

Environmental Impact Statement

Township Line Road Development

Borough of Phoenixville Township,
Chester County, Pennsylvania

Prepared For:

Franklin Phoenixville

1890 Rose Cottage Lane
Malvern, PA 19355

Issued: January 6, 2026

BL Project No. 2302858

Prepared By:



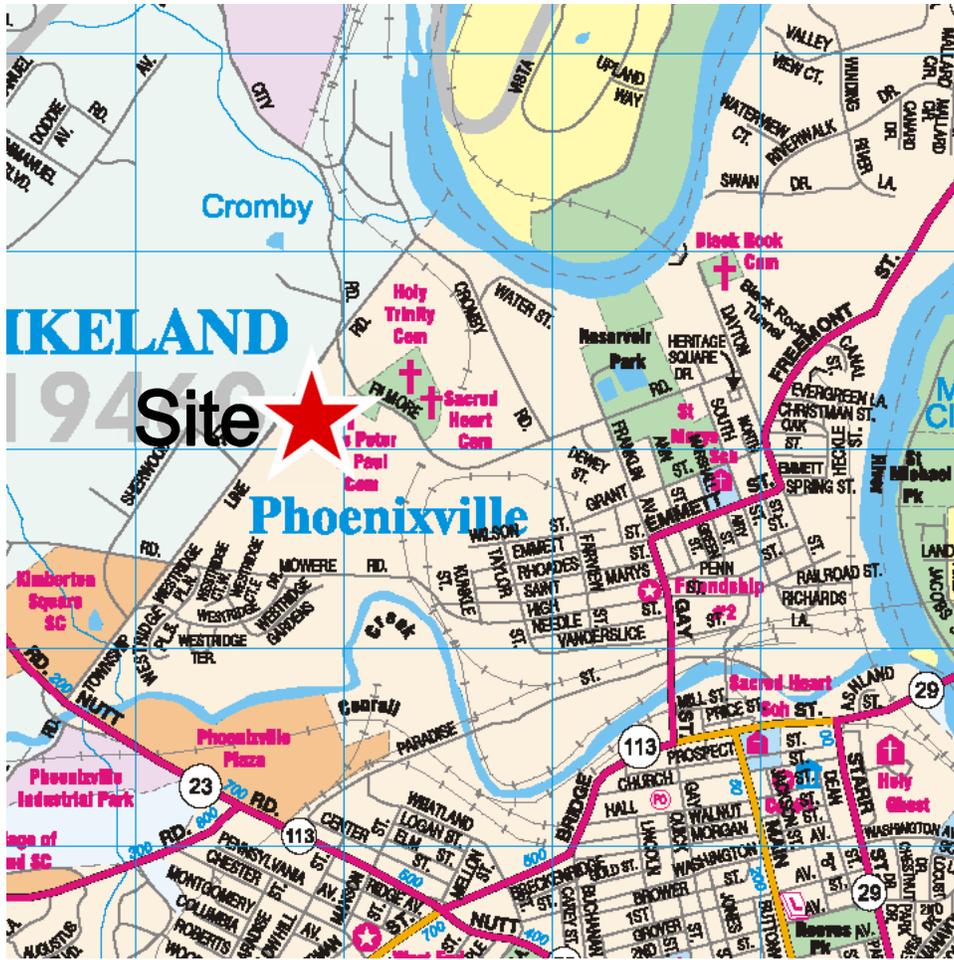
BL Companies
1100 First Avenue, Suite 104
King of Prussia, PA 19406

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**SITE VICINITY MAP – TOWNSHIP LINE ROAD DEVELOPMENT
N.T.S.**

**Fillmore Street and Township Line Road
Borough of Phoenixville, Chester County Pennsylvania**

PART I

PROJECT DESCRIPTION

The project is proposing to redevelop existing properties along Township Line Road – 918, 916, 914, 910, 908 and 906, situated entirely within Borough of Phoenixville, Chester County, Pennsylvania. The subject property currently consists of single-family homes on a total approximately 3.67 acres

The development will consist of construction of fifty-nine (38) Townhomes, with associated parking, utility extensions and stormwater management facilities. Access will be connected to the Odessa Development and have a full movement access and ingress only access from Township Line Road.

The proposed development is tributary to French Creek which has the designated use of trout stocking, migratory fishes (TSF-MF) by Title 25, Chapter 93 of the Pennsylvania Code. The runoff from the unnamed tributary further drains into the Schuylkill River. The Site is located in the County-wide Act 167 Stormwater Management Plan for Chester County, which was approved by the DEP on July 2, 2013 and by the Borough of Phoenixville by ordinance on September 9, 2014.

PART II

SITE GEOLOGICAL, TOPOGRAPHICAL, SOIL AND HYDROLOGICAL CHARACTERISTICS

Multiple geotechnical investigations were performed by Earth Engineering Incorporated that revealed the existence of several limiting zones of shallow bedrock. The presence of the bedrock limiting zone will not allow for infiltration through the underlying soil. Additionally, it should be noted that the original reports also identify limiting zones due to seasonal high ground water (SHGW) as indicated by soil mottling. No actual groundwater was observed within the test pits however during testing. Earth Engineering has provided a letter clarifying the mottling is likely due to slow percolation as opposed to SHGW.

According to the Commonwealth of Pennsylvania Topographic and Geologic Survey, Atlas of Preliminary Geologic Maps of Pennsylvania, 1978, Phoenixville Quadrangle, the site is situated within Lockatong Formation (geologic symbol - Trl). The Lockatong Formation is composed of dark gray to black argillite having some zones of black shale. The bedding within this formation is typically well developed and flaggy to thick. The fracturing and jointing within this rock type have a blocky pattern. This rock type is moderately resistant to weathering and the overlying soil mantle is typically thin. Localized groundwater springs are a common occurrence within the fractured bedrock of the Lockatong Formation. The excavation of this material varies from easy in completely to highly weathered rock to difficult in the moderately weathered to fresh bedrock. The residual soils of the Lockatong Formation are characterized by good surface drainage.

Joint openings of the underlying rock type provide a low secondary porosity and low permeability.

Based upon the materials observed during the field investigation, the residual soil conditions at the site appeared typical of the weathering of the dark gray Argillite shale rock of the Lockatong Formation.

The existing soil classification from the USDA Natural Resources Conservation Service for the type of soil found on the site UrxB Urban Land, penn complex, 0 to 8 percent slopes (PeB), type "B" soil group.

A copy of the Geotechnical Investigation can be found in Appendix A.
A copy of the Soils Resources Report can be found in Appendix B

PART III

SITE BIOLOGICAL RESOURCES

The existing sites are developed as single family homes with some outbuildings (garages, sheds, etc.). A Wetland and Watercourse Evaluation was performed by BL Companies in August of 2024 and determined the project area consists entirely of upland habitat and is highly unlikely that wetlands or watercourses exist within the study area.

A search of the online Pennsylvania Natural Diversity Inventory (PNDI) Gis database was conducted August 2024. Results of the PNDI search (Project Search ID PNDI:820774) are summarized below.

A copy of the Wetland and Watercourse Evaluation can be found in Appendix C. A copy of the PNDI search can be found in Appendix D.

According to a review of the online FEMA mapping, the study area is located outside of a regulated flood zone, within an area of minimal flood hazard (Zone X) (Panel 42029C0060G).

PART IV

SITE HISTORIC RESOURCES

Based on a review of available historic records and other information obtained during the course of BL's studies, the property appears to have consisted of undeveloped/agricultural land since at least 1937. The properties residential structures

were reportedly constructed as early as 1946 and into the mid 1950s, with the last structure being constructed in 2006 (908 Township Line Road).

PART V

SITE HAZARDOUS WASTES

A Phase I assessment of the site was performed by BL Companies in August of 2004. The assessment revealed no evidence of historical recognized environmental conditions (HRECs).

As part of this assessment a site reconnaissance of the property was performed to determine the presence of any historical recognized environmental conditions (HRECs), recognized environmental concerns (RECs) and business environmental risks (BERs)/de minimis conditions.

The assessment concluded no evidence of HRECs in connection with the site. The assessment has revealed the following business environmental risks (BERs)/de minimis conditions :

- The presence of four (4), 275 gallon heating oil AST located on the properties. No evidence of staining or leakage was observed on or beneath the ASTs.
-

Based on the findings, no further environmental investigations appears warranted.

A copy of the Phase I assessment can be found in Appendix E.

PART VI

DEVELOPMENT IMPACTS

The development proposes to remove the structures to facilitate the construction of the Townhouse development. The increase in impervious cover will be managed subsurface Managed Release Concept (MRC) basins and a surface Detention Basin. This is integrated into the overall stormwater management with Odessa Development. The proposed basins will manage the runoff rate and volume in accordance with Borough and DEP requirements. Additionally, the development proposed revegetation and introduction of various recreational open spaces for use by the community, further reducing the impacts of the proposed development. All of the existing single family residential properties have onsite septic systems. The development will remove the existing septic systems and connect the future Townhouses to the public sanitary sewer system. During construction, the runoff will be managed by several Erosion and Sediment Control devices. These methods will manage the rate and volume of

stormwater runoff from the site, mitigating the impacts of the proposed development and reducing erosion and flooding downstream of the property.

APPENDICES

Appendix A	Geotechnical Report
Appendix B	Soil Resource Report
Appendix C	Wetland and Watercourse Evaluation Report
Appendix D	PNDI Receipt
Appendix E	Phase I Report

APPENDIX A

Geotechnical Report



**EARTH
ENGINEERING
INCORPORATED**

Geotechnical Engineers & Geologists

March 31, 2022

EEI Project No: 26651.02

Mr. Dave Moskowitz
Franklin Phoenixville, LP
400 Franklin Avenue
Phoenixville PA 19460

Phone: 610-983-4632

Email: DHMoskowitz@aol.com

**Re: Stormwater Management Justification
Odessa Property Phoenixville Borough,
Chester County, PA**

Dear Mr. Moskowitz:

Earth Engineering Incorporated (EEI) has prepared this letter to clarify findings of infiltration testing performed at the above-referenced site presented in correspondence dated December 2013 and October 2016. The purpose of this letter is to further describe near-surface soil mottling identified during the field investigations.

It is EEI's opinion, that the near-surface mottling described both in the *Due Diligence – Test Pit and Infiltration Testing Letter* (dated December 16, 2013) and the *Supplemental Stormwater Infiltration Testing Fillmore Village* (dated October 28, 2016) are more indicative of surface water infiltration rather than an indication of seasonal high groundwater table. While soil mottling may, at times, be suggestive of seasonal high groundwater, in this case the mottling is very near the surface and no evidence of mottling or any real or regional groundwater surface was encountered below within the soil profile during the various investigations conducted at the site.

We trust this is responsive to your request for clarification and includes the information you require. If you have any questions regarding the information contained herein, please call.

Sincerely,
EARTH ENGINEERING INCORPORATED

Patrick M. McNamara, P.E.
Director – Geotechnical Investigations

26651.02 - Fillmore Village - Odessa Property - Stormwater Clarification Letter

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**EARTH
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July 9, 2021
EEI Project N°: 26651.02

Mr. Dave Moskowitz
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Phone: 610-983-4632
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**Letter of Confirmation
Odessa Property Phoenixville Borough,
Chester County, PA**

Dear Mr. Moskowitz:

Earth Engineering Incorporated (EEI) has prepared this Letter to confirm that infiltration testing results summarized in our reports titled "*Due Diligence Test Pit Investigation and Infiltration Testing Letter*", dated December 16, 2013 and "Supplemental Stormwater Infiltration Testing" dated October 28, 2016 are still applicable for the above referenced site and for the proposed development shown on the updated Sketch Plan dated July 6, 2021. As such, infiltration is not feasible at the site based on the summary and conclusions provided in the aforementioned reports.

It is emphasized that this Letter of Confirmation is for the proposed Fillmore Village – Odessa Property Development in Phoenixville Borough, Chester County, Pennsylvania. Earth Engineering Incorporated does not assume any responsibility in using this report for drainage system consideration or designs other than at the specific site addressed.

We trust this is the information you require. If you have any questions regarding the information contained herein, please call.

Sincerely,

EARTH ENGINEERING INCORPORATED

Patrick M. McNamara, P.E.

Director – Geotechnical Investigations

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December 16, 2013
EEI Project No. 26651.00

Franklin Phoenixville, LP
Mr. Dave Moskowitz
400 Franklin Avenue
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**Re: Fillmore Village Phase IV
Due Diligence - Test Pit Investigation
and Infiltration Testing Letter
Doylestown Borough, Bucks County, PA**

Dear Mr. Moskowitz:

Earth Engineering Incorporated (EEI) has prepared this letter to present the results of the test pit investigation at the above-referenced site. The specific focus of this preliminary investigation was to document subsurface conditions throughout the site in order to provide recommendations regarding the proposed construction. The scope of work for this phase of the investigation consisted of test pit investigation and data report, in general accordance with EEI Proposal Number BB-13113R.

SITE DESCRIPTION

The subject site is an approximately 13.8 acre wooded lot that is located at 1270 Fillmore Street in the Borough of Phoenixville, Chester County, Pennsylvania. The site is bordered by Fillmore Street, an existing cemetery and residential properties to the north, by residential properties to the east and west. An unused railroad bed borders the eastern edge of the site. Additionally, non-residential properties border the site to the south.

The topography of the site slopes moderately downward to the south and steeply downward to the east along the border of the site adjacent to the existing railroad tracks. According to the surface contours shown on the *sketch plan*, approximately 30 feet of relief exists within the proposed development area.

PROJECT DESCRIPTION

Based upon discussions with the client, development Fillmore Village Phase IV is anticipated to include construction of residential structures, an entrance drive from Fillmore Street and stormwater management facilities that include a potential infiltration basin at the southeastern portion of the site. Underground and above ground utilities associated with the proposed residences will also be required. At the time of this investigation, the proposed grading and site layout had not yet been developed.

FIELD INVESTIGATION

Sixteen (16) test pits, designated as TP-1 through TP-16, were excavated throughout the site by ECD Excavating of Phoenixville, Pennsylvania with a *Kubota KX-161* trackhoe to evaluate the subsurface conditions at the site. The purpose of the test pits was to field classify the soils and to identify subsurface conditions for preliminary planning purposes. Specifically, depths to very dense weathered rock, bedrock groundwater and limiting zones for stormwater infiltration were evaluated.

A limiting zone is defined as a horizon or condition of the soil or underlying strata which includes:

- A seasonal high water table, whether perched or regional, determined by direct observation of the water table or soil mottling;
- Rock with open joints, fractures or solution channels, masses of loose rock fragments including gravel, with insufficient fine soil to fill the voids between the fragments;
- Rock formation, other stratum, or soil condition which is so slowly permeable that it effectively limits the downward passage of effluent.

A summary of the limiting zones that were encountered at the site is included in the *Data Summary* section of this letter. The test pit locations are shown on the enclosed *Existing Condition Plan – Fillmore Village Ph.4*, dated November 25, 2013 by Bercek and Smith Engineering, Incorporated. A test pit profiles sheet and Test Pit Logs that include detailed descriptions of the subsurface conditions are also enclosed with this letter.

SUBSURFACE CONDITIONS

Geologic Information

According to the Commonwealth of Pennsylvania, Topographic and Geologic Survey, *Geologic Map of Pennsylvania*, 1980, the site is situated within an area underlain by the Triassic Period Stockton Formation (Geologic Symbol: Trs).

As noted in the Commonwealth of Pennsylvania, Topographic and Geologic Survey, *Engineering Characteristics of The Rocks of Pennsylvania*, Fourth (4th) Series, Revised 1982, the Stockton Formation (Trs) is composed of beds of red to purple sandstone, shale, and siltstone, along with light gray to buff-colored arkosic sandstone. The bedding within this formation is typically well developed and thin to flaggy. The fracturing and jointing within this rock type have a blocky pattern. It is moderately resistant to weathering. Groundwater springs are a common occurrence within this material.

Subsurface Stratification

Based upon the field classifications, a generalized profile has been developed to help identify the subsurface conditions at this site. Three (3) naturally-occurring strata were characterized by EEI to exist at the site below a surficial layer of topsoil. The thickness of the topsoil ranges from 0.5 to 1.0 feet. General descriptions of the residual strata are as follows:

STRATUM I

Stratum I soils are typically described as clayey silt to silt with trace to some fine sand and clay. Portions of this stratum are noted as mottled several of the test pit locations. The mottled portions of this stratum are considered to be a limiting zone for stormwater infiltration. This stratum was observed at all of the test pit locations and extends from beneath the surficial topsoil down to underlying Stratum II - Decomposed Rock or Stratum III - Weathered rock or termination of the test pits at 1.8 to 8.0 feet below the existing grade. Hand probes and visual observations of the test pit sidewalls, as well as monitoring of the excavation rates, indicate that the relative density of this Stratum is variable and ranges from loose to dense or medium stiff to very stiff. On average, the relative density of these materials is medium dense. Moisture level observations were typically noted as moist to dry.

STRATUM II – Decomposed Rock

Stratum II soils consist of decomposed shale, siltstone and sandstone that is typically described as clayey silt to silt with trace to some fine sand and some to abundant channers. Portions of this stratum were also noted as mottled and are considered to be a limiting zone for infiltration. This stratum was encountered at test pit locations TP-1, TP-2, TP-4, TP-5, TP-6, TP-9, TP-10, TP-11, TP-13 and TP-16 and extends from beneath the Stratum I soil down to the termination of the test pits or the underlying Stratum III materials at depths of 6.0 to 11.5 feet below existing grade. Hand probes and visual observations of the test pit sidewall, as well as monitoring of the excavation rates, indicate that the relative density of this Stratum is medium dense to dense. Excavation of this material was observed to be easy to moderate. Moisture level observations were typically noted as moist to dry

STRATUM III – Weathered Rock

Stratum III material consists of weathered shale, siltstone and sandstone in the form of channers and/or flagstone with silt and sand. This material was encountered at test pit locations TP-1, TP-2, TP-3, TP-5 through TP-9, TP-11, TP-14 and TP-15 from beneath the Stratum I or Stratum II soil and extends to the termination of test pits at depths of 3.5 feet to 10.5 feet below grade. Stratum III is the result of the early weathering stages of the underlying sandstone, siltstone and shale bedrock. Hand probes and visual observations of the test pit sidewalls, as well as monitoring of the excavation rates, indicate that the relative density of this Stratum ranges is typically very dense. Relative moisture level observations were noted as dry to wet.



Bedrock

Bucket refusal, defined herein as the excavation equipment encountering the moderately to freshly weathered bedrock surface, was encountered at test pit locations TP-1, TP-2, TP-3, TP-5 through TP-8, and TP-15 at depths ranging from 3.8 to 10.0 feet below the existing ground surface. Residual soil and rock samples retrieved during the field investigation indicate that the site is underlain by the sandstone, siltstone and shale of the Stockton Formation. The depths to the bedrock surface, as well as the corresponding elevations at each test pit location, are listed below in Table I.

Groundwater

Long term groundwater monitoring wells were not installed during this investigation to precisely evaluate the hydrology of the site. However, during excavation of the test pits and time lapse of up to 6.5 hours after excavation of the test pits, groundwater was not observed at any of the test pit locations. It should be noted that groundwater elevations may fluctuate with daily, seasonal and climatic events.

In addition to actual groundwater observations, the soils were examined for evidence of the seasonal high groundwater (SHGW) level as indicated by mottling. The SHGW was indentified at test pit locations TP-2, TP-4, TP-5, TP-6 and TP-9 through TP-16 at estimated depths beginning at 0.5 to 2.3 feet below existing grade. The SHGW observations typically appear to be indicative of a shallow perched water table that occurs during prolonged wet periods. A summary of the depth to seasonal high groundwater or observed groundwater, where encountered, is provided in the Table I below.

DATA SUMMARY

The following table provides a summary of the critical data pertaining excavations at the site. In particular, the depth to very dense weathered rock, bedrock and observed groundwater levels is tabulated. The depths to very dense weathered rock and to the estimated seasonal high groundwater (mottling) are also considered to be limiting zones for stormwater infiltration.

TABLE I SUMMARY OF DEPTHS TO VERY DENSE WEATHERED ROCK, BEDROCK AND SEASONAL HIGH GROUNDWATER							
Test Pit	^{1.)} Existing Ground Surface Elevation (ft)	^{2.)} Depth to Very Dense Weathered Rock(ft)	Very Dense Weathered Rock Elevation (ft)	^{2.)} Depth to Bedrock (ft)	Bedrock Elevation (ft)	^{2.)} Depth to Seasonal High Ground- water (ft)	Elevation of Seasonal High Ground- water (ft)
TP-1	234.9	10.0	224.9	10.5	224.4	---	---
TP-2	235.5	6.0	229.5	6.5	229.0	2.1	233.4
TP-3	234.4	1.8	232.6	3.8	230.6	---	---
TP-4	212.7	---	---	---	---	2.0	210.7
TP-5	197.5	7.6	189.9	8.5	189.0	1.3	196.2



TABLE I - Continued							
SUMMARY OF DEPTHS TO VERY DENSE WEATHERED ROCK, BEDROCK AND SEASONAL HIGH GROUNDWATER							
Test Pit	^{1.)} Existing Ground Surface Elevation (ft)	^{2.)} Depth to Very Dense Weathered Rock(ft)	Very Dense Weathered Rock Elevation (ft)	^{2.)} Depth to Bedrock (ft)	Bedrock Elevation (ft)	^{2.)} Depth to Seasonal High Ground-water (ft)	Elevation of Seasonal High Ground-water (ft)
TP-6	187.0	6.0	181.0	---	---	2.3	184.7
TP-7	183.0	4.6	178.4	8.5	174.5	---	---
TP-8	216.0	2.5	213.5	3.5	212.5	---	---
TP-9	195.7	7.5	188.2	---	---	2.8	192.9
TP-10	187.7	---	---	---	---	1.8	185.9
TP-11	218.6	8.0	210.6	---	---	0.9	217.7
TP-12	199.0	---	---	---	---	1.0	198.0
TP-13	189.0	---	---	---	---	0.5	188.5
TP-14	219.0	2.3	216.7	---	---	0.9	218.1
TP-15	201.0	3.4	197.6	3.8	197.2	0.8	200.2
TP-16	192.4	---	---	---	---	1.3	191.1

- 1.) Ground surface elevations provided by Client
- 2.) Depths measured from existing grades at the time of investigation.
- 3.) Bedrock Depth defined as bucket refusal.
- 4.) Seasonal High Groundwater as evidenced by soil mottling. Actual Groundwater not encountered during investigation.

The following table provides a summary of the infiltration test results that were obtained at the site. A double ring infiltration testing log that provides additional details regarding the infiltration testing is enclosed.

TABLE II - INFILTRATION RATES AT TEST LOCATIONS					
Infiltration Test Designation	Ground Surface Elevation (ft)	Infiltration Test Depth (ft)	Test Interval (min)	Final Drop in Water Level (in)	^{2.)} Infiltration Rate (in/hr)
DR-6A	187.0	4.0	30	0.000	0.00
DR-6B	187.0	6.5	30	0.000	0.00
DR-7A	183.0	2.5	30	0.000	0.00
DR-7B	183.0	4.0	30	0.125	0.25
DR-11A	218.6	3.0	30	0.000	0.00
DR-11B	218.6	5.0	10	4.250	25.50



STORMWATER INFILTRATION FEASIBILITY

The stormwater infiltration aspects of this investigation consisted of an evaluation of limiting zones at the test pit locations and double ring infiltration testing within a potential stormwater infiltration area. The results generally show that there are significant restrictions for stormwater infiltration and at some areas the soils are unsuitable for infiltration.

Evidence of limiting zones was encountered in the form of mottled soils (SHGW) and/or very dense weathered rock at all of the test pit locations. As per the Pennsylvania Stormwater Best Management Practices (PA BMP) Manual, Appendix C, a minimum buffer of 2.0 feet is typically required between the bottom of stormwater infiltration facilities and the underlying limiting zone. Consequently, test pit locations TP-3, TP-4, TP-5 and TP-12 through TP-16 are unsuitable for infiltration. Additionally, erosional gullies were observed on the western half of the site which, corroborate the limiting zone observations in this area.

The measured infiltration rates at the infiltration test locations range between 0.00 inches per hour and 25.50 inches per hour. These tests were conducted at test pit locations TP-6, TP-7 and TP-11 at depths that range from 2.5 to 6.5 feet below grade. At these depths, the tests were seated within Stratum I soils and within the transition from Stratum I to Stratum II. As per the PA BMP Manual, the recommended infiltration rate range for stormwater infiltration is 0.10 inches per hour to 10.00 inches per hour.

The field collected data and the aforementioned infiltration rate rates may be used for design of stormwater management systems. The location and elevation of proposed infiltration systems was not available at the time of investigation. Therefore, we recommend additional infiltration testing for determination of the recommended design infiltration rates after the proposed basin configurations are determined. The infiltration rates discussed herein are field measured values and do not include a safety factor applicable for design purposes.

PRELIMINARY GEOTECHNICAL RECOMMENDATIONS

The following recommendations concern foundation support, excavations, and groundwater control for planning purposes. These recommendations are based on a review of the subsurface conditions observed at the site and the anticipated land use.

EEI recommends additional investigation using standard penetration test borings to further analyze the subsurface conditions, once the proposed construction plans, grading and load parameters are available. The additional test boring data may be used to determine and recommend appropriate allowable bearing pressures, settlement estimates and confirm recommended foundation types and depths.

For preliminary planning purposes, foundation support is generally expected to be feasible with shallow foundation systems such as strip and spread footings that bear on medium dense to very dense native soils.

Excavation of very dense weathered rock materials and/or bedrock has the greatest potential at the northern, western and, southeastern edges of the site. At these locations (TP-2, TP-3, TP-8 and TP-15), bedrock depths of 3.5 to 6.5 feet below grade were encountered. Excavations that extend down into very dense weathered rock are expected to be feasible with



a high powered track hoe. Bedrock excavation is expected to be feasible with rock hammering, splitting, ripping or other rock excavation techniques.

Fill material used to support and backfill foundations as well as fill for retaining walls is considered structural fill. Excavations at the site are expected to make quantities of Stratum I, Stratum II and Stratum III materials available for reuse as structural FILL. These materials are generally suitable for reuse as a structural fill material. Any structural fill required to be imported to the site should meet the following criteria:

- it should be free of organic matter, ash, cinders, frozen materials, and demolition debris,
- the plasticity index should be less than 10,
- it should be less than 15 percent by weight rock fragments larger than 3 inches, less than 30 percent by weight larger than ¾ inches, and less than 30 percent by weight smaller than the No. 200 sieve.
- (Imported Materials Only) meets the definition of clean fill according to PADEP Management of Fill Policy, Document Number 258-2182-773.

Soil materials that become available for use as a structural fill should be submitted to the Geotechnical Engineer of Record for evaluation before they are imported to the site.

Groundwater impacts were also considered for the anticipated construction. Given the observed subsurface conditions, the use of basements appears to be feasible. However, damp proofing of basement walls and slabs will be required. Water proofing and a dewatering system (sump pumps) is strongly recommended since a perched seasonal high groundwater table (SHGW) was encountered all but four (4) of the test pit locations and ranges between 0.5 to 2.8 feet below existing grade. Evidence of the SHGW level appears to indicate perched groundwater above a shallow fine grained layer of restrictive soil. Actual groundwater was not observed during the investigation.

LIMITATIONS

The information contained in this letter is based upon the subsurface data collected and on details stated in this letter. Should conditions arise which differ from those specifically stated herein, our office should be notified immediately so that our conclusions can be reviewed and revised, if necessary.

The scope of work for this project was limited only to investigations and evaluation of the geotechnical aspects of the site conditions, and does not include any considerations of potential site pollution, contamination, or other environmental issues. This report offers no facts or opinions related to potential pollution or contamination of the site.

It is emphasized that this analysis was conducted for the proposed Fillmore Village Phase IV residential development to be located on Fillmore Street in the Borough of Phoenixville, Montgomery County, Pennsylvania. Earth Engineering Incorporated does not assume any responsibility in using this report for drainage system consideration or designs other than at the specific site addressed.



Mr. Dave Moskowitz
EEI Project No. 26651.00
December 16, 2013
Page 8 of 8

We trust this is the information you require. If you have any questions regarding the information contained herein, please call.

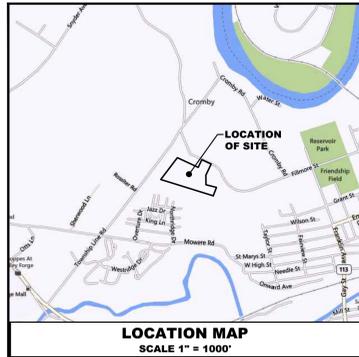
Sincerely,
EARTH ENGINEERING INCORPORATED



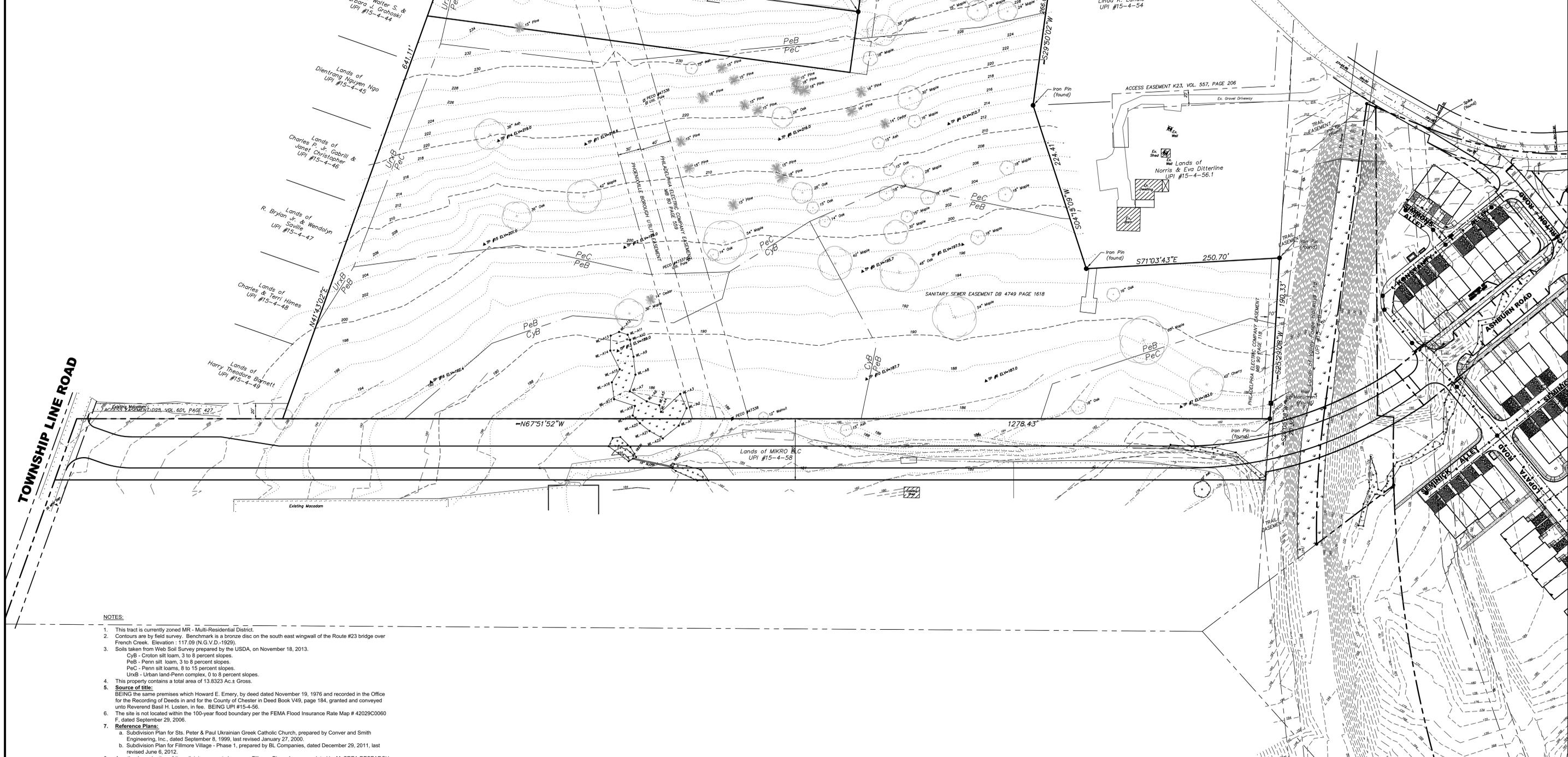
A. Nathaniel Hadley
Project Manager



Patrick McNamara, P.E.
Director – Geotechnical Investigations



LOCATION MAP
SCALE 1" = 1000'

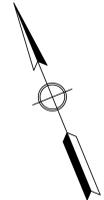


NOTES:

1. This tract is currently zoned MR - Multi-Residential District.
2. Contours are by field survey. Benchmark is a bronze disc on the south east wingwall of the Route #23 bridge over French Creek. Elevation: 117.09 (N.G.V.D.-1929).
3. Soils taken from Web Soil Survey prepared by the USDA, on November 18, 2013.
CyB - Croton silt loam, 3 to 8 percent slopes.
PeB - Penn silt loam, 3 to 8 percent slopes.
PeC - Penn silt loams, 8 to 15 percent slopes.
UrxB - Urban land-Penn complex, 0 to 8 percent slopes.
4. This property contains a total area of 13.8323 Ac.± Gross.
5. **Source of title:**
BEING the same premises which Howard E. Emery, by deed dated November 19, 1976 and recorded in the Office for the Recording of Deeds in and for the County of Chester in Deed Book V49, page 184, granted and conveyed unto Reverend Basil H. Loston, in fee. BEING UPI #15-4-56.
6. The site is not located within the 100-year flood boundary per the FEMA Flood Insurance Rate Map # 42029C0060 F, dated September 29, 2006.
7. **Reference Plans:**
 - a. Subdivision Plan for Sts. Peter & Paul Ukrainian Greek Catholic Church, prepared by Corver and Smith Engineering, Inc., dated September 8, 1999, last revised January 27, 2000.
 - b. Subdivision Plan for Fillmore Village - Phase 1, prepared by BL Companies, dated December 29, 2011, last revised June 6, 2012.
8. A wetlands evaluation of the adjoining property known as Fillmore Phase I was completed by McCREA RESEARCH, INC., 20 Terrace Avenue, Stevens, PA 17578 and an addendum issued July 19, 2007, field located by Bercek and Smith Engineering, Inc. The wetlands evaluation for the property shown and referred to as Fillmore Ph 4 was completed by Environmental Design Services of Birdsboro, PA on November 22, 2013. Any development or activity planned within any wetland area shall not be conducted without prior consultation with and approval from applicable government agencies including, but not limited to, the Commonwealth of Pennsylvania, Department of Environmental Protection; the County Conservation District; the United States Department of the Interior, Fish and Wildlife Service; and/or U.S. Army Corps of Engineers.
9. **PA Act 187 of 1996; POCs Serial No. 20133291160.**
Location of all underground utilities is approximate as shown hereon. All locations and sizes are based on utility mark-outs and above ground structures that were visible and accessible in the field at the time of this survey. Available mark-outs and utility plans do not insure underground utility and structure locations. It is not the intent of this plan to illustrate any subsurface conditions should they exist (i.e. seepage beds, buried tanks etc.). Prior to any construction, the contractor must complete a utility location request through the Pennsylvania One Call System, phone number 1-800-242-1776, not less than three nor more than ten working days in advance of beginning excavation or demolition work.
10. **Ex. Lot Areas:**
13.8323 Ac.± Gross to Title Line
13.6971 Ac.± Net to Legal Right-of-way Line



Scale : 1" = 50'



ACKNOWLEDGMENT AND AGREEMENT FOR ELECTRONIC MEDIA AND PLAN INFORMATION

These documents including plans, specifications, reports and electronic media files were prepared specifically for this project for the individual(s) named on the documents as client. The documents are not intended to be used for any other project, or for any other purpose, or for any other use, or for any other person. Any use or modification is strictly forbidden, and therefore, any use or modification shall be an agreement deemed to indemnify and save harmless Bercek and Smith Engineering, Inc., for all claims, damages, losses and expenses arising from the use hereof. The information contained in the documents is to be verified in the field prior to construction and any user of the information is also obligated to report any discrepancies to Bercek and Smith Engineering, Inc.

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Bercek and Smith Engineering, Inc.
Civil Engineering | Land Surveying
358 Main Street, Suite 1 - Royersford, PA 19468 - Phone : 610-948-8947 - Fax : 610-948-3261

Existing Condition Plan - Fillmore Village Ph. 4

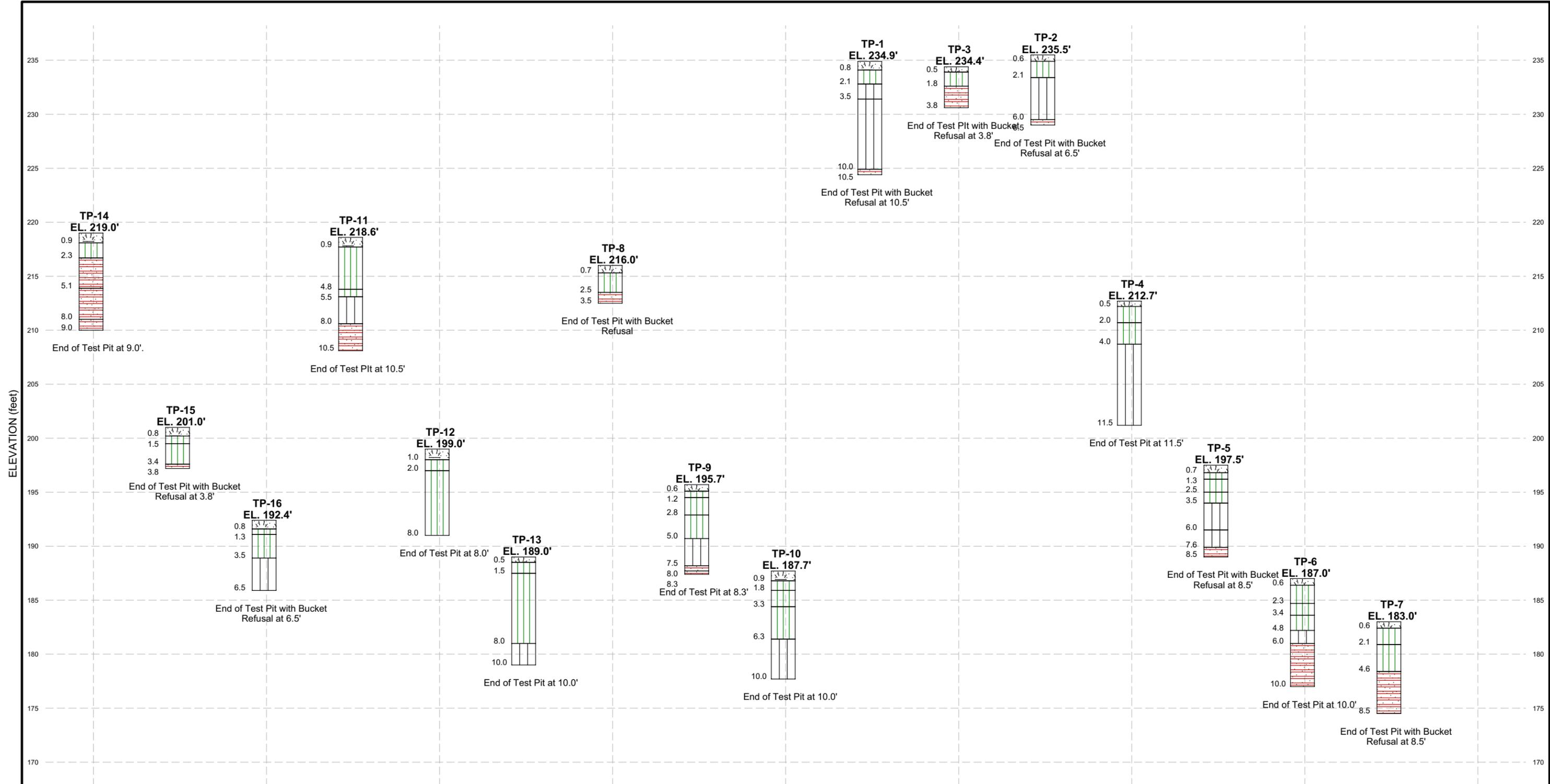
DAVID MOSKOWITZ

Borough of Phoenixville - Chester County, PA

November 25, 2013

Plan No. D-12-116B

Sheet 01 of 02



Lithology Graphics

-  Topsoil
-  Stratum I - Clayey silt to silt with trace to some fine sand and clay
-  Stratum II - Clayey silt to silt with trace to some fine sand and some to abundant channers (Decomposed Shale, Siltstone and Sandstone)
-  Stratum III - Channers, gravel, and flagstone with interstitial silt and sand (Weathered Shale, Siltstone and Sandstone)

-  Initial Groundwater Level
-  Subsequent Groundwater Level



BORING PROFILES
 PREPARED FOR
FILLMORE VILLAGE PHASE IV

PHOENIXVILLE BOROUGH, MONTGOMERY CO., PA



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**TEST PIT
LOG**

PIT NO.	<u>TP-2</u>
SHEET	<u>1</u> OF <u>1</u>
DATE: START	<u>11/11/13</u>
END	<u>11/11/13</u>
SURFACE ELEV. (FT)	<u>235.5</u>

PROJECT NAME Fillmore Village Phase IV

PROJECT LOCATION Phoenixville Borough, Montgomery Co., PA

PROJECT NUMBER 26651.00

INSPECTOR NAME A. Hadley

EQUIPMENT USED Kubota KX-161

EXCAVATING COMPANY E. Dennis/ECD Excavating

WATER: DEPTH: Dry TIME: 0.25 hr

WATER: DEPTH: Dry TIME: 6.00 hr

DEPTH (FT)	USCS	H ₂ O CONTENT **	GRAPHIC LOG	DESCRIPTION		REMARKS
				DEPTH	ELEVATION	
0.0	ML	M		0.0	234.9	Topsoil (7")
0.6	ML	M		0.6	234.9	Reddish Brown: Silt with fine sand and some channers with numerous fine to medium roots
2.1	GW	M		2.1	233.4	Reddish brown; silt with fine sand and clay, with abundant channers, common coarse distinct mottles (Decomposed siltstone)
6.0	GP	M		6.0	229.5	6.0
6.5	GP	M		6.5	229.0	6.5 Reddish brown; channers with silt and fine sand (Weathered Siltstone)
						End of Test Pit at bucket refusal
						Limiting Zone: Mottled from 2.1 to 6.0 feet, very dense at 6.0 feet.

* D = DRY, M = MOIST, W = WET



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**TEST PIT
LOG**

PIT NO.	<u>TP-3</u>
SHEET	<u>1</u> OF <u>1</u>
DATE: START	<u>11/11/13</u>
END	<u>11/11/13</u>
SURFACE ELEV. (FT)	<u>234.4</u>

PROJECT NAME Fillmore Village Phase IV

PROJECT LOCATION Phoenixville Borough, Montgomery Co., PA

PROJECT NUMBER 26651.00

INSPECTOR NAME A. Hadley

EQUIPMENT USED Kubota KX-161

EXCAVATING COMPANY E. Dennis/ECD Excavating

WATER: DEPTH: Dry TIME: 0.25 hr

WATER: DEPTH: Dry TIME: 5.50 hr

DEPTH (FT)	USCS	H ₂ O CONTENT **	GRAPHIC LOG	DESCRIPTION		REMARKS	
				DEPTH	ELEVATION		
0.0	ML	M		0.5	Topsoil (6")	233.9	0.5
0.5	ML	D		1.8	Reddish brown; silt with some channers, some fine roots	232.6	1.8
1.8	GW	D		3.8	Reddish brown channers with silt and fine sand, localized pocket on east side of pit with prominent mottles (Weathered Sandstone)	230.6	3.8
3.8					End of Test Pit at bucket refusal		
							Limiting Zone: Very dense weathered rock at 1.8 feet

* D = DRY, M = MOIST, W = WET



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**TEST PIT
LOG**

PIT NO.	<u>TP-4</u>
SHEET	<u>1</u> OF <u>1</u>
DATE: START	<u>11/11/13</u>
END	<u>11/11/13</u>
SURFACE ELEV. (FT)	<u>212.7</u>

PROJECT NAME Fillmore Village Phase IV

PROJECT LOCATION Phoenixville Borough, Montgomery Co., PA

PROJECT NUMBER 26651.00

INSPECTOR NAME A. Hadley

EQUIPMENT USED Kubota KX-161

EXCAVATING COMPANY E. Dennis/ECD Excavating

WATER: DEPTH: Dry TIME: 0.25 hr

WATER: DEPTH: Dry TIME: 4.50 hr

DEPTH (FT)	USCS	H ₂ O CONTENT **	GRAPHIC LOG	DESCRIPTION		REMARKS
				DEPTH	ELEVATION	
0.0	ML	M		0.5	Topsoil (6") 212.2	0.5
0.5	ML	M		2.0	Reddish brown; silt with some clay and trace fine sand, trace to some shale, siltstone and sandstone fragments 210.7	Easy excavation, moist, loose to medium dense (6% channers)
2.0	CL	M		4.0	Red clay with some silt and shale/sandstone fragments, mottled, weak prismatic structure 208.7	Easy excavation, moist, very stiff (10% channers)
4.0	GM	M		11.5	Reddish brown silt with fine sand; abundant channers with flagstone (Decomposed siltstone) 201.2	Easy to moderate excavation, moist, medium dense to dense (60% - 80% channers)
11.5				11.5	End of Test Pit	11.5
						Limiting zone; Mottled 2.0 to 4.0 feet

* D = DRY, M = MOIST, W = WET



TEST PIT LOG

PIT NO.	TP-5
SHEET	1 OF 1
DATE: START	11/11/13
END	11/11/13
SURFACE ELEV. (FT)	197.5

PROJECT NAME Fillmore Village Phase IV

PROJECT LOCATION Phoenixville Borough, Montgomery Co., PA

PROJECT NUMBER 26651.00

INSPECTOR NAME A. Hadley

EQUIPMENT USED Kubota KX-161

EXCAVATING COMPANY E. Dennis/ECD Excavating

WATER: DEPTH: Dry TIME: 0.25 hr

WATER: DEPTH: Dry TIME: 4.00 hr

DEPTH (FT)	USCS	H ₂ O CONTENT **	GRAPHIC LOG	DESCRIPTION		REMARKS
				DEPTH	ELEVATION	
0.0						
0.7	ML	M		0.7	196.8	0.7
1.3	ML	M		1.3	196.2	Easy excavation, moist to dry, loose to medium dense
2.5	ML	M		2.5	195.0	Easy excavation, moist to dry, medium dense
3.5	ML	M		3.5	194.0	Moderate excavation, moist, dense
6.0	ML	M		6.0	191.5	Easy excavation, moist, medium dense (10% Channers)
7.6	GM	M		7.6	189.9	Moderate excavation, moist, dense (80% Channers)
8.5	GP	M		8.5	189.0	Hard to very hard excavation, moist, very dense (>90% Channers)
				End of Test Pit at bucket refusal		
						Limiting zone: Mottled 1.3 to 3.5 feet, very dense 7.6'

* D = DRY, M = MOIST, W = WET



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**TEST PIT
LOG**

PIT NO.	<u>TP-6</u>
SHEET	<u>1</u> OF <u>1</u>
DATE: START	<u>11/11/13</u>
END	<u>11/11/13</u>
SURFACE ELEV. (FT)	<u>187.0</u>

PROJECT NAME Fillmore Village Phase IV

PROJECT LOCATION Phoenixville Borough, Montgomery Co., PA

PROJECT NUMBER 26651.00

INSPECTOR NAME A. Hadley

EQUIPMENT USED Kubota KX-161

EXCAVATING COMPANY E. Dennis/ECD Excavating

WATER: DEPTH: Dry TIME: 0.25 hr

WATER: DEPTH: Dry TIME: 3.25 hr

DEPTH (FT)	USCS	H ₂ O CONTENT **	GRAPHIC LOG	DESCRIPTION		REMARKS	
				DEPTH	ELEVATION		
0.0	ML	M		0.6	Topsoil (7")	186.4	0.6
0.6	ML	M		2.3	Brown silt with trace fine sand, few fine roots	184.7	2.3
2.3	ML	M		3.4	Brown, silt with trace fine sand and clay, common medium distinct to prominent mottles, few fine roots	183.6	3.4
3.4	ML	M		4.8	Reddish brown, clayey silt with channers common medium, distinct mottles moderate prismatic	182.2	4.8
4.8	CL-ML	M		6.0	Reddish brown, silt with trace fine sand and some to abundant channers (Decomposed siltstone)	181.0	6.0
6.0	GM	M		10.0	Reddish brown clayey silt with abundant channers (Weathered Siltstone)	177.0	10.0
10.0	GW	M					
					End of Test Pit		
							Limiting Zone: Mottled 2.3 to 4.8 feet

* D = DRY, M = MOIST, W = WET



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**TEST PIT
LOG**

PIT NO.	<u>TP-8</u>
SHEET	<u>1</u> OF <u>1</u>
DATE: START	<u>11/12/13</u>
END	<u>11/12/13</u>
SURFACE ELEV. (FT)	<u>216.0</u>

PROJECT NAME Fillmore Village Phase IV

PROJECT LOCATION Phoenixville Borough, Montgomery Co., PA

PROJECT NUMBER 26651.00

INSPECTOR NAME A. Hadley

EQUIPMENT USED Kubota KX-161

EXCAVATING COMPANY E. Dennis/ECD Excavating

WATER: DEPTH: Dry TIME: 0.25 hr

WATER: DEPTH: Dry TIME: 2.00 hr

DEPTH (FT)	USCS	H ₂ O CONTENT **	GRAPHIC LOG	DESCRIPTION		REMARKS
				DEPTH	ELEVATION	
0.0	ML	M		0.7	215.3	0.7
0.7				215.3	0.7	
	CL-ML	M		2.5	213.5	2.5
2.5				213.5	2.5	
	GP	M		3.5	212.5	3.5
3.5				212.5	3.5	
				End of Test Pit at bucket refusal		
						Limiting zone: very dense weathered rock at 2.5 feet

* D = DRY, M = MOIST, W = WET



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TEST PIT LOG

PIT NO.	TP-9
SHEET	1 OF 1
DATE: START	11/11/13
END	11/11/13
SURFACE ELEV. (FT)	195.7

PROJECT NAME Fillmore Village Phase IV

PROJECT LOCATION Phoenixville Borough, Montgomery Co., PA

PROJECT NUMBER 26651.00

INSPECTOR NAME A. Hadley

EQUIPMENT USED Kubota KX-161

EXCAVATING COMPANY E. Dennis/ECD Excavating

WATER: DEPTH: Dry TIME: 0.25 hr

WATER: DEPTH: Dry TIME: 1.50 hr

DEPTH (FT)	USCS	H ₂ O CONTENT **	GRAPHIC LOG	DESCRIPTION		REMARKS
				DEPTH	ELEVATION	
0.0	ML	M		0.0	195.1	Topsoil (7")
0.6	ML	D		0.6	194.5	Brown silt with some fine sand, few to some fine roots
1.2	ML	D		1.2	192.9	Reddish brown, silt with some clay and trace fine sand, with trace roots
2.8	ML	D		2.8	190.7	Reddish brown, silt with some clay and trace fine sand, few fine roots along prism faces, common medium distinct mottles
5.0	ML	D		5.0	188.2	Reddish brown to dark reddish brown silt with clay and fine sand, some channers (Decomposed siltstone)
7.5	GW	D		7.5	187.7	Dark reddish brown, channers with some silt (Weathered Siltstone)
8.0	GP	D		8.0	187.4	Dark reddish brown channers with silt (Weathered Siltstone)
8.3				8.3		End of Test Pit

* D = DRY, M = MOIST, W = WET



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**TEST PIT
LOG**

PIT NO.	<u>TP-10</u>
SHEET	<u>1</u> OF <u>1</u>
DATE: START	<u>11/11/13</u>
END	<u>11/11/13</u>
SURFACE ELEV. (FT)	<u>187.7</u>

PROJECT NAME Fillmore Village Phase IV

PROJECT LOCATION Phoenixville Borough, Montgomery Co., PA

PROJECT NUMBER 26651.00

INSPECTOR NAME A. Hadley

EQUIPMENT USED Kubota KX-161

EXCAVATING COMPANY E. Dennis/ECD Excavating

WATER: DEPTH: Dry TIME: 0.25 hr

WATER: DEPTH: Dry TIME: 0.50 hr

DEPTH (FT)	USCS	H ₂ O CONTENT **	GRAPHIC LOG	DESCRIPTION		REMARKS
				DEPTH	ELEVATION	
0.0				0.0	186.8	
0.9	ML	M		Topsoil (11")	186.8	0.9
1.8	ML	M		Brown silt with trace fine sand and clay, few fine roots	185.9	1.8
3.3	ML	D		Dark reddish brown, silt with some clay, trace fine sand and rounded channers, portions with common, medium, prominent mottles	184.4	3.3
6.3	CL-ML	D		Dark reddish brown clayey silt with trace fine sand and some channers weak prismatic with faint mottling along prism faces (Decomposed Siltstone)	181.4	6.3
10.0	GW	D		Dark reddish brown, gravel with some silt (Decomposed siltstone)	177.7	10.0
				End of Test Pit		
						Limiting Zone- mottled/restrictive from 1.8 to 6.3 feet

* D = DRY, M = MOIST, W = WET



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**TEST PIT
LOG**

PIT NO.	TP-11
SHEET	1 OF 1
DATE: START	11/12/13
END	11/12/13
SURFACE ELEV. (FT)	218.6

PROJECT NAME Fillmore Village Phase IV

PROJECT LOCATION Phoenixville Borough, Montgomery Co., PA

PROJECT NUMBER 26651.00

INSPECTOR NAME A. Hadley

EQUIPMENT USED Kubota KX-161

EXCAVATING COMPANY E. Dennis/ECD Excavating

WATER: DEPTH: Dry TIME: 0.25 hr

WATER: DEPTH: Dry TIME: 3.50 hr

DEPTH (FT)	USCS	H ₂ O CONTENT **	GRAPHIC LOG	DESCRIPTION		REMARKS
				DEPTH	ELEVATION	
0.0						
0.9	ML	M		0.9	217.7	0.9
	CL-ML	M				Easy to moderate excavation, moist, medium dense to dense (3% Channers)
4.8				4.8	213.8	4.8
5.5	ML	M		5.5	213.1	5.5
	GM	M				Easy to moderate excavation, moist, medium dense to dense (60-80% channers)
8.0				8.0	210.6	8.0
	GM	M				Moderate excavation, moist, dense (>90% Channers)
10.5				10.5	208.1	10.5
						End of Test Pit
						Double ring infiltration tests seated at 3.0 and 5.0 feet
						Limiting Zone: Mottled/ fine grain 0.9 to 4.8 feet, rock at 8.0'

* D = DRY, M = MOIST, W = WET



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**TEST PIT
LOG**

PIT NO.	<u>TP-12</u>
SHEET	<u>1</u> OF <u>1</u>
DATE: START	<u>11/12/13</u>
END	<u>11/12/13</u>
SURFACE ELEV. (FT)	<u>199.0</u>

PROJECT NAME Fillmore Village Phase IV

PROJECT LOCATION Phoenixville Borough, Montgomery Co., PA

PROJECT NUMBER 26651.00

INSPECTOR NAME A. Hadley

EQUIPMENT USED Kubota KX-161

EXCAVATING COMPANY E. Dennis/ECD Excavating

WATER: DEPTH: Dry TIME: 0.25 hr

WATER: DEPTH: Dry TIME: 2.50 hr

DEPTH (FT)	USCS	H ₂ O CONTENT **	GRAPHIC LOG	DESCRIPTION		REMARKS
				DEPTH	ELEVATION	
0.0				0.0	199.0	
1.0	ML	M		1.0	198.0	1.0
2.0	ML	M		2.0	197.0	2.0
	CL-ML	M				
8.0				8.0	191.0	8.0
				End of Test Pit		
						Limiting zone - Mottled 1.0 to 8.0 feet

* D = DRY, M = MOIST, W = WET



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**TEST PIT
LOG**

PIT NO.	<u>TP-13</u>
SHEET	<u>1</u> OF <u>1</u>
DATE: START	<u>11/12/13</u>
END	<u>11/12/13</u>
SURFACE ELEV. (FT)	<u>189.0</u>

PROJECT NAME Fillmore Village Phase IV

PROJECT LOCATION Phoenixville Borough, Montgomery Co., PA

PROJECT NUMBER 26651.00

INSPECTOR NAME A. Hadley

EQUIPMENT USED Kubota KX-161

EXCAVATING COMPANY E. Dennis/ECD Excavating

WATER: DEPTH: Dry TIME: 0.25 hr

WATER: DEPTH: Dry TIME: 2.00 hr

DEPTH (FT)	USCS	H ₂ O CONTENT **	GRAPHIC LOG	DESCRIPTION		REMARKS	
				DEPTH	ELEVATION		
0.0	ML	M		0.5	Topsoil (6")	188.5	0.5
0.5	CL	M		1.5	Brown, clay with some silt, many medium prominent bluish gray to light brown mottles	187.5	1.5
1.5				Brown; silt with some fine sand and trace clay, mottled, strong coarse prismatic structure		Easy excavation, moist, medium dense	
8.0	ML	M		8.0	Reddish brown, silt with some clay, trace fine sand, mottled (Decomposed Siltstone)	181.0	8.0
10.0	ML	M		10.0	End of Test Pit	179.0	10.0
Limiting Zone: Mottled 0.5 to 10.0 feet							
Several erosional gullies in vicinity							

* D = DRY, M = MOIST, W = WET



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**TEST PIT
LOG**

PIT NO.	TP-14
SHEET	1 OF 1
DATE: START	11/12/13
END	11/12/13
SURFACE ELEV. (FT)	219.0

PROJECT NAME Fillmore Village Phase IV

PROJECT LOCATION Phoenixville Borough, Montgomery Co., PA

PROJECT NUMBER 26651.00

INSPECTOR NAME A. Hadley

EQUIPMENT USED Kubota KX-161

EXCAVATING COMPANY E. Dennis/ECD Excavating

WATER: DEPTH: Dry TIME: 0.25 hr

WATER: DEPTH: Dry TIME: 0.25 hr

DEPTH (FT)	USCS	H ₂ O CONTENT **	GRAPHIC LOG	DESCRIPTION		REMARKS
				DEPTH	ELEVATION	
0.0				0.0	218.1	
0.9	ML	M		Topsoil (11")	218.1	0.9
2.3	CL-ML	M		Reddish brown clayey silt with trace to some gravel, few faint mottles	216.7	2.3
5.1	ML	D		Brown, sandy silt with some channers with roots (Weathered Sandstone)	213.9	5.1
8.0	GM	M		Dark reddish brown channers with trace fine sand and silt (Weathered Siltstone)	211.0	8.0
9.0	GP	M		Channers with silt and fine sand, few medium roots (Weathered Sandstone)	210.0	9.0
				End of Test Pit		

* D = DRY, M = MOIST, W = WET



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**TEST PIT
LOG**

PIT NO.	TP-16
SHEET	1 OF 1
DATE: START	11/12/13
END	11/12/13
SURFACE ELEV. (FT)	192.4

PROJECT NAME Fillmore Village Phase IV

PROJECT LOCATION Phoenixville Borough, Montgomery Co., PA

PROJECT NUMBER 26651.00

INSPECTOR NAME A. Hadley

EQUIPMENT USED Kubota KX-161

EXCAVATING COMPANY E. Dennis/ECD Excavating

WATER: DEPTH: Dry TIME: 0.00 hr

WATER: DEPTH: Dry TIME: 0.25 hr

DEPTH (FT)	USCS	H ₂ O CONTENT **	GRAPHIC LOG	DESCRIPTION		REMARKS
				DEPTH	ELEVATION	
0.0				0.0	191.6	
0.8	ML	M		0.8	191.6	0.8
1.3	ML	M		1.3	191.1	Easy excavation, moist, medium dense
	CL-ML	D		3.5	188.9	Moderate excavation, dry, dense (5% Channers)
3.5				3.5	188.9	3.5
	ML	M		6.5	185.9	Moderate excavation, dry, very dense
6.5				6.5	185.9	6.5
				End of test pit		
						Limiting Zone: Mottled 1.3 to 6.5 feet

* D = DRY, M = MOIST, W = WET

Double Ring Infiltrometer Test Results

Test Hole Number	Surface Elevation (ft.)	*Infiltration Depth (ft.)	Drop in Water within Inner Ring during Presoak Period (in.)		Drop in Water within Inner Ring at Time (in.)						**Infiltration Rate			
			30 min.	60 min.	30 min	60 min	90 min	120 min				Inches/Hour		
DR-6A	187.0	4.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000					0.00
DR-6B	187.0	6.5	0.125	0.000	0.000	0.000	0.000	0.000	0.000					0.00
DR-7A	183.0	2.5	0.375	0.250	0.125	0.000	0.000	0.000	0.000					0.00
DR-7B	183.0	4.0	1.000	0.500	0.125	0.125	0.125	0.125	0.125					0.25
DR-11A	218.6	3.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000					0.00

* Infiltration depths were measured from existing site grades at the time of the investigation.

Test Hole Number	Surface Elevation (ft.)	*Infiltration Depth (ft.)	Drop in Water within Inner Ring during Presoak Period (in.)		Drop in Water within Inner Ring at Time (in.)						**Infiltration Rate			
			30 min.	60 min.	10 min	20 min	30 min	40 min				Inches/Hour		
DR-11B	218.6	5.0	>6	>6	4.500	4.500	4.250	4.250				10.00	25.50	

**Measured infiltration rates do not include a factor of safety for the design infiltration rate.

Indicates the final reading that was used to determine the infiltration rate at the corresponding location.



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INFILTRATION TESTING LOG

Project Name: Fillmore Village Phase IV

Project Number: 26651.00

Date of Testing: 11/12/2013

EEI Representative: A. Hadley

Drawn/ Compiled by:

Date Compiled:



EARTH ENGINEERING INCORPORATED

Geotechnical Engineers & Geologists

October 28, 2016

EEI Project No: 26651.02

Mr. Dave Moskowitz
Franklin Phoenixville, LP
400 Franklin Avenue
Phoenixville PA 19460

Phone: 610-983-4632

Email: DHMoskowitz@aol.com

**Re: Supplemental Stormwater Infiltration
Testing Fillmore Village –
Odessa Property Phoenixville Borough,
Chester County, PA**

Dear Mr. Moskowitz:

Earth Engineering Incorporated (EEI) has prepared this letter to present the results of the infiltration testing performed at the above-referenced site. The purpose of this investigation was to provide supplemental infiltration data for design of the stormwater management facilities at the site. Detailed descriptions of the site, field investigation methods, and subsurface conditions may be found in EEI's *Due Diligence Test Pit Investigation and Infiltration Testing Letter*, dated December 16th 2013.

The scope of the current infiltration investigation was developed to further evaluate the feasibility of infiltration at the subject site. During the previous due diligence investigation, the infiltration testing scope was limited to a relatively small number of tests across the site since site and grading plans were not yet available. Since then the proposed basin footprints and grades have been developed by the project Civil Engineer, BL Companies (BLC), as shown on the *Post Construction Stormwater Management Plans*, dated March 3, 2016. The supplemental infiltration data was collected at the direction of BLC. The scope of work was completed in general accordance with EEI proposal BB-15463, dated September 1, 2016. This letter documents the results of the supplemental testing.

Field Investigation

Eight (8) additional test pits, denoted as TP-2-1 through TP-2-8 were excavated on September 28th, 2016, by Wayne Carmint Landscaping of King of Prussia, Pennsylvania, utilizing a Case 580 Super M Backhoe and on October 3rd, by Chris Cox utilizing a CAT 416 C Backhoe. The test pits were excavated to depths of 8.0 to 9.5 feet below existing grade. The exposed soil profiles were examined to obtain limiting zone information such as the groundwater table, soil mottling, very dense weathered rock or other restrictive features.

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Double Ring Infiltration Testing

A total of sixteen (16) double ring infiltration tests were conducted at the site. Two (2) infiltration tests were completed within each test pit. The infiltration tests are denoted in this report denoted with a “DR” followed by the number of the test pit and the letter of the infiltration test. For example the two double ring infiltration tests conducted at test pit location TP-4 are designated as DR-4A and DR-4B. Procedures and equipment used for the infiltration testing are in general accordance with the Pennsylvania Best Management Practices

Test Pit Logs that provide specific soil detail for design of the proposed stormwater facilities are enclosed. In addition to the soil descriptions, the test pit logs indicate the type and depth of the limiting zones encountered at each test boring. A summary of the limiting zone information is provided in Table I.

Groundwater

Extended groundwater monitoring was not within the scope of this investigation. However, groundwater measurements were made immediately after excavation and up to 4.0 hours after completion. Groundwater was not observed at any of the test pit locations. It should be noted that these observations were made at the time of the investigation and that the groundwater table elevations may fluctuate with daily, seasonal, and climatic variations.

Additional Data Summary

The following table summarizes the type and depth of limiting zones. Additional detail regarding the soils and limiting zones is provided on the enclosed Test Pit Logs.

TABLE I – LIMITING ZONES AT TEST LOCATIONS					
Test Pit Number	^{1.)} Ground Surface Elevation (ft)	Limiting Zone Type	^{2.)} Limiting Zone Depth (ft)	Limiting Zone Elevation (ft)	^{2.)} Infiltration Depth (ft)
TP-2-1	216.0	Restrictive (0.0 in/hr)	4.9 to 7.0	211.1 to 209.0	5.0
		Rock	7.0	209.0	
TP-2-2	224.0	Restrictive (0.0 in/hr)	2.0 to 6.5	222.0 to 217.5	4.5
		Rock	6.5	217.5	
TP-2-3	218.5	Restrictive (0.0 in/hr)	1.0 to 2.8	217.5 to 215.7	1.0
		Rock	7.5	211.0	
TP-2-4	208.3	Mottled	1.7 to 2.0	206.6 to 206.3	2.2
		Rock	7.5 to 8.0	200.8 to 200.3	
TP-2-5	203.0	Mottled & restrictive	0.6 to 7.0	202.4 to 196.0	3.8
		Rock	7.0	196.0	
TP-2-6	189.5	Mottled and restrictive	2.2 to 9.5	187.3 to 180.0	5.8
TP-2-7	188.7	Mottled	1.7 to 4.5	187.0 to 184.2	5.0
		Rock	7.0	181.7	



TP-2-8	177.3	Mottled	1.6 to 3.6	175.7 to 173.7	5.3
		Restrictive (0.00 in/hr)	3.5 to 6.0	173.7 to 171.3	
		Rock	7.3	170.0	

- 1). Ground surface elevations provided by BL Companies.
 2). Depths measured from existing grade at the time of excavation

Table II, below, provides a summary of the measured infiltration rates. These are raw field measured values and do not include a safety factor.

TABLE II – INFILTRATION RATES AT TEST LOCATIONS						
Basin Location	Infiltration Test Number	Ground Surface Elevation (ft)	²⁾ Infiltration Test Depth (ft)	Test Interval (min)	Final Drop in Water Level (in)	Infiltration Rate (in/hr)
Bioretention #2	DR-2-1A	216.0	5.0	30	0.000	0.000
	DR-2-1B	216.0	5.0	30	0.000	0.000
Parking Area adjacent to Building B	DR-2-2A	224.0	4.5	30	0.000	0.000
	DR-2-2B	224.0	4.5	30	0.000	0.000
	DR-2-3A	218.5	1.0	30	0.063	0.125
	DR-2-3B	218.5	1.0	30	0.000	0.000
Bioretention Basin #3	DR-2-4A	208.3	2.2	30	0.063	0.125
	DR-2-4B	208.3	2.2	30	0.063	0.125
	DR-2-5A	203.0	3.8	30	0.000	0.000
	DR-2-5B	203.0	3.8	30	0.000	0.000
Bioretention Basin #4	DR-2-6A	189.5	5.8	30	0.000	0.000
	DR-2-6A	189.5	5.8	30	0.000	0.000
	DR-2-7B	188.7	5.0	30	0.125	0.250
	DR-2-7A	188.7	5.0	30	0.125	0.250
Bioretention Basin #6	DR-2-8B	177.3	5.3	30	0.000	0.000
	DR-2-8A	177.3	5.3	30	0.000	0.000

- 1). Ground surface elevations provided by BL Companies.
 2). Depths measured from existing grade at the time of excavation.

CONCLUSIONS

As per the PA BMP Manual the acceptable infiltration rates for soil to be considered for infiltration is 0.10 to 10.00 inches per hour. Stormwater infiltration facilities should also maintain at least 2.0 feet above limiting zones. As confirmed by the infiltration testing conducted at the site, there are no basin locations that meet both the minimum infiltration rate requirement and limiting zone clearance requirement required to be considered for infiltration. Consequently, infiltration is not recommended.



LIMITATIONS

The information contained in this letter is based upon the subsurface data collected and on details stated in this letter. Should conditions arise which differ from those specifically stated herein, our office should be notified immediately so that our conclusions can be reviewed and revised, if necessary.

The scope of work for this project was limited to providing infiltration test results for the proposed stormwater infiltration facilities, as discussed herein. This report offers no facts or opinions related to potential impacts resulting from infiltrating stormwater at this location on structures and surrounding areas. No conclusions or recommendations related to geotechnical conditions at the site are discussed or inferred herein. It is emphasized that this stormwater infiltration investigation was conducted for the proposed Fillmore Village – Odessa Property Development in Phoenixville Borough, Chester County, Pennsylvania. Earth Engineering Incorporated does not assume any responsibility in using this report for drainage system consideration or designs other than at the specific site addressed.

We trust this is the information you require. If you have any questions regarding the information contained herein, please call.

Sincerely,
EARTH ENGINEERING INCORPORATED



A. Nathaniel Hadley, SEO
Soil Scientist



Patrick M. McNamara, P.E.
Director – Geotechnical Investigations





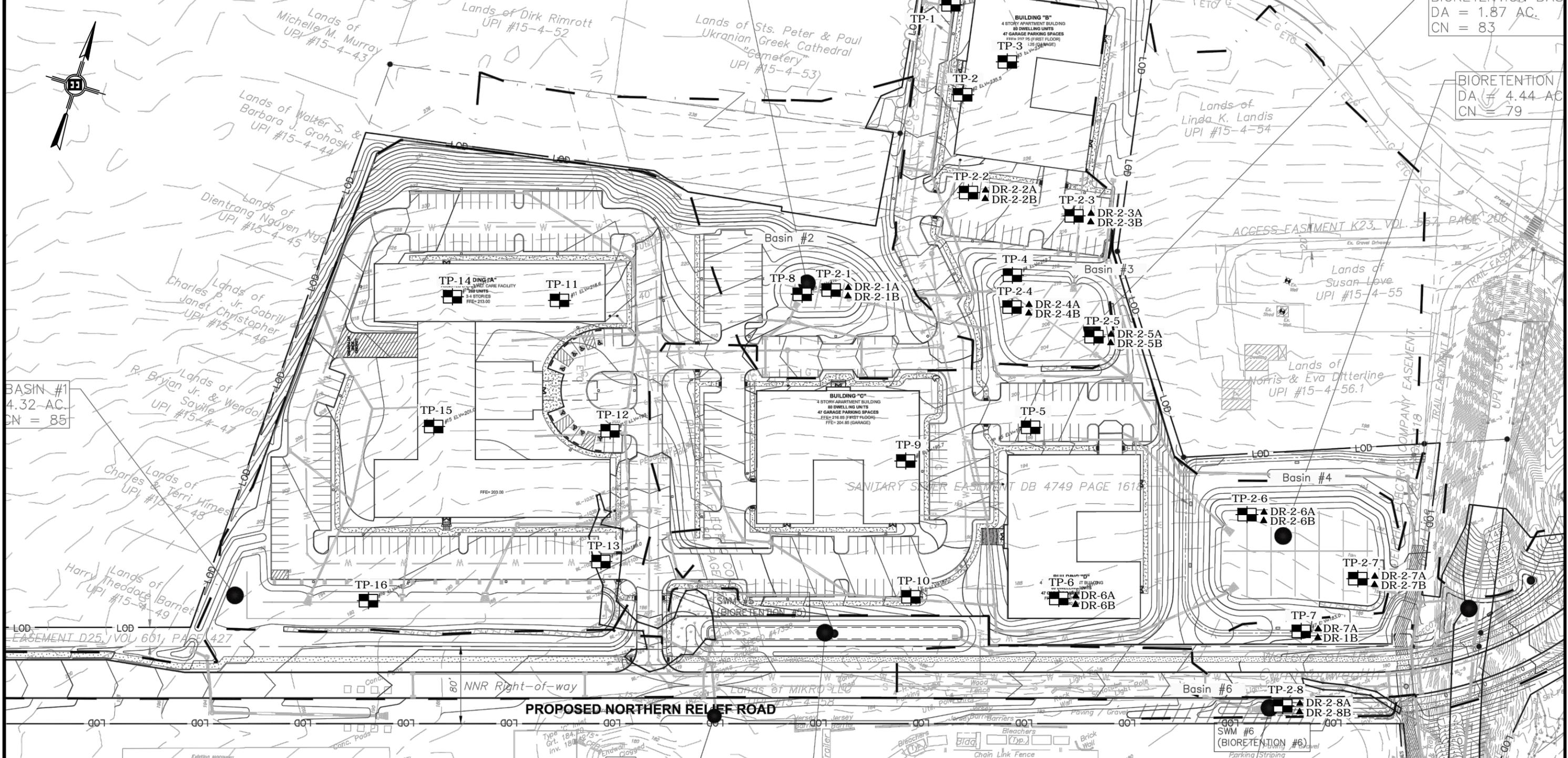
BIORETENTION BASIN #1
DA = 1.87 AC.
CN = 83

BIORETENTION BASIN #2
DA = 4.44 AC.
CN = 79

BASIN #1
4.32 AC.
CN = 85

BIORETENTION BASIN #5
DA = 1.67 AC.
CN = 86

BIORETENTION BASIN #6
DA = 0.80 AC.
CN = 86



EASEMENT D25, VOL 601, PAGE 427

SANITARY SEWER EASEMENT DB 4749 PAGE 1618

ACCESS EASEMENT K23, VOL 557, PAGE 200

PROPOSED NORTHERN RELIEF ROAD

SUB
POI

BASE PLAN DEVELOPED BY: BL Companies

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TESTING LOCATION PLAN

PREPARED FOR
ODESSA PROPERTY
PHOENIXVILLE BOROUGH, CHESTER COUNTY, PA



- KEY:**
- APPROXIMATE TEST PIT LOCATION
 - APPROXIMATE DRI LOCATION

Scale: 1" = 100'	Date: 10/05/2016	Drawn By: ANH	Checked By: PMM
Drawing Number: 26651.00-B-101	Approved By: PMM	Sheet No. 1 OF 1	

Double Ring Infiltrometer Test Results

Test Hole Number	Surface Elevation (ft.)	*Infiltration Depth (ft.)	Drop in Water within Inner Ring during Presoak Period (in.)		Drop in Water within Inner Ring at Time (in.)								Infiltration Rate Inches/Hour	
			30 min.	60 min.	30 min	60 min	90 min	120 min	min	min	min	min		
			DR-2-2A	224.0	4.5	0.063	0.063	0.063	0.000	0.000	0.000			
DR-2-2B	224.0	4.5	0.063	0.063	0.063	0.063	0.063	0.000						0.000
DR-2-3A	218.5	1.0	0.125	0.125	0.063	0.063	0.063	0.063						0.125
DR-2-3B	218.5	1.0	0.063	0.063	0.063	0.000	0.000	0.000						0.000
DR-2-4A	208.3	2.2	0.125	0.125	0.125	0.063	0.063	0.063						0.125
DR-2-4B	208.3	2.2	0.125	0.125	0.125	0.063	0.063	0.063						0.125
DR-2-5A	203.0	3.8	0.125	0.063	0.063	0.000	0.000	0.000						0.000
DR-2-5B	203.0	3.8	0.125	0.063	0.000	0.000	0.000	0.000						0.000

Test Hole Number	Surface Elevation (ft.)	*Infiltration Depth (ft.)	Drop in Water within Inner Ring during Presoak Period (in.)		Drop in Water within Inner Ring at Time (in.)								Infiltration Rate Inches/Hour	
			30 min.	60 min.	min	min	min	min						

* Infiltration depths were measured from existing site grades at the time of the investigation.

Indicates the final reading that was used to determine the infiltration rate at the corresponding location.



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INFILTRATION TESTING LOG

Project Name: Filmore Village- Odessa Property
Project Number: 26651.02
Date of Testing: 9/28/2016
EEI Representative: A. Hadley
Drawn/ Compiled by: A. Hadley
Date Compiled: 10/5/2016

Double Ring Infiltrometer Test Results

Test Hole Number	Surface Elevation (ft.)	*Infiltration Depth (ft.)	Drop in Water within Inner Ring during Presoak Period (in.)		Drop in Water within Inner Ring at Time (in.)								Infiltration Rate Inches/Hour	
			30 min.	60 min.	30 min	60 min	90 min	120 min	min	min	min	min		
			DR-2-1A	216.0	5.0	0.125	0.125	0.000	0.000					
DR-2-1B	216.0	5.0	0.063	0.063	0.000	0.000								0.000
DR-2-6A	189.5	5.8	0.063	0.000	0.000	0.000	0.000	0.000	0.000					0.000
DR-2-6B	189.5	5.8	0.063	0.000	0.000	0.000	0.000	0.000	0.000					0.000
DR-2-7A	188.7	5.0	4.250	1.000	0.125	0.125	0.125	0.125	0.125					0.250
DR-2-7B	188.7	5.0	0.375	0.038	0.125	0.125	0.125	0.125	0.125					0.250
DR-2-8A	177.3	5.3	0.063	0.063	0.000	0.000	0.000	0.000	0.000					0.000
DR-2-8B	177.3	5.3	0.063	0.000	0.000	0.000	0.000	0.000	0.000					0.000

Test Hole Number	Surface Elevation (ft.)	*Infiltration Depth (ft.)	Drop in Water within Inner Ring during Presoak Period (in.)		Drop in Water within Inner Ring at Time (in.)								Infiltration Rate Inches/Hour	
			30 min.	60 min.	min	min	min	min						

* Infiltration depths were measured from existing site grades at the time of the investigation.

Indicates the final reading that was used to determine the infiltration rate at the corresponding location.



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INFILTRATION TESTING LOG

Project Name: Filmore Village- Odessa Property
Project Number: 26651.02
Date of Testing: 10/5/2016
EI Representative: A. Hadley
Drawn/ Compiled by: A. Hadley
Date Compiled: 10/5/2016

Soil Description Log

Test Pit Location: TP-2-1

Surface Elevation: 216.0'

Equipment Used: Cat 416C Backhoe

Excavating Company: C. Cox

Total Depth: 8.0'

Ground Cover/Setting: Wooded

Limiting Zone: Restrictive (0.00 in/hr) 4.9' to 7.0', Rock 7.0' to 8.0'.

Initial Water Depth: Dry **Time:** 0.25hr **Date:** 10/3/2016

Subsequent Water Depth: Dry **Time:** 3.50hr **Date:** 10/3/2016

Additional Notes: Proposed Basin Bottom Elevation 208.0' (-8.0'). Seat DRI at 5.0' due to rock at 7.0'.

Profile Description

Depth (ft.)	Boundary	Matrix Color	Redox Features	Mottle Color	Texture	Structure	Consistence	Remarks
1 0.0 to 1.3	abrupt smooth	brown	---	---	silt loam	moderate medium granular	friable	easy excavation, moist, very loose; numerous fine roots (Topsoil)
2 1.3 to 2.5	clear smooth	reddish brown	---	---	silty clay loam	moderate medium subangular blocky	somewhat friable	easy excavation, moist, loose to medium dense; few fine roots
3 2.5 to 4.9	gradual smooth	reddish brown	---	---	silty clay loam	moderate medium prismatic/angular blocky	firm	moderate excavation, dry, dense
4 4.9 to 7.0	diffuse smooth	dark reddish gray	---	---	channery silt loam	weak very thick platy	firm	moderate excavation, moist, dense; 20% channers (Decomposed Siltstone/Sandstone)
5 7.0 to 8.0	---	dusky red	---	---	channers	no structure - massive	---	hard excavation, dry, very dense; >90% Channers (Weathered Sandstone)
6								
7								
8								



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Project Name: Filmore Village - Odessa Property

Project Number: 26651.02

Date of Testing: 10/3/2016

EEL Representative: A. Hadley

Compiled by: A. Hadley

Date Compiled: 10/4/2016

Sheet Number: 1

Soil Description Log

Test Pit Location: TP-2-2

Ground Cover/Setting: Wooded

Surface Elevation: 224.0'

Limiting Zone: Restrictive per DRI 2.0' to 6.5', Rock 6.5'

Equipment Used: Case 580 Backhoe

Initial Water Depth: Dry

Time: 0.25hr

Date: 9/28/2016

Excavating Company: Wayne Carmint Landscaping

Subsequent Water Depth: Dry

Time: 3.50hr

Date: 9/28/2016

Total Depth: 8.5'

Additional Notes: Seat DRI at 4.5'.

Profile Description

	Depth (ft.)	Boundary	Matrix Color	Redox Features	Mottle Color	Texture	Structure	Consistence	Remarks
1	0.0 to 0.5	gradual smooth	brown	---	---	channery loam	moderate fine granular	friable	easy excavation, dry, very loose; numerous fine to coarse roots (Topsoil)
2	0.5 to 2.0	clear smooth	brown	---	---	very channery fine sandy loam	weak medium subangular blocky	friable	easy excavation, dry, loose, numerous fine roots
3	2.0 to 6.5	clear smooth	reddish brown	---	---	channery silty clay loam	moderate coarse prismatic	firm	moderate excavation, dry, dense
4	6.5 to 8.5	---	reddish brown	---	---	channers	no structure - massive	---	hard excavation, dry, very dense; >90% Channers (Weathered Sandstone)
5									
6									
7									
8									



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Project Name: Filmore Village - Odessa Property

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EEl Representative: A. Hadley

Compiled by: A. Hadley

Date Compiled: 10/4/2016

Sheet Number: 1

Soil Description Log

Test Pit Location: TP-2-3

Ground Cover/Setting: Wooded

Surface Elevation: 218.5'

Limiting Zone: Restrictive 1.0' to 2.8' per DRI. Rock 7.5' to 8.5'

Equipment Used: Case 580 Backhoe

Initial Water Depth: Dry

Time: 0.25hr

Date: 9/28/2016

Excavating Company: Wayne Carmint Landscaping

Subsequent Water Depth: Dry

Time: 3.50hr

Date: 9/28/2016

Total Depth: 8.5'

Additional Notes: Seat DRI at 1.0'.

Profile Description

Depth (ft.)	Boundary	Matrix Color	Redox Features	Mottle Color	Texture	Structure	Consistence	Remarks	
1	0.0 to 1.0	gradual smooth	brown	---	---	silt loam	strong medium granular	friable	easy excavation, dry, very loose; numerous fine to medium roots (Topsoil)
2	1.0 to 2.8	clear smooth	brown	---	---	fine sandy loam	moderate medium subangular blocky	friable	easy excavation, dry, loose to medium dense; few fine roots (Alluvium)
3	2.8 to 3.3	clear smooth	brown	---	---	very channery fine sandy loam	no structure - massive	---	easy excavation, dry, medium dense to dense 40% channers (Alluvium)
4	3.3 to 7.5	diffuse smooth	reddish brown	---	---	channery silty clay loam	weak medium prismatic	firm	moderate excavation, moist, dense; fragipan, 15% channers (Decomposed Siltstone/Sandstone)
5	7.5 to 8.5	---	reddish brown	coatings	black	channers	no structure - massive	---	hard excavation, dry, very dense; >90% Channers (Weathered Sandstone)
6									
7									
8									



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Project Name: Filmore Village - Odessa Property

Project Number: 26651.02

Date of Testing: 9/28/2016

EEl Representative: A. Hadley

Compiled by: A. Hadley

Date Compiled: 10/4/2016

Sheet Number: 1

Soil Description Log

Test Pit Location: TP-2-4

Surface Elevation: 208.3'

Equipment Used: Case 580 Backhoe

Excavating Company: Wayne Carmint Landscaping

Total Depth: 8.0'

Ground Cover/Setting: Wooded

Limiting Zone: Mottled 1.7' to 2.0', and 6.5' to 7.5'. Rock at 7.5'

Initial Water Depth: Dry **Time:** 0.25hr **Date:** 9/28/2016

Subsequent Water Depth: Dry **Time:** 3.50hr **Date:** 9/28/2016

Additional Notes: Proposed Basin Bottom at 207.5' (-0.8'). Seat DRI at 2.2' due to mottled soils at 1.7' to 2.0'.

Profile Description

	Depth (ft.)	Boundary	Matrix Color	Redox Features	Mottle Color	Texture	Structure	Consistence	Remarks
1	0.0 to 0.5	clear smooth	brown	---	---	loam	strong medium granular	friable	easy excavation, dry, very loose; numerous fine to medium roots (Topsoil)
2	0.5 to 1.7	clear smooth	brown	---	---	loam	moderate medium subangular blocky	friable	easy excavation, dry, loose to medium dense; few fine roots
3	1.7 to 2.0	clear smooth	brown	few medium distinct	strong brown	loam	moderate medium subangular blocky	somewhat friable	easy excavation, dry, loose to medium dense; few fine roots
4	2.0 to 2.7	clear smooth	reddish brown	---	---	very channery fine sandy loam	no structure - massive	---	easy excavation, dry, medium dense to dense 40% channers
5	2.7 to 6.5	gradual smooth	reddish brown	---	---	silty clay loam	weak medium prismatic	firm	moderate excavation, dry, dense;
6	6.5 to 7.5	diffuse smooth	reddish brown	coatings	black	extremely channery silt loam	no structure - massive	---	moderate excavation, moist, dense; fragipan, 15% channers (Decomposed Siltstone/Sandstone)
7	7.5 to 8.0	---	dark reddish brown	coatings	black	channers	no structure - massive	---	hard excavation, dry, very dense; >90% Channers (Weathered Sandstone)
8									



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Project Name: Filmore Village - Odessa Property

Project Number: 26651.02

Date of Testing: 9/28/2016

EEl Representative: A. Hadley

Compiled by: A. Hadley

Date Compiled: 10/4/2016

Sheet Number: 1

Soil Description Log

Test Pit Location: TP-2-5

Surface Elevation: 203.0'

Equipment Used: Case 580 Backhoe

Excavating Company: Wayne Carmint Landscaping

Total Depth: 8.0'

Ground Cover/Setting: Wooded

Limiting Zone: Mottled and/or fragipan 0.6' to 3.8'. Rock at 7.0'

Initial Water Depth: Dry **Time:** 0.25hr **Date:** 9/28/2016

Subsequent Water Depth: Dry **Time:** 3.50hr **Date:** 9/28/2016

Additional Notes: Proposed Basin Bottom at 207.5' (+4.5'). Seat DRI at 3.8' due to mottled soils from 0.6' to 3.8'

Profile Description

Depth (ft.)	Boundary	Matrix Color	Redox Features	Mottle Color	Texture	Structure	Consistence	Remarks	
1	0.0 to 0.6	gradual smooth	brown	---	---	loam	strong medium granular	friable	easy excavation, dry, very loose; numerous fine to coarse roots (Topsoil)
2	0.6 to 1.7	clear smooth	brown	many medium distinct	light brown/strong brown	silt loam	moderate medium subangular blocky	friable	easy excavation, dry, loose to medium dense; some fine roots (Alluvium)
3	1.7 to 3.8	clear smooth	reddish brown	few to common coarse prominent	light gray	silty clay loam	strong very coarse prismatic	very firm	moderate excavation, dry, dense
4	3.8 to 7.0	diffuse smooth	dark reddish brown	---	---	very channery silt loam	no structure - massive	---	moderate to hard excavation, dry, dense to very dense; fragipan, 40% to 70% channers (Decomposed Siltstone/Sandstone)
5	7.0 to 8.0	---	dusky red	---	---	channers	no structure - massive	---	hard excavation, dry, very dense; >90% Channers (Weathered Sandstone)
6									
7									
8									



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Project Name: Filmore Village - Odessa Property

Project Number: 26651.02

Date of Testing: 9/28/2016

EEL Representative: A. Hadley

Compiled by: A. Hadley

Date Compiled: 10/4/2016

Sheet Number: 1

Soil Description Log

Test Pit Location: TP-2-6

Ground Cover/Setting: Wooded

Surface Elevation: 189.5'

Limiting Zone: Mottled/Restrictive 2.2' to 9.5'

Equipment Used: Cat 416C Backhoe

Initial Water Depth: Dry

Time: 0.25hr

Date: 10/3/2016

Excavating Company: C. Cox

Subsequent Water Depth: Dry

Time: 3.50hr

Date: 10/3/2016

Total Depth: 9.5'

Additional Notes: Proposed Elevation 181.5' (-8.0'). Seat DRI at 5.8'.

Profile Description

Depth (ft.)	Boundary	Matrix Color	Redox Features	Mottle Color	Texture	Structure	Consistence	Remarks
1	0.0 to 1.3	abrupt smooth	---	---	silt loam	strong medium granular	friable	easy excavation, moist, very loose; numerous fine roots (Topsoil)
2	1.3 to 2.2	clear smooth	---	---	silt loam	moderate medium subangular blocky	somewhat friable to firm	easy excavation, moist, medium dense; few fine roots (Alluvium)
3	2.2 to 3.8	gradual smooth	common medium distinct	strong brown/light brown	very channery loam	no structure - massive	---	moderate excavation, dry, dense 35% channers (Alluvium)
4	3.8 to 9.0	diffuse smooth	common medium faint to distinct	very channery loam	silty loam	no structure - massive	---	moderate excavation, moist, dense; 20% channers (Decomposed Siltstone/Sandstone)
5	9.0 to 9.5	---	few medium faint to distinct	reddish gray	channery silty clay loam	weak coarse subangular blocky	somewhat friable	hard excavation, dry, very dense; >90% Channers (Weathered Sandstone)
6								
7								
8								



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Project Name: Filmore Village - Odessa Property

Project Number: 26651.02

Date of Testing: 10/3/2016

EEl Representative: A. Hadley

Compiled by: A. Hadley

Date Compiled: 10/4/2016

Sheet Number: 1

Soil Description Log

Test Pit Location: TP-2-7

Ground Cover/Setting: Wooded

Surface Elevation: 188.7'

Limiting Zone: Mottled/Restrictive 1.7' to 4.5'; rock at 7.0'

Equipment Used: Cat 416C Backhoe

Initial Water Depth: Dry **Time:** 0.25hr **Date:** 10/3/2016

Excavating Company: C. Cox

Subsequent Water Depth: Dry **Time:** 3.50hr **Date:** 10/3/2016

Total Depth: 8.5'

Additional Notes: Proposed Basin Bottom Elevation 181.5' (-7.2'). Seat DRI at 5.0'.

Profile Description

Depth (ft.)	Boundary	Matrix Color	Redox Features	Mottle Color	Texture	Structure	Consistence	Remarks	
1	0.0 to 1.7	clear smooth	dark brown	---	---	silt loam	moderate medium granular	friable	easy excavation, moist, very loose; numerous fine roots (Topsoil)
2	1.7 to 2.7	clear smooth	yellowish brown	many coarse prominent	strong brown/light gray	silt loam	moderate medium subangular blocky	friable	easy excavation, moist, medium dense; few fine roots (Alluvium)
3	2.7 to 4.5	gradual smooth	reddish gray	common medium faint to distinct	black	stony sandy clay loam	moderate coarse angular blocky	firm	moderate excavation, dry, dense 35% channers (Alluvium)
4	4.5 to 7.0	diffuse smooth	reddish brown	---	---	channery silt loam	moderate medium prismatic to platy	somewhat friable	moderate excavation, moist, dense; 20% channers, clay skins, porous (Decomposed Siltstone/Sandstone)
5	7.0 to 8.5	---	dark reddish brown	---	---	channers	no structure - massive	---	hard excavation, dry, very dense; >90% Channers (Weathered Sandstone)
6									
7									
8									



**EARTH
ENGINEERING
INCORPORATED**

Geotechnical Engineers & Geologists

115 West Germantown Pike Suite 200 East Norriton, PA 19401
PHONE 610-277-0880 FAX 610-277-0878

Project Name: Filmore Village - Odessa Property

Project Number: 26651.02

Date of Testing: 10/3/2016

EEL Representative: A. Hadley

Compiled by: A. Hadley

Date Compiled: 10/4/2016

Sheet Number: 1

Soil Description Log

Test Pit Location: TP-2-8

Surface Elevation: 177.3'

Equipment Used: Cat 416C Backhoe

Excavating Company: C. Cox

Total Depth: 8.0'

Ground Cover/Setting: Grass lawn

Limiting Zone: mottled 1.6' to 3.5'. Restrictive 3.5' to 6.0', rock 7.3' to 8.0'

Initial Water Depth: Dry **Time:** 0.25hr **Date:** 10/3/2016

Subsequent Water Depth: Dry **Time:** 3.50hr **Date:** 10/3/2016

Additional Notes: Proposed Basin Bottom Elevation 170.0' (-7.3'). Seat DRI at 5.3' due to rock at 7.3'.

Profile Description

	Depth (ft.)	Boundary	Matrix Color	Redox Features	Mottle Color	Texture	Structure	Consistence	Remarks
1	0.0 to 0.3	clear smooth	dark brown	---	---	silt loam	moderate strong granular	friable	easy excavation, moist, very loose; numerous fine roots (Topsoil)
2	0.3 to 1.6	clear smooth	brown	---	---	sandy loam	moderate medium subangular blocky	friable	easy excavation, moist, medium dense; few fine roots (Alluvium)
3	1.6 to 3.5	gradual smooth	yellowish brown	common medium faint to distinct	light brown/strong brown	silt loam	moderate coarse prismatic	firm	easy to moderate excavation, dry, medium dense to dense 35% channers (Alluvium)
4	3.5 to 4.3	gradual smooth	dark reddish gray	---	---	very channery silt loam	no structure - massive	---	moderate excavation, moist, dense; 35% channers, clay skins, porous (Decomposed Siltstone/Sandstone)
5	4.3 to 6.0	gradual smooth	dark reddish gray	---	---	channery sandy loam	no structure - massive	---	moderate excavation, moist, dense; 20% channers
6	6.0 to 7.3	diffuse smooth	dark reddish gray	---	---	very channery sandy loam	no structure - single grain	---	moderate excavation, moist, dense; 35% channers (Decomposed Sandstone)
7	7.3 to 8.0	---	dark reddish gray	---	---	channers	no structure - massive	---	hard excavation, dry, very dense; >90% Channers (Weathered Sandstone)
8									



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APPENDIX B

Soil Resources Report



United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for **Chester County, Pennsylvania**



Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

Custom Soil Resource Report

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

Custom Soil Resource Report

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report Soil Map



Map Scale: 1:3,740 if printed on A landscape (11" x 8.5") sheet.

0 50 100 200 300 Meters

0 150 300 600 900 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features

-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Chester County, Pennsylvania
 Survey Area Data: Version 16, Sep 4, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 3, 2022—Jul 20, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
CyB	Croton silt loam, occasionally ponded, 3 to 8 percent slopes	2.4	9.7%
PeB	Penn silt loam, 3 to 8 percent slopes	8.7	35.6%
PeC	Penn silt loam, 8 to 15 percent slopes	8.2	33.8%
UdtB	Udorthents, shale and sandstone, 0 to 8 percent slopes	0.8	3.5%
UrxB	Urban land-Penn complex, 0 to 8 percent slopes	4.3	17.5%
Totals for Area of Interest		24.4	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it

Custom Soil Resource Report

was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Chester County, Pennsylvania

CyB—Croton silt loam, occasionally ponded, 3 to 8 percent slopes

Map Unit Setting

National map unit symbol: 2tmcj
Elevation: 300 to 800 feet
Mean annual precipitation: 40 to 48 inches
Mean annual air temperature: 50 to 55 degrees F
Frost-free period: 160 to 190 days
Farmland classification: Not prime farmland

Map Unit Composition

Croton, occasionally ponded, and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Croton, Occasionally Ponded

Setting

Landform: Drainageways
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Base slope
Down-slope shape: Concave, linear
Across-slope shape: Linear, concave
Parent material: Residuum weathered from sandstone and shale

Typical profile

Ap - 0 to 11 inches: silt loam
Btg - 11 to 19 inches: silty clay loam
Btxg - 19 to 30 inches: channery silty clay loam
Cx - 30 to 44 inches: channery silt loam
R - 44 to 80 inches: bedrock

Properties and qualities

Slope: 3 to 8 percent
Depth to restrictive feature: 18 to 20 inches to fragipan; 40 to 60 inches to lithic bedrock
Drainage class: Poorly drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.07 to 0.20 in/hr)
Depth to water table: About 10 to 12 inches
Frequency of flooding: None
Frequency of ponding: Occasional
Available water supply, 0 to 60 inches: Very low (about 2.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4w
***Hydrologic Soil Group:* D**
Ecological site: F148XY031PA - Hydric, Triassic, Riparian Zone, Swamp Meadow-Shrub-Forest
Hydric soil rating: Yes

Minor Components

Abbottstown

Percent of map unit: 10 percent

Landform: Hillslopes

Landform position (two-dimensional): Footslope, toeslope

Landform position (three-dimensional): Base slope, head slope

Down-slope shape: Concave, linear

Across-slope shape: Linear, concave

Hydric soil rating: No

Readington

Percent of map unit: 5 percent

Landform: Depressions

Landform position (two-dimensional): Footslope, backslope

Down-slope shape: Concave, linear

Across-slope shape: Concave, linear

Hydric soil rating: No

PeB—Penn silt loam, 3 to 8 percent slopes

Map Unit Setting

National map unit symbol: 2v7gc

Elevation: 70 to 950 feet

Mean annual precipitation: 38 to 53 inches

Mean annual air temperature: 43 to 57 degrees F

Frost-free period: 170 to 240 days

Farmland classification: All areas are prime farmland

Map Unit Composition

Penn and similar soils: 85 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Penn

Setting

Landform: Hills, ridges

Landform position (two-dimensional): Shoulder, summit, backslope

Landform position (three-dimensional): Interfluve, side slope

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Triassic residuum weathered from shale and siltstone and/or triassic residuum weathered from mudstone and/or triassic residuum weathered from sandstone

Typical profile

Ap - 0 to 10 inches: silt loam

Bt1 - 10 to 15 inches: silt loam

Bt2 - 15 to 19 inches: silt loam

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Bt3 - 19 to 22 inches: channery loam
Cr - 22 to 28 inches: bedrock
R - 28 to 38 inches: bedrock

Properties and qualities

Slope: 3 to 8 percent
Depth to restrictive feature: 20 to 27 inches to paralithic bedrock; 27 to 33 inches to lithic bedrock
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately high (0.00 to 0.28 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Low (about 3.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2e
***Hydrologic Soil Group:* B**
Ecological site: F148XY022PA - Dry, Triassic, Upland, Mixed Oak Heath / Oak-Pine Woodland
Hydric soil rating: No

Minor Components

Readington

Percent of map unit: 5 percent
Landform: Hills
Landform position (two-dimensional): Backslope, footslope
Landform position (three-dimensional): Base slope, head slope, side slope
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Hydric soil rating: No

Reaville

Percent of map unit: 5 percent
Landform: Depressions, hills
Landform position (two-dimensional): Footslope, shoulder, backslope
Landform position (three-dimensional): Base slope, side slope
Down-slope shape: Linear
Across-slope shape: Concave
Hydric soil rating: No

Klinesville

Percent of map unit: 5 percent
Landform: Hills, interfluves
Landform position (two-dimensional): Shoulder, backslope
Landform position (three-dimensional): Side slope
Down-slope shape: Linear, convex
Across-slope shape: Convex
Hydric soil rating: No

PeC—Penn silt loam, 8 to 15 percent slopes

Map Unit Setting

National map unit symbol: 2v7gy

Elevation: 70 to 950 feet

Mean annual precipitation: 38 to 53 inches

Mean annual air temperature: 43 to 57 degrees F

Frost-free period: 170 to 240 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Penn and similar soils: 85 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Penn

Setting

Landform: Hills

Landform position (two-dimensional): Shoulder, backslope

Landform position (three-dimensional): Side slope

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Triassic residuum weathered from shale and siltstone and/or sandstone and/or mudstone

Typical profile

Ap - 0 to 10 inches: silt loam

Bt1 - 10 to 15 inches: silt loam

Bt2 - 15 to 19 inches: silt loam

Bt3 - 19 to 22 inches: channery loam

C - 22 to 28 inches: very channery loam

R - 28 to 80 inches: bedrock

Properties and qualities

Slope: 8 to 15 percent

Depth to restrictive feature: 20 to 40 inches to lithic bedrock

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately high (0.00 to 0.28 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Available water supply, 0 to 60 inches: Low (about 4.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3e

Hydrologic Soil Group: B

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Ecological site: F148XY022PA - Dry, Triassic, Upland, Mixed Oak Heath / Oak-Pine Woodland
Hydric soil rating: No

Minor Components

Readington

Percent of map unit: 5 percent
Landform: Depressions
Landform position (two-dimensional): Footslope
Landform position (three-dimensional): Base slope
Down-slope shape: Linear
Across-slope shape: Concave
Hydric soil rating: No

Reaville

Percent of map unit: 5 percent
Landform: Depressions
Landform position (two-dimensional): Footslope
Landform position (three-dimensional): Base slope
Down-slope shape: Linear
Across-slope shape: Concave
Hydric soil rating: No

Klinesville

Percent of map unit: 5 percent
Landform: Hills
Landform position (two-dimensional): Shoulder, backslope
Landform position (three-dimensional): Side slope
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

UdtB—Udorthents, shale and sandstone, 0 to 8 percent slopes

Map Unit Setting

National map unit symbol: 1r3nq
Elevation: 200 to 1,500 feet
Mean annual precipitation: 36 to 55 inches
Mean annual air temperature: 45 to 57 degrees F
Frost-free period: 160 to 214 days
Farmland classification: Not prime farmland

Map Unit Composition

Udorthents, shale and sandstone, and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Udorthents, Shale And Sandstone

Setting

Landform: Ridges
Landform position (two-dimensional): Summit, shoulder, backslope
Landform position (three-dimensional): Interfluve, side slope, nose slope
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Parent material: Graded areas of sandstone and shale

Typical profile

Ap - 0 to 6 inches: silt loam
C - 6 to 60 inches: silt loam

Properties and qualities

Slope: 0 to 8 percent
Depth to restrictive feature: 20 to 99 inches to lithic bedrock
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Moderately low (0.01 to 0.14 in/hr)
Depth to water table: About 60 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Very low (about 2.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: C
Hydric soil rating: No

Minor Components

Penn

Percent of map unit: 5 percent
Landform: Hillslopes
Landform position (two-dimensional): Backslope, shoulder
Landform position (three-dimensional): Side slope, nose slope
Down-slope shape: Convex, linear
Across-slope shape: Linear, convex
Hydric soil rating: No

Bowmansville

Percent of map unit: 2 percent
Landform: Flood plains
Landform position (two-dimensional): Footslope, toeslope
Landform position (three-dimensional): Head slope
Down-slope shape: Concave, linear
Across-slope shape: Linear, concave
Hydric soil rating: No

Abbottstown

Percent of map unit: 2 percent
Landform: Hillslopes
Landform position (two-dimensional): Footslope, toeslope
Landform position (three-dimensional): Base slope, head slope

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Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Hydric soil rating: No

Readington

Percent of map unit: 2 percent
Landform: Hillslopes
Landform position (two-dimensional): Footslope, backslope
Landform position (three-dimensional): Base slope, head slope, side slope
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Hydric soil rating: No

Reaville

Percent of map unit: 2 percent
Landform: Hillslopes
Landform position (two-dimensional): Footslope, summit
Landform position (three-dimensional): Interfluve, base slope
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Hydric soil rating: No

Croton

Percent of map unit: 1 percent
Landform: Depressions
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Base slope
Down-slope shape: Concave, linear
Across-slope shape: Linear, concave
Hydric soil rating: Yes

Berks

Percent of map unit: 1 percent
Landform: Valleys, ridges
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Side slope
Down-slope shape: Convex, linear
Across-slope shape: Linear, convex
Hydric soil rating: No

UrxB—Urban land-Penn complex, 0 to 8 percent slopes

Map Unit Setting

National map unit symbol: 1r3p0
Elevation: 200 to 1,000 feet
Mean annual precipitation: 36 to 55 inches
Mean annual air temperature: 46 to 57 degrees F
Frost-free period: 160 to 215 days
Farmland classification: Not prime farmland

Map Unit Composition

Urban land: 65 percent

Penn and similar soils: 25 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Urban Land

Setting

Landform: Hills

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Pavement, buildings and other artificially covered areas

Typical profile

C - 0 to 6 inches: variable

Properties and qualities

Slope: 0 to 8 percent

Depth to restrictive feature: 10 to 100 inches to lithic bedrock

Available water supply, 0 to 60 inches: Very low (about 0.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8s

Hydric soil rating: No

Description of Penn

Setting

Landform: Hillslopes

Landform position (two-dimensional): Shoulder, backslope

Landform position (three-dimensional): Side slope, nose slope

Down-slope shape: Convex, linear

Across-slope shape: Linear, convex

Parent material: Residuum weathered from shale and siltstone

Typical profile

Ap - 0 to 8 inches: channery silt loam

Bt - 8 to 21 inches: channery silt loam

C - 21 to 34 inches: very channery silt loam

R - 34 to 44 inches: bedrock

Properties and qualities

Slope: 0 to 8 percent

Depth to restrictive feature: 20 to 40 inches to lithic bedrock

Drainage class: Well drained

Runoff class: Very low

*Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.20 to 6.00 in/hr)*

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Available water supply, 0 to 60 inches: Low (about 4.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

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Land capability classification (nonirrigated): 2e

Hydrologic Soil Group: B

Ecological site: F148XY022PA - Dry, Triassic, Upland, Mixed Oak Heath / Oak-Pine Woodland

Hydric soil rating: No

Minor Components

Croton

Percent of map unit: 4 percent

Landform: Depressions

Landform position (two-dimensional): Toeslope

Landform position (three-dimensional): Base slope

Down-slope shape: Concave, linear

Across-slope shape: Linear, concave

Hydric soil rating: Yes

Readington

Percent of map unit: 4 percent

Landform: Hillslopes

Landform position (two-dimensional): Footslope, backslope

Landform position (three-dimensional): Base slope, head slope, side slope

Down-slope shape: Concave, linear

Across-slope shape: Concave, linear

Hydric soil rating: No

Reaville

Percent of map unit: 2 percent

Landform: Hillslopes

Landform position (two-dimensional): Footslope, summit

Landform position (three-dimensional): Interfluvium, base slope

Down-slope shape: Concave, linear

Across-slope shape: Concave, linear

Hydric soil rating: No

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Custom Soil Resource Report

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APPENDIX C

Wetland and Watercourse Evaluation Report

August 14, 2024

Mr. David Moskowitz
Franklin Phoenixville, LP
1890 Rose Cottage Lane
Malvern, PA 19355

RE: Wetland and Waterbody Presence/Absence
Proposed TLR Residential Development
906 through 916 Township Line Road, Phoenixville, PA
BL Project No. 2302858

Dear Mr. Moskowitz:

As requested, BL Companies has performed a Wetland and Waterbody Presence/Absence Determination for the proposed TLR Residential Development (see **Figure 1 and Figure 2**). The study area, which is approximately 3 acres, currently includes four (4) individual residential parcels with four (4) residential dwellings, garages, and sheds. The investigation was conducted on July 19, 2024.

The purpose of this study was to confirm the presence or absence of regulated wetlands and waterbodies on-site. The results of this investigation are discussed below. BL Companies used the on-site routine criteria outlined in the *Corps of Engineers Wetland Delineation Manual* (Environmental Laboratory 1987) in conjunction with the United State Army Corps of Engineers (USACE) *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Eastern Mountain and Piedmont Region* (Version 2.0) (April 2012). The approach recognizes three (3) parameters of hydrology, vegetation, and soils to identify and delineate wetlands. If required, data on hydrology, vegetation, and soils were collected during an on-site investigation. In addition, BL Companies conducted a desktop review of the Project Area utilizing the United States Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI), United States Geological Survey (USGS) National Hydrography Dataset (NHD), Pennsylvania Natural Diversity Inventory (PNDI) Project Review Tool, Federal Emergency Management (FEMA) floodplain mapping, and the Natural Resources Conservation Service (NRCS) hydric soils layer to identify any environmental concerns within the Project Area.

Hydrology was considered present when a minimum of one (1) primary or two (2) secondary indicators were identified. Indicators of wetland hydrology (saturated or inundated soils) along with signs of previous prolonged inundation within the upper 12 inches of the surface were noted at each sample location, when present. Other positive primary indicators of hydrology include high water table, watermarks, sediment deposits, drift deposits, algal mat or crust, iron deposits, inundation visible on aerial imagery, sparsely vegetated concave surface, water-stained leaves, aquatic fauna, marl deposits, hydrogen sulfide odor, oxidized rhizospheres on living roots, presence of reduced iron, recent iron

reduction in tilled soils, or thin muck surface. Additionally, secondary indicators of hydrology include surface soil cracks, drainage patterns, moss trim lines, dry-season water table, crayfish burrows, saturation visible on aerial imagery, stunted or stressed plants, geomorphic position, shallow aquitard, and microtopographic relief. A positive FAC-neutral test which was evaluated as a hydrophytic vegetation indicator is also considered a secondary indicator of hydrology.

Dominant species in a stratum (tree, shrub, herbaceous or vine) were determined by visually estimating the percent cover of each species within a plot of an approximately 30-foot (ft.) radius for trees, 15-ft. radius for saplings/shrubs, 5-ft. radius for herbs, and a 30-ft. radius for woody vines. Dominant vegetation was determined by the 50/20 Rule; by establishing the plant species that individually or collectively account for more than 50 percent of the total coverage of vegetation in the stratum, plus any other species that, by itself, accounts for at least 20 percent of the total. Species nomenclature and wetland indicator status follows that of the USACE *National Wetland Plant List* (2022, Version 3.6). Hydrophytic species are those wetland plants with an indicator status of OBL (obligate wetland), FACW (facultative wetland), or FAC (facultative). Species listed as FACU (facultative upland) or UPL (upland) are more indicative of upland areas and generally do not occur in wetlands. The hydrophytic vegetation criterion was determined to be present if the following tests were met including the Rapid Test, the Dominance Test or the Prevalence Index. All wetland habitats were classified according to the United States Fish and Wildlife Service (USFWS), and *Classification of Wetlands and Deepwater Habitats of the United States* (Cowardin et al. 1979).

As outlined in the National Technical Committee for Hydric Soils Version 8.2 (2018), soils were examined and sampled by using a hand auger to dig to a depth of approximately 12 to 20 inches or to refusal. Soil colors were determined using the 2010 Munsell® Soil Color Chart and taken while moist, or were wetted. Observations of redoximorphic (redox) concentrations, the apparent accumulation of iron (Fe) and manganese (Mn) oxides within the soil profile were noted as appropriate. Redox depletions, bodies of low chroma and value of four (4) or more where Fe-Mn oxides have been stripped were also noted, where observed. These features are usually an indication of periodic, seasonal, or permanent saturated soil conditions (Vepraskas 1994). Observations of hydric soil characteristics were based on the United States Department of Agriculture (USDA) textures, and hydric soil was considered present if one or more of the indicators were identified.

Field investigations also included the identification of watercourses based on flow regime: perennial, intermittent, or ephemeral. Perennial watercourses contain base flow supported with ground water throughout the year. Intermittent watercourses are those that contain base flow supported by ground water at least seasonally. Ephemeral waterbodies are primarily supported by precipitation. Watercourses were also classified in accordance with Cowardin *et al.* (1979). Riverine Systems include all wetlands and deep-water habitats contained within a channel. A channel is defined as “an open conduit either naturally or artificially created which periodically or continuously contains moving water, or which forms

Mr. David Moskowitz
BL Project No. 232858
August 14, 2024
Page 3

a connecting link between two bodies of standing water.” There are six (6) subsystems: Tidal, Lower Perennial, Upper Perennial, Intermittent, Unknown Perennial, and Ephemeral.

According to the NRCS Web Soil Survey, no hydric soils were present within the Study Area.

Based on the desktop studies conducted prior to the site visit, the USFWS online NWI mapping indicates the absence of mapped NWI features within the study area.

According to a review of the online FEMA mapping, the study area is located outside of a regulated flood zone, within an area of minimal flood hazard (Zone X) (Panel 42029C0060G).

A search of the online Pennsylvania Natural Diversity Inventory (PNDI) GIS database was conducted August 14, 2024. Results of the PNDI search (Project Search ID: PNDI-820774) are summarized below and the draft receipt is included in Appendix C.

- PA Game Commission: **Conservation Measure (defer to USFWS)**
- PADCNR: No Further Review Required
- PFBC: No Further Review Required
- USFWS: **Avoidance Measure**

According to USFWS, the proposed project is located in the vicinity of northern long-eared bat spring staging/fall swarming habitat. To ensure take is not reasonably certain to occur, **do not conduct tree removal from May 15 to August 15**. The U.S. Fish and Wildlife Service determined take is not reasonably certain to occur from tree removal if activities are avoided during the pup season (i.e., the range of time when females are close to giving birth (i.e., two weeks prior to birth) and have non-volant [i.e., unable to fly] young).

Field observations were conducted throughout the entire portion of study area. During the field investigation, no inundated or depressional areas were identified, and no wetlands or watercourses were observed. One United States Army Corps of Engineers Wetland Data Form was completed that represented the predominant habitat throughout the entirety of the study area study area. A field data location map showing existing site conditions, data collection locations and photograph locations is attached (see **Figure 3**).

Based upon these observations, it has been determined that the study area consists entirely of upland habitat, and it is highly unlikely that wetlands or watercourses exist within the study area. Please see the enclosed attachments for the associated mapping and photographic documentation and field data forms.

The findings of this presence/absence investigation represent a study of the Project Area for non-tidal wetlands and watercourses. This type of study depends on the time of year, the conditions at that time of year, site-specific influences (e.g. artificial disturbance), and

Mr. David Moskowitz
BL Project No. 232858
August 14, 2024
Page 4

individual professional judgment. It is, therefore, a professional estimate of the Project Area's wetlands and watercourses based upon available information and techniques.

BL Companies appreciates the opportunity to provide environmental services to you. Should you have any questions regarding the above, please contact me at your convenience.

Respectfully submitted,

BL Companies

A handwritten signature in blue ink, appearing to read "J. Kempf".

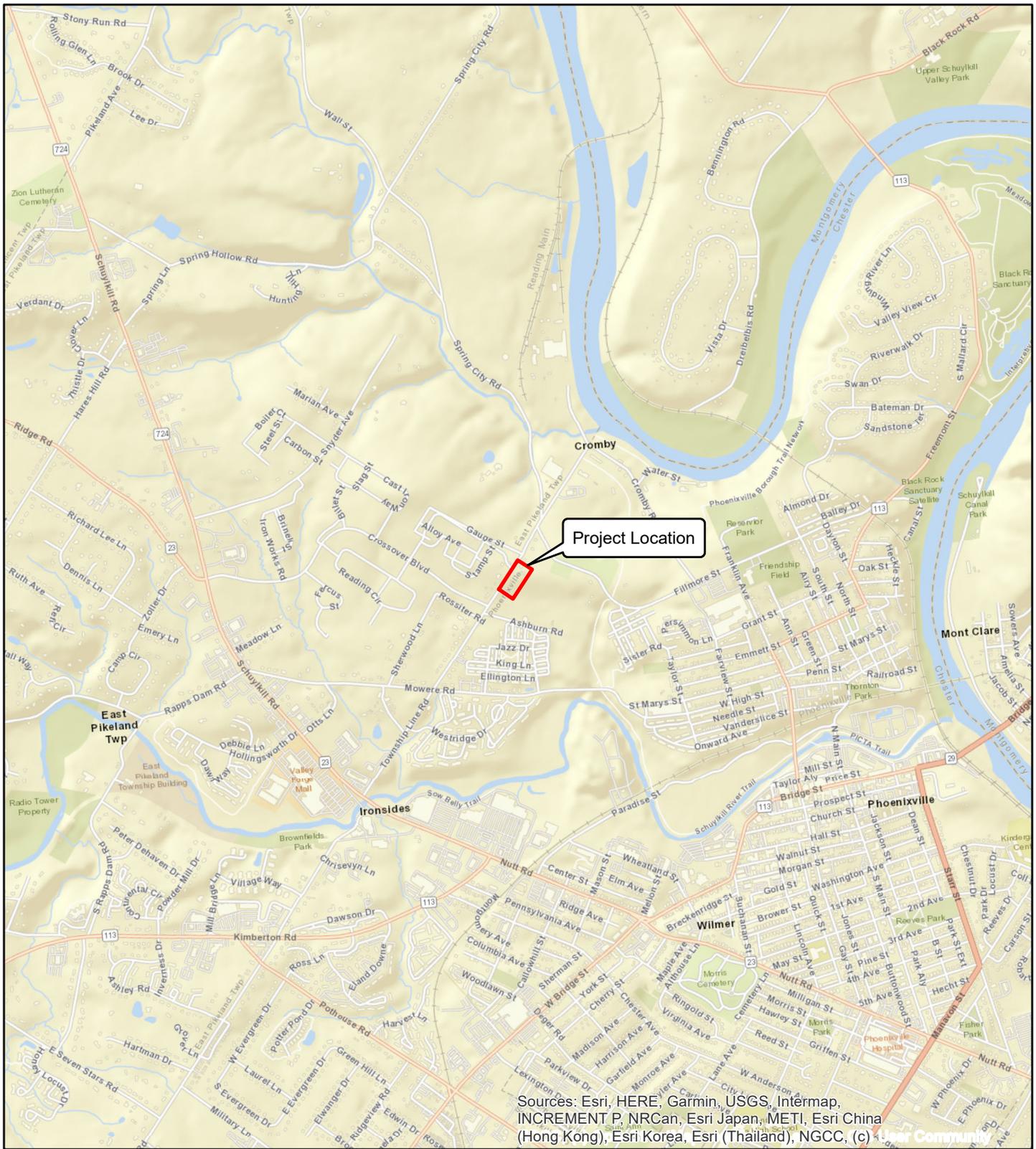
Joseph P. Kempf
Project Scientist

A handwritten signature in black ink, appearing to read "Wesley Wolf".

Wesley G. Wolf
Senior Project Manager

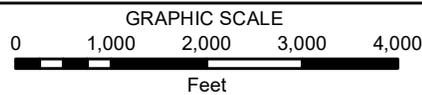
Attachments

Figures



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) 2011 User Community

TLR RESIDENTIAL DEVELOPMENT - STREET PROJECT LOCATION MAP



Legend

Study Area

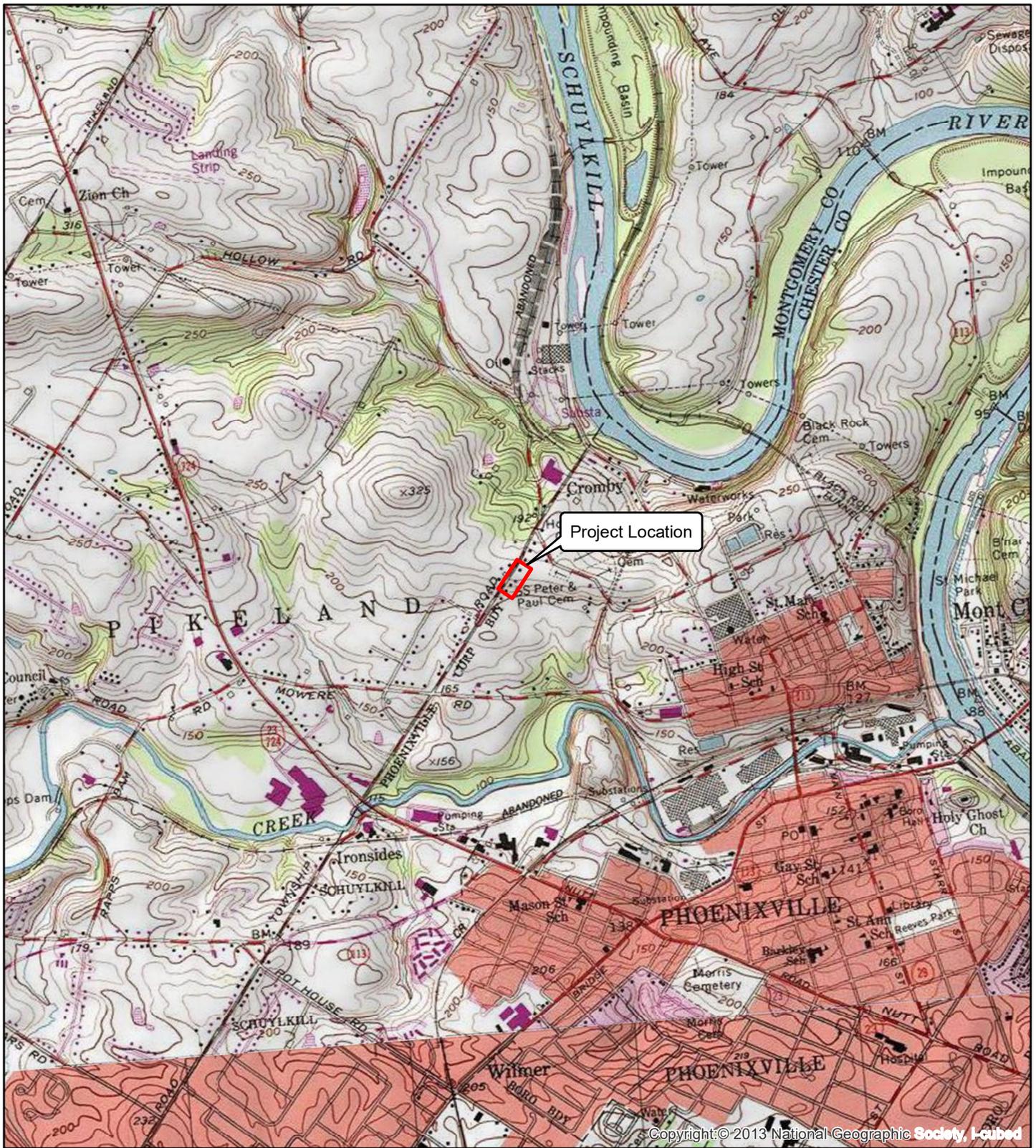
DRAWN BY: JPK	PROJECT NO: 2302858
CHECKED BY: WGW	

SCALE: 1:24,000 1 inch = 2,000 feet	FIGURE 1
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Architecture Engineering Environmental Land Surveying Companies	2601 Market Place Suite 350 Harrisburg, PA 17110 (717) 651-9850
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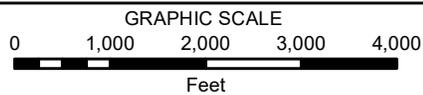
906 - 916 Township Line Road, Phoenixville, PA

Document Path: G:\JOBS\23\28\2302858\GIS\MXD\2302858 - Figure 1. Street Project Location Map.mxd



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TLR RESIDENTIAL DEVELOPMENT - USGS PROJECT LOCATION MAP



DRAWN BY: JPK	PROJECT NO: 2302858
CHECKED BY: WGW	

Legend

Study Area

SCALE: 1:24,000 1 inch = 2,000 feet	FIGURE 2
--	-----------------

Architecture Engineering Environmental Land Surveying Companies	2601 Market Place Suite 350 Harrisburg, PA 17110 (717) 651 - 9850
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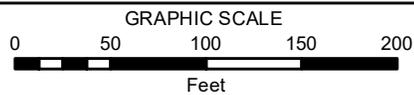
Phoenixville, PA USGS 7.5-Minute Topographic Quadrangle
906 - 916 Township Line Road, Phoenixville, PA

Document Path: G:\JOBS\23\28\2302858\GIS\MXD\2302858 - Figure 2. USGS Project Location Map.mxd



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

TLR RESIDENTIAL DEVELOPMENT - FIELD DATA LOCATION MAP



DRAWN BY:
JPK
CHECKED BY:
WGW

PROJECT NO:
2302858

Legend

- Photo Location/Direction Study Area
- Sample Point (SP)

SCALE:
1:1,200
1 inch = 100 feet

FIGURE 3



2601 Market Place
Suite 350
Harrisburg, PA 17110
(717) 651 - 9850

906 - 916 Township Line Road, Phoenixville, PA

Document Path: G:\JOBS23\28\2302858\GIS\MXD\2302858 - Figure 3. Field Data Location Map.mxd

Pennsylvania Natural Diversity Inventory (PNDI) Search

1. PROJECT INFORMATION

Project Name: **TLR Residential Development**

Date of Review: **8/14/2024 11:56:02 AM**

Project Category: **Development, Residential, Subdivision containing more than 2 lots and/or 2 single-family units**

Project Area: **2.85 acres**

County(s): **Chester**

Township/Municipality(s): **EAST PIKELAND TOWNSHIP; PHOENIXVILLE**

ZIP Code:

Quadrangle Name(s): **PHOENIXVILLE**

Watersheds HUC 8: **Schuylkill**

Watersheds HUC 12: **Lower French Creek; Mingo Creek-Schuylkill River**

Decimal Degrees: **40.143155, -75.532435**

Degrees Minutes Seconds: **40° 8' 35.3575" N, 75° 31' 56.7650" W**

This is a draft receipt for information only. It has not been submitted to jurisdictional agencies for review.

2. SEARCH RESULTS

Agency	Results	Response
PA Game Commission	Conservation Measure	No Further Review Required, See Agency Comments
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife Service	Avoidance Measure	See Agency Response

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate there may be potential impacts to threatened and endangered and/or special concern species and resources within the project area. If the response above indicates "No Further Review Required" no additional communication with the respective agency is required. If the response is "Further Review Required" or "See Agency Response," refer to the appropriate agency comments below. Please see the DEP Information Section of this receipt if a PA Department of Environmental Protection Permit is required.

TLR Residential Development

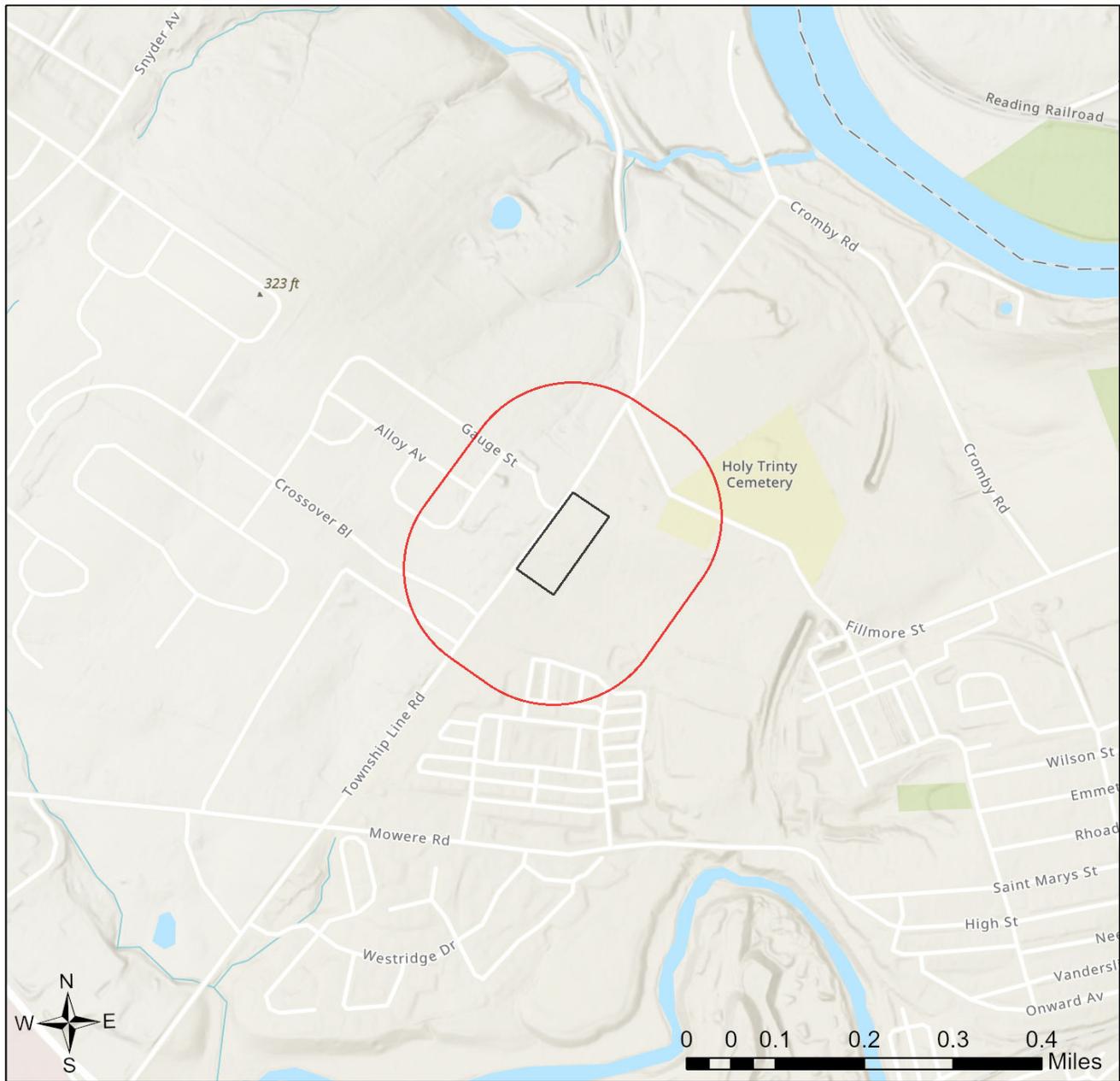


-  Buffered Project Boundary
-  Project Boundary



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

TLR Residential Development



-  Buffered Project Boundary
-  Project Boundary



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

RESPONSE TO QUESTION(S) ASKED

Q1: Which of the following closest describes the proposed project?

Your answer is: The proposed project will be connected to, and entirely serviced by, an existing, off-site water delivery and supply line (e.g., operated by a municipality or water company).

Q2: Describe how wastewater (effluent) will be handled (select one). For the purpose of this question, wastewater/effluent does not include stormwater runoff. If the project involves solely the renewal or modification of an existing discharge permit (e.g., NPDES permit), select from options 3, 4, 5, or 6 below.

Your answer is: All wastewater/effluent from this project/activity will be routed to an existing municipal wastewater treatment plant.

Q3: Accurately describe what is known about wetland presence in the project area or on the land parcel by selecting ONE of the following. "Project" includes all features of the project (including buildings, roads, utility lines, outfall and intake structures, wells, stormwater retention/detention basins, parking lots, driveways, lawns, etc.), as well as all associated impacts (e.g., temporary staging areas, work areas, temporary road crossings, areas subject to grading or clearing, etc.). Include all areas that will be permanently or temporarily affected -- either directly or indirectly -- by any type of disturbance (e.g., land clearing, grading, tree removal, flooding, etc.). Land parcel = the lot(s) on which some type of project(s) or activity(s) are proposed to occur.

Your answer is: Someone qualified to identify and delineate wetlands (holding a natural resource degree or equivalent work experience) has investigated the site, and determined that NO wetlands are located in or within 300 feet of the project area. (A written report from the wetland specialist, and detailed project maps should document this.)

Q4: The proposed project is in the range of the Indiana bat. Describe how the project will affect bat habitat (forests, woodlots and trees) and indicate what measures will be taken in consideration of this. Round acreages up to the nearest acre (e.g., 0.2 acres = 1 acre).

Your answer is: The project will affect 1 to 39 acres of forests, woodlots and trees.

Q5: Is tree removal, tree cutting or forest clearing necessary to implement all aspects of this project?

Your answer is: Yes

Q6: Is tree removal, tree cutting or forest clearing of 40 acres or more necessary to implement all aspects of this project?

Your answer is: No

Q7: How many acres of woodland, forest, forested fencerows and trees will be cut, cleared, removed, disturbed or flooded (inundated) as a result of carrying out all aspects or phases of this project? [Round acreages UP to the nearest acre (e.g., 0.2 acres = 1 acre).]

Your answer is: 1 to 10 acres

3. AGENCY COMMENTS

Regardless of whether a DEP permit is necessary for this proposed project, any potential impacts to threatened and endangered species and/or special concern species and resources must be resolved with the appropriate jurisdictional agency. In some cases, a permit or authorization from the jurisdictional agency may be needed if adverse impacts to these species and habitats cannot be avoided.

These agency determinations and responses are **valid for two years** (from the date of the review), and are based on the project information that was provided, including the exact project location; the project type, description, and features; and any responses to questions that were generated during this search. If any of the following change: 1) project location, 2) project size or configuration, 3) project type, or 4) responses to the questions that were asked during the online review, the results of this review are not valid, and the review must be searched again via the PNDI Environmental Review Tool and resubmitted to the jurisdictional agencies. The PNDI tool is a primary screening tool, and a desktop review may reveal more or fewer impacts than what is listed on this PNDI receipt. The jurisdictional agencies **strongly advise against** conducting surveys for the species listed on the receipt prior to consultation with the agencies.

PA Game Commission

RESPONSE:

Conservation Measure: Potential impacts to state and federally listed species which are under the jurisdiction of both the Pennsylvania Game Commission (PGC) and the U.S. Fish and Wildlife Service may occur as a result of this project. As a result, the PGC defers comments on potential impacts to federally listed species to the U.S. Fish and Wildlife Service. No further coordination with the Pennsylvania Game Commission is required at this time.

PA Department of Conservation and Natural Resources

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

PA Fish and Boat Commission

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

U.S. Fish and Wildlife Service

RESPONSE:

Avoidance Measure: The proposed project is located in the vicinity of northern long-eared bat spring staging/fall swarming habitat. To ensure take is not reasonably certain to occur, do not conduct tree removal from May 15 to August 15. The U.S. Fish and Wildlife Service determined take is not reasonably certain to occur from tree removal if activities are avoided during the pup season (i.e., the range of time when females are close to giving birth (i.e., two weeks prior to birth) and have non-volant (i.e., unable to fly) young). For more information, see the Interim Voluntary Guidance for the Northern Long-Eared Bat: Forest Habitat Modification, available here:

<https://www.fws.gov/library/collections/interim-habitat-modification-guidance>.

As the project proponent or applicant, I certify that I will implement the above Avoidance Measure:

(Signature)

SPECIAL NOTE: If you agree to implement the above Avoidance Measure and if applicable, any Information Requests, no further coordination with this agency regarding threatened and endangered species and/or special concern species and resources is required. If you are not able to comply with the Avoidance Measures, you are required to coordinate with this agency - please send project information to this agency for review (see "What to Send" section).

WHAT TO SEND TO JURISDICTIONAL AGENCIES

If project information was requested by one or more of the agencies above, upload* or email the following information to the agency(s) (see AGENCY CONTACT INFORMATION). Instructions for uploading project materials can be found [here](#). This option provides the applicant with the convenience of sending project materials to a single location accessible to all three state agencies (but not USFWS).

*If information was requested by USFWS, applicants must email, or mail, project information to IR1_ESPenn@fws.gov to initiate a review. USFWS will not accept uploaded project materials.

Check-list of Minimum Materials to be submitted:

___ Project narrative with a description of the overall project, the work to be performed, current physical characteristics of the site and acreage to be impacted.

___ A map with the project boundary and/or a basic site plan (particularly showing the relationship of the project to the physical features such as wetlands, streams, ponds, rock outcrops, etc.)

In addition to the materials listed above, USFWS REQUIRES the following

___ **SIGNED** copy of a Final Project Environmental Review Receipt

The inclusion of the following information may expedite the review process.

___ Color photos keyed to the basic site plan (i.e. showing on the site plan where and in what direction each photo was taken and the date of the photos)

___ Information about the presence and location of wetlands in the project area, and how this was determined (e.g., by a qualified wetlands biologist), if wetlands are present in the project area, provide project plans showing the location of all project features, as well as wetlands and streams.

4. DEP INFORMATION

The Pa Department of Environmental Protection (DEP) requires that a signed copy of this receipt, along with any required documentation from jurisdictional agencies concerning resolution of potential impacts, be submitted with applications for permits requiring PNDI review. Two review options are available to permit applicants for handling PNDI coordination in conjunction with DEP's permit review process involving either T&E Species or species of special concern. Under sequential review, the permit applicant performs a PNDI screening and completes all coordination with the appropriate jurisdictional agencies prior to submitting the permit application. The applicant will include with its application, both a PNDI receipt and/or a clearance letter from the jurisdictional agency if the PNDI Receipt shows a Potential Impact to a species or the applicant chooses to obtain letters directly from the jurisdictional agencies. Under concurrent review, DEP, where feasible, will allow technical review of the permit to occur concurrently with the T&E species consultation with the jurisdictional agency. The applicant must still supply a copy of the PNDI Receipt with its permit application. The PNDI Receipt should also be submitted to the appropriate agency according to directions on the PNDI Receipt. The applicant and the jurisdictional agency will work together to resolve the potential impact(s). See the DEP PNDI policy at <https://conservationexplorer.dcnr.pa.gov/content/resources>.

5. ADDITIONAL INFORMATION

The PNDI environmental review website is a preliminary screening tool. There are often delays in updating species status classifications. Because the proposed status represents the best available information regarding the conservation status of the species, state jurisdictional agency staff give the proposed statuses at least the same consideration as the current legal status. If surveys or further information reveal that a threatened and endangered and/or special concern species and resources exist in your project area, contact the appropriate jurisdictional agency/agencies immediately to identify and resolve any impacts.

For a list of species known to occur in the county where your project is located, please see the species lists by county found on the PA Natural Heritage Program (PNHP) home page (www.naturalheritage.state.pa.us). Also note that the PNDI Environmental Review Tool only contains information about species occurrences that have actually been reported to the PNHP.



Data Form

WETLAND DETERMINATION DATA FORM – Eastern Mountains and Piedmont Region

Project/Site: TLR Residential Development City/County: Phoenixville / Chester Sampling Date: 2024-07-16
 Applicant/Owner: Franklin Phoenixville, LP State: Pennsylvania Sampling Point: SP 1
 Investigator(s): JPK Section, Township, Range: _____
 Landform (hillslope, terrace, etc.): Upland Local relief (concave, convex, none): Concave Slope (%): 10
 Subregion (LRR or MLRA): _____ Lat: 40.1431 Long: -75.532253 Datum: NAD83_2011
 Soil Map Unit Name: UrxB - Urban land-Penn complex, 0 to 8 percent slopes NWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No _____ (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes _____ No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes _____ No <input checked="" type="checkbox"/>
Hydric Soil Present? Yes _____ No <input checked="" type="checkbox"/>	
Wetland Hydrology Present? Yes _____ No <input checked="" type="checkbox"/>	

Remarks:
SP 1 is non-wetland sample point representative of the predominant maintained (mowed) lawn habitat present throughout the study area.

HYDROLOGY

Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
<u>Primary Indicators (minimum of one is required; check all that apply)</u>	_____ Surface Soil Cracks (B6)
_____ Surface Water (A1)	_____ Sparsely Vegetated Concave Surface (B8)
_____ High Water Table (A2)	_____ Drainage Patterns (B10)
_____ Saturation (A3)	_____ Moss Trim Lines (B16)
_____ Water Marks (B1)	_____ Dry-Season Water Table (C2)
_____ Sediment Deposits (B2)	_____ Crayfish Burrows (C8)
_____ Drift Deposits (B3)	_____ Saturation Visible on Aerial Imagery (C9)
_____ Algal Mat or Crust (B4)	_____ Stunted or Stressed Plants (D1)
_____ Iron Deposits (B5)	_____ Geomorphic Position (D2)
_____ Inundation Visible on Aerial Imagery (B7)	_____ Shallow Aquitard (D3)
_____ Water-Stained Leaves (B9)	_____ Microtopographic Relief (D4)
_____ Aquatic Fauna (B13)	_____ FAC-Neutral Test (D5)

Field Observations:
 Surface Water Present? Yes _____ No Depth (inches): _____
 Water Table Present? Yes _____ No Depth (inches): _____
 Saturation Present? (includes capillary fringe) Yes _____ No Depth (inches): _____
Wetland Hydrology Present? Yes _____ No

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
No primary or secondary indicators of hydrology were present.

VEGETATION (Four Strata) – Use scientific names of plants.

Sampling Point: SP 1

	Absolute % Cover	Dominant Species?	Indicator Status	
Tree Stratum (Plot size: <u>30 ft r</u>)				Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0.00</u> (A/B)
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				
50% of total cover: _____ 20% of total cover: _____				
Sapling/Shrub Stratum (Plot size: <u>15 ft r</u>)				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species <u>0</u> x 1 = <u>0</u> FACW species <u>0</u> x 2 = <u>0</u> FAC species <u>0</u> x 3 = <u>0</u> FACU species <u>85</u> x 4 = <u>340</u> UPL species <u>10</u> x 5 = <u>50</u> Column Totals: <u>95</u> (A) <u>390</u> (B) Prevalence Index = B/A = <u>4.10</u>
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
_____ = Total Cover				
50% of total cover: _____ 20% of total cover: _____				
Herb Stratum (Plot size: <u>5 ft r</u>)				Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)
1. <u>Lolium perenne</u>	<u>50</u>	<input checked="" type="checkbox"/>	<u>FACU</u>	
2. <u>Phleum pratense</u>	<u>20</u>	<input checked="" type="checkbox"/>	<u>FACU</u>	
3. <u>Trifolium repens</u>	<u>15</u>	<input type="checkbox"/>	<u>FACU</u>	
4. <u>Plantago lanceolata</u>	<u>10</u>	<input type="checkbox"/>	<u>UPL</u>	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
_____ = Total Cover				
50% of total cover: <u>47.50</u> 20% of total cover: <u>19.00</u>				
Woody Vine Stratum (Plot size: <u>30 ft r</u>)				Definitions of Four Vegetation Strata: Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/Shrub – Woody plants, excluding vines, less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vine – All woody vines greater than 3.28 ft in height. Hydrophytic Vegetation Present? Yes _____ No <input checked="" type="checkbox"/>
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
_____ = Total Cover				
50% of total cover: _____ 20% of total cover: _____				

Remarks: (Include photo numbers here or on a separate sheet.)

The hydrophytic vegetation criteria has not been met.

SOIL

Sampling Point: SP 1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0 - 16	10YR 4/4	100					Silty Clay Loam	
-								
-								
-								
-								
-								
-								
-								
-								

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5)
- 2 cm Muck (A10) **(LRR N)**
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Mucky Mineral (S1) **(LRR N, MLRA 147, 148)**
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)

- Dark Surface (S7)
- Polyvalue Below Surface (S8) **(MLRA 147, 148)**
- Thin Dark Surface (S9) **(MLRA 147, 148)**
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)
- Iron-Manganese Masses (F12) **(LRR N, MLRA 136)**
- Umbric Surface (F13) **(MLRA 136, 122)**
- Piedmont Floodplain Soils (F19) **(MLRA 148)**
- Red Parent Material (F21) **(MLRA 127, 147)**

Indicators for Problematic Hydric Soils³:

- 2 cm Muck (A10) **(MLRA 147)**
- Coast Prairie Redox (A16) **(MLRA 147, 148)**
- Piedmont Floodplain Soils (F19) **(MLRA 136, 147)**
- Very Shallow Dark Surface (TF12)
- Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____
 Depth (inches): _____

Hydric Soil Present? Yes _____ No

Remarks:

A hydric soil indicator was not present.

Photographs



Architecture
Engineering
Environmental
Land Surveying

Proposed
West Lampeter
Residential Development

Photo # 1

Date: July 19, 2024

Direction: Northeast

Description

View northeast towards SP 1. SP 1 is a non-wetland sample point representative of the predominant habitat within the study area.



APPENDIX D

PNDI

1. PROJECT INFORMATION

Project Name: **Odessa, NRR & Water & Sewer Extension**

Date of Review: **7/12/2023 11:18:36 AM**

Project Category: **Development, Residential, Subdivision containing more than 2 lots and/or 2 single-family units**

Project Area: **20.13 acres**

County(s): **Chester**

Township/Municipality(s): **PHOENIXVILLE**

ZIP Code:

Quadrangle Name(s): **PHOENIXVILLE**

Watersheds HUC 8: **Schuylkill**

Watersheds HUC 12: **Lower French Creek; Mingo Creek-Schuylkill River**

Decimal Degrees: **40.142277, -75.530407**

Degrees Minutes Seconds: **40° 8' 32.1968" N, 75° 31' 49.4667" W**

2. SEARCH RESULTS

Agency	Results	Response
PA Game Commission	No Known Impact	No Further Review Required
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	Potential Impact	FURTHER REVIEW IS REQUIRED, See Agency Response
U.S. Fish and Wildlife Service	Potential Impact	MORE INFORMATION REQUIRED, See Agency Response

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate there may be potential impacts to threatened and endangered and/or special concern species and resources within the project area. If the response above indicates "No Further Review Required" no additional communication with the respective agency is required. If the response is "Further Review Required" or "See Agency Response," refer to the appropriate agency comments below. Please see the DEP Information Section of this receipt if a PA Department of Environmental Protection Permit is required.

Odessa, NRR & Water & Sewer Extension

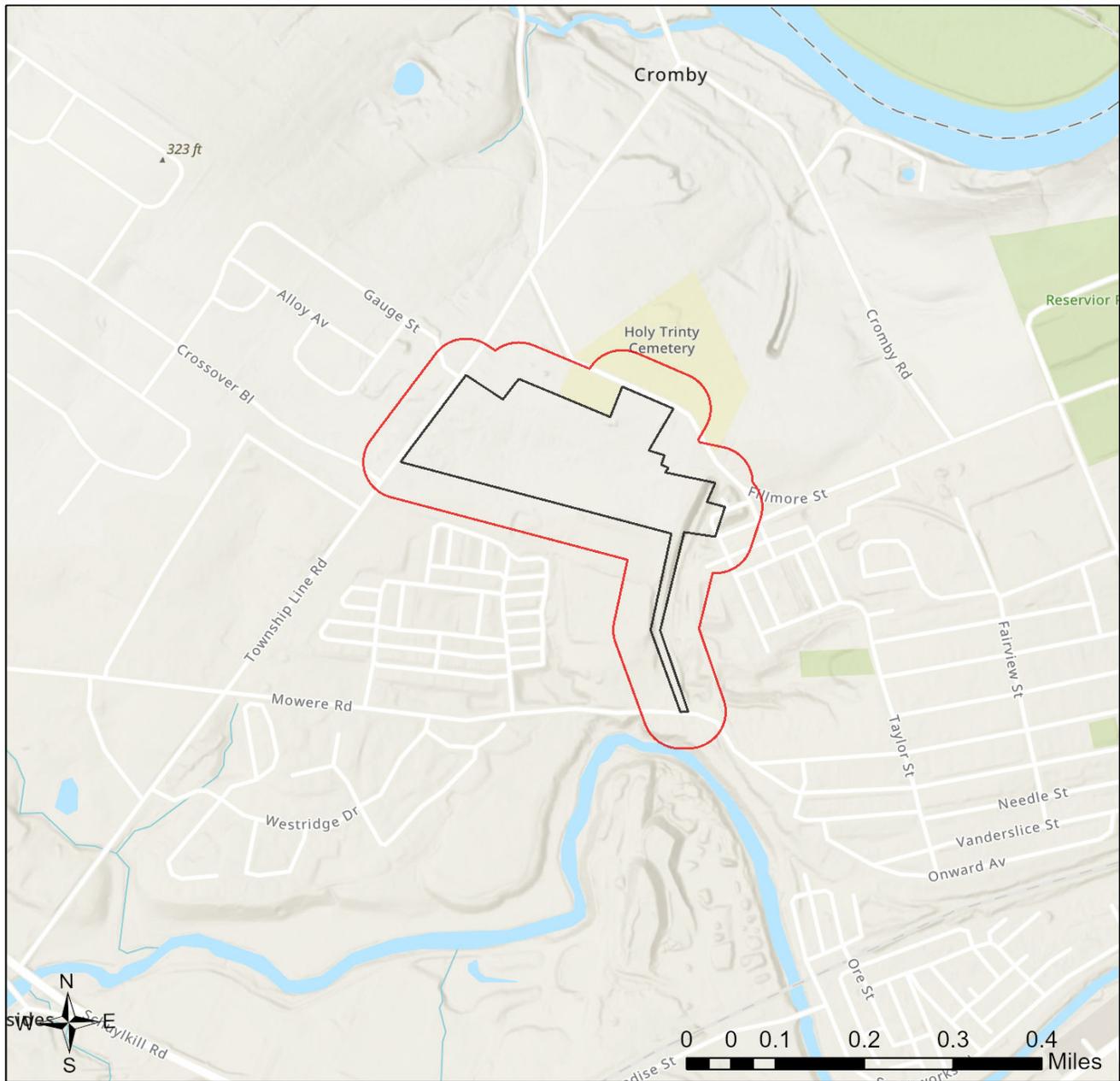


-  Buffered Project Boundary
-  Project Boundary



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

Odessa, NRR & Water & Sewer Extension



-  Buffered Project Boundary
-  Project Boundary



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

RESPONSE TO QUESTION(S) ASKED

Q1: Which of the following closest describes the proposed project?

Your answer is: The proposed project will be connected to, and entirely serviced by, an existing, off-site water delivery and supply line (e.g., operated by a municipality or water company).

Q2: Describe how wastewater (effluent) will be handled (select one). For the purpose of this question, wastewater/effluent does not include stormwater runoff. If the project involves solely the renewal or modification of an existing discharge permit (e.g., NPDES permit), select from options 3, 4, 5, or 6 below.

Your answer is: All wastewater/effluent from this project/activity will be routed to an existing municipal wastewater treatment plant.

Q3: Accurately describe what is known about wetland presence in the project area or on the land parcel. "Project" includes all features of the project (including buildings, roads, utility lines, outfall and intake structures, wells, stormwater retention/detention basins, parking lots, driveways, lawns, etc.), as well as all associated impacts (e.g., temporary staging areas, work areas, temporary road crossings, areas subject to grading or clearing, etc.). Include all areas that will be permanently or temporarily affected -- either directly or indirectly -- by any type of disturbance (e.g., land clearing, grading, tree removal, flooding, etc.). Land parcel = the lot(s) on which some type of project(s) or activity(s) are proposed to occur.

Your answer is: Someone qualified to identify and delineate wetlands (holding a natural resource degree or equivalent work experience) has investigated the site, and determined that wetlands ARE located in or within 300 feet of the project area. (A written report from the wetland specialist, and detailed project maps should document this.)

Q4: Accurately describe what is known about wetland presence in the project area or on the land parcel by selecting ONE of the following. "Project" includes all features of the project (including buildings, roads, utility lines, outfall and intake structures, wells, stormwater retention/detention basins, parking lots, driveways, lawns, etc.), as well as all associated impacts (e.g., temporary staging areas, work areas, temporary road crossings, areas subject to grading or clearing, etc.). Include all areas that will be permanently or temporarily affected -- either directly or indirectly -- by any type of disturbance (e.g., land clearing, grading, tree removal, flooding, etc.). Land parcel = the lot(s) on which some type of project(s) or activity(s) are proposed to occur.

Your answer is: Someone qualified to identify and delineate wetlands (holding a natural resource degree or equivalent work experience) has investigated the site, and determined that wetlands ARE located in or within 300 feet of the project area. (A written report from the wetland specialist, and detailed project maps should document this.)

Q5: The proposed project is in the range of the Indiana bat. Describe how the project will affect bat habitat (forests, woodlots and trees) and indicate what measures will be taken in consideration of this. Round acreages up to the nearest acre (e.g., 0.2 acres = 1 acre).

Your answer is: The project will affect 1 to 39 acres of forests, woodlots and trees.

Q6: Is tree removal, tree cutting or forest clearing necessary to implement all aspects of this project?

Your answer is: No

Q7: Aquatic habitat (stream, river, lake, pond, etc.) is located on or adjacent to the subject property and project activities (including discharge) may occur within 300 feet of these habitats?

Your answer is: Yes

Q8: Is tree removal, tree cutting or forest clearing of 40 acres or more necessary to implement all aspects of this project?

Your answer is: No

Q9: How many acres of woodland, forest, forested fencerows and trees will be cut, cleared, removed, disturbed or flooded (inundated) as a result of carrying out all aspects or phases of this project? [Round acreages UP to the nearest acre (e.g., 0.2 acres = 1 acre).]

Your answer is: 11 to 25 acres

3. AGENCY COMMENTS

Regardless of whether a DEP permit is necessary for this proposed project, any potential impacts to threatened and endangered species and/or special concern species and resources must be resolved with the appropriate jurisdictional agency. In some cases, a permit or authorization from the jurisdictional agency may be needed if adverse impacts to these species and habitats cannot be avoided.

These agency determinations and responses are **valid for two years** (from the date of the review), and are based on the project information that was provided, including the exact project location; the project type, description, and features; and any responses to questions that were generated during this search. If any of the following change: 1) project location, 2) project size or configuration, 3) project type, or 4) responses to the questions that were asked during the online review, the results of this review are not valid, and the review must be searched again via the PNDI Environmental Review Tool and resubmitted to the jurisdictional agencies. The PNDI tool is a primary screening tool, and a desktop review may reveal more or fewer impacts than what is listed on this PNDI receipt. The jurisdictional agencies **strongly advise against** conducting surveys for the species listed on the receipt prior to consultation with the agencies.

PA Game Commission

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

PA Department of Conservation and Natural Resources

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

PA Fish and Boat Commission

RESPONSE:

Further review of this project is necessary to resolve the potential impact(s). Please send project information to this agency for review (see WHAT TO SEND).

PFBC Species: (Note: The Pennsylvania Conservation Explorer tool is a primary screening tool, and a desktop review may reveal more or fewer species than what is listed below.)

Scientific Name	Common Name	Current Status
Sensitive Species**		Threatened

U.S. Fish and Wildlife Service

RESPONSE:

Information Request: Conduct a Bog Turtle Habitat (Phase 1) Survey in accordance with USFWS Guidelines for Bog Turtle Surveys (April 2020). Evaluate all wetlands within 300 feet of the project area, which includes all areas that will be impacted by earth disturbance or project features (e.g., roads, structures, utility lines, lawns, detention basins, staging areas, etc.). IF THE PHASE 1 SURVEY IS DONE BY A QUALIFIED BOG TURTLE SURVEYOR (see [Pennsylvania Qualified Surveyors | FWS.gov](#)): 1) Send positive results to USFWS for concurrence, along with a project description documenting how impacts will be avoided. OR, conduct a Phase 2 survey and send Phase 1 and 2 results to USFWS for concurrence. 2) Send a courtesy copy of negative results to USFWS (label as "Negative Phase 1 Survey Results by Qualified Bog Turtle Surveyor: USFWS Courtesy Copy"). USFWS approval of negative results is not necessary when a qualified surveyor does the survey in full accordance with USFWS guidelines. IF THE PHASE 1 SURVEY IS NOT DONE BY A QUALIFIED SURVEYOR: Send ALL Phase 1 results to USFWS for concurrence, and if potential habitat is found, also send a project description documenting how impacts will be avoided.

As a qualified bog turtle surveyor, I Scott Bush (name) certify that I conducted a Phase 1 survey of all wetlands in and within 300 feet of the project area on 12/29/2023 (date) and determined that bog turtle habitat is absent.


_____ (Signature)

Avoidance Measure: The proposed project is located in the vicinity of northern long-eared bat spring staging/fall swarming habitat. To ensure take is not reasonably certain to occur, do not conduct tree removal from May 15 to August 15. The U.S. Fish and Wildlife Service determined take is not reasonably certain to occur from tree removal if activities are avoided during the pup season (i.e., the range of time when females are close to giving birth (i.e., two weeks prior to birth) and have non-volant (i.e., unable to fly) young). For more information, see the Interim Voluntary Guidance for the Northern Long-Eared Bat: Forest Habitat Modification, available here:

<https://www.fws.gov/library/collections/interim-habitat-modification-guidance>.

As the project proponent or applicant, I certify that I will implement the above Avoidance Measure:

Kristin M. Kelly _____ (Signature)

SPECIAL NOTE: If you agree to implement the above Avoidance Measure and if applicable, any Information Requests, no further coordination with this agency regarding threatened and endangered species and/or special concern species and resources is required. If you are not able to comply with the Avoidance Measures, you are required to coordinate with this agency - please send project information to this agency for review (see "What to Send" section).

* Special Concern Species or Resource - Plant or animal species classified as rare, tentatively undetermined or candidate as well as other taxa of conservation concern, significant natural communities, special concern populations (plants or animals) and unique geologic features.

** Sensitive Species - Species identified by the jurisdictional agency as collectible, having economic value, or being susceptible to decline as a result of visitation.

WHAT TO SEND TO JURISDICTIONAL AGENCIES

If project information was requested by one or more of the agencies above, upload* or email the following information to the agency(s) (see AGENCY CONTACT INFORMATION). Instructions for uploading project materials can be found [here](#). This option provides the applicant with the convenience of sending project materials to a single location accessible to all three state agencies (but not USFWS).

*If information was requested by USFWS, applicants must email, or mail, project information to IR1_ESPenn@fws.gov to initiate a review. USFWS will not accept uploaded project materials.

Check-list of Minimum Materials to be submitted:

___ Project narrative with a description of the overall project, the work to be performed, current physical characteristics of the site and acreage to be impacted.

___ A map with the project boundary and/or a basic site plan (particularly showing the relationship of the project to the physical features such as wetlands, streams, ponds, rock outcrops, etc.)

In addition to the materials listed above, USFWS REQUIRES the following

___ **SIGNED** copy of a Final Project Environmental Review Receipt

The inclusion of the following information may expedite the review process.

___ Color photos keyed to the basic site plan (i.e. showing on the site plan where and in what direction each photo was taken and the date of the photos)

___ Information about the presence and location of wetlands in the project area, and how this was determined (e.g., by a qualified wetlands biologist), if wetlands are present in the project area, provide project plans showing the location of all project features, as well as wetlands and streams.

4. DEP INFORMATION

The Pa Department of Environmental Protection (DEP) requires that a signed copy of this receipt, along with any required documentation from jurisdictional agencies concerning resolution of potential impacts, be submitted with applications for permits requiring PNDI review. Two review options are available to permit applicants for handling PNDI coordination in conjunction with DEP's permit review process involving either T&E Species or species of special concern. Under sequential review, the permit applicant performs a PNDI screening and completes all coordination with the appropriate jurisdictional agencies prior to submitting the permit application. The applicant will include with its application, both a PNDI receipt and/or a clearance letter from the jurisdictional agency if the PNDI Receipt shows a Potential Impact to a species or the applicant chooses to obtain letters directly from the jurisdictional agencies. Under concurrent review, DEP, where feasible, will allow technical review of the permit to occur concurrently with the T&E species consultation with the jurisdictional agency. The applicant must still supply a copy of the PNDI Receipt with its permit application. The PNDI Receipt should also be submitted to the appropriate agency according to directions on the PNDI Receipt. The applicant and the jurisdictional agency will work together to resolve the potential impact(s). See the DEP PNDI policy at <https://conservationexplorer.dcnr.pa.gov/content/resources>.



5. ADDITIONAL INFORMATION

The PNDI environmental review website is a preliminary screening tool. There are often delays in updating species status classifications. Because the proposed status represents the best available information regarding the conservation status of the species, state jurisdictional agency staff give the proposed statuses at least the same consideration as the current legal status. If surveys or further information reveal that a threatened and endangered and/or special concern species and resources exist in your project area, contact the appropriate jurisdictional agency/agencies immediately to identify and resolve any impacts.

For a list of species known to occur in the county where your project is located, please see the species lists by county found on the PA Natural Heritage Program (PNHP) home page (www.naturalheritage.state.pa.us). Also note that the PNDI Environmental Review Tool only contains information about species occurrences that have actually been reported to the PNHP.

6. AGENCY CONTACT INFORMATION

PA Department of Conservation and Natural Resources

Bureau of Forestry, Ecological Services Section
400 Market Street, PO Box 8552
Harrisburg, PA 17105-8552
Email: RA-HeritageReview@pa.gov

PA Fish and Boat Commission

Division of Environmental Services
595 E. Rolling Ridge Dr., Bellefonte, PA 16823
Email: RA-FBPACENOTIFY@pa.gov

U.S. Fish and Wildlife Service

Pennsylvania Field Office
Endangered Species Section
110 Radnor Rd; Suite 101
State College, PA 16801
Email: IR1_ESPenn@fws.gov
NO Faxes Please

PA Game Commission

Bureau of Wildlife Management
Division of Environmental Review
2001 Elmerton Avenue, Harrisburg, PA 17110-9797
Email: RA-PGC_PNDI@pa.gov
NO Faxes Please

7. PROJECT CONTACT INFORMATION

Name: Kestra M Kelly, P.E.
Company/Business Name: BL Companies
Address: 1101 First Avenue Suite 104
City, State, Zip: King of Prussia, PA 19406
Phone: (610)994-4611 Fax: ()
Email: kkelly@blcompanies.com

8. CERTIFICATION

I certify that ALL of the project information contained in this receipt (including project location, project size/configuration, project type, answers to questions) is true, accurate and complete. In addition, if the project type, location, size or configuration changes, or if the answers to any questions that were asked during this online review change, I agree to re-do the online environmental review.

Kestra M Kelly

applicant/project proponent signature

1/3/2024

date

APPENDIX E

Phase I Report



August 7, 2024

Mr. David Moskowitz
Franklin Phoenixville, LP
1890 Rose Cottage Lane
Malvern, PA 19355

RE: Phase I Environmental Site Assessment
TLR Residential Development Project
906, 908, 910, 914, and 916 Township Line Road
Phoenixville, Pennsylvania 19460
BL Project No. 2302858

Dear Mr. Moskowitz,

BL Companies, Inc. ("BL Companies") has completed a Phase I Environmental Site Assessment (ESA) of the property(ies) located at 906, 908, 910, 914, and 916 Township Line Road, Phoenixville, Chester County, Pennsylvania (herein referred to as the "Subject Property" or "Site"). This ESA was conducted in general accordance with the scope and limitations of ASTM International (ASTM) E1527-21, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process", and in accordance with BL Companies' contract dated June 25, 2024.

Attached is BL Companies' report ("Report") detailing the methods, findings, opinions, and conclusions of the assessment.

This Phase I ESA was conducted by and under the supervision/responsible charge of an Environmental Professional (EP), as defined by ASTM E1527-21. The interviews and reconnaissance portions of this assessment were performed by a person possessing sufficient training and experience necessary to conduct the interviews and reconnaissance, and having the ability to identify issues relevant to recognized environmental conditions (RECs) in connection with the Subject Property. The attached Report includes documentation to support the analysis, opinions, and conclusions as presented.

TLR Residential Development Project
BL Project No. 2302858
August 7, 2024
Page 2 of 2

BL Companies appreciates the opportunity to provide our environmental services to you. In addition to environmental due diligence services, BL Companies' professionals provide a wide range of engineering, architectural, surveying, and other land development related services on projects locally, regionally, and throughout the U.S. For more detailed information on all of BL Companies' services, please visit our website at www.blcompanies.com.

Should there be any questions regarding this Report, please do not hesitate to contact us.

Sincerely,
BL Companies, Inc.



Joseph Kempf
Senior Project Scientist II



Charles Wolf III
Project Manager



Architecture
Engineering
Environmental
Land Surveying

PHASE I ENVIRONMENTAL SITE ASSESSMENT

TLR Residential Development Project

906, 908, 910, 914, and 916 Township Line Road
Phoenixville, Pennsylvania 19460
BL Project No. 2302858

Prepared For:

Mr. David Moskowitz
Franklin Phoenixville, LP
1890 Rose Cottage Lane
Malvern, PA 19355

Prepared By:

BL Companies
2601 Market Place, Suite 350
Harrisburg, PA 17110

Report Date:

August 7, 2024

EMPLOYEE OWNED ▪ CLIENT DRIVEN

www.blcompanies.com

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APPENDICES

Historical Documentation

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Qualifications

At the request of Franklin Phoenixville, LP ("Client" or "User"), BL Companies, Inc. ("BL Companies") has completed a Phase I Environmental Site Assessment (ESA) of the property(ies) located at 906, 908, 910, 914, and 916 Township Line Road, Phoenixville, Chester County, Pennsylvania (herein referred to as the "Subject Property" or "Site").

This ESA was conducted in general accordance with the scope and limitations of ASTM International (ASTM) E1527-21, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process", and in accordance with BL Companies' contract dated June 25, 2024.

The general application of ASTM Standard Practice E1527-21 in the preparation of this Report is intended to permit the designated User of this Report to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser (collectively, "landowner liability protections") limitations on liability with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and petroleum products. This Report, therefore, intends to represent "all appropriate inquiry" into the previous ownership and uses of the Subject Property, consistent with good commercial or customary practice, as defined by CERCLA in 42 U.S.C. §9601(35)(B).

The purpose of the assessment was to evaluate and identify conditions indicative of recognized environmental conditions (RECs), historical recognized environmental conditions (HRECs), business environmental risks (BERs), and *de minimis* conditions in connection with the Subject Property.

The Subject Property is located at 906, 908, 910, 914, and 916 Township Line Road in Phoenixville, Chester County, Pennsylvania, and is occupied by five (5) residential properties. The Site is comprised of five (5) parcels of land that encompass approximately 2.85 acres and is improved with five (5) residential building(s) incorporating approximately 7,163 square feet and other associated improvements. The Subject Property is situated in an area of primarily residential and agricultural land usage. Figure 1 (Site Location Map) and Figure 2 (Site Plan) are attached.

Based on the information presented in this Report, it is the opinion of BL Companies that no *significant* data gaps were encountered during completion of this assessment.

Summary of Findings

Based on a review of available historic records and other information obtained during the course of this ESA, the Subject Property appears to have consisted of undeveloped/agricultural land since at least 1937. The Subject Property residential structures were reportedly constructed as early as 1946 and into the mid 1950s, with the last structure being constructed in 2006 (908 Township Line Road).

The Subject Property was not identified on any Federal, State or Tribal databases according to the database search. In addition, no evidence of the release of hazardous substances or petroleum products to the Subject Property was observed during the reconnaissance.

The following hazardous substances were observed during the Subject Property reconnaissance:

- Four (4) 275-gallon heating oil ASTs
- Various substances (motor oil, paint and small quantities of gasoline) typical of residential upkeep

Opinions and Conclusions

This assessment has revealed no evidence of historical recognized environmental conditions (HRECs) in connection with the Subject Property.

This assessment has revealed no evidence of recognized environmental conditions (RECs) or controlled recognized environmental conditions (CRECs) in connection with the Subject Property.

This assessment has revealed the following business environmental risks (BERs)/de minimis conditions in connection with the Subject Property:

- The presence of four (4), 275-gallon heating oil ASTs located on the Subject Property. No evidence of staining or leakage was observed on or beneath the ASTs.

Recommendations

Based on the findings of this ESA, no further environmental investigation of the Subject Property appears warranted at this time.

Critical Dates

An ESA meeting or exceeding ASTM E1527-21 is presumed to be viable when it is conducted or updated within 180 days prior to the date of acquisition of the Subject Property (or, for transactions not involving acquisition such as a lease or refinance, the date of the intended transaction). After 180 days or if information regarding RECs in connection with the Subject Property becomes known, then portions of the ESA may need to be updated prior to the date of acquisition or date of intended transaction.

The corresponding dates for the critical components of this ESA are provided below:

- Earliest date of government records review: July 22, 2024
- Date of search for recorded environmental cleanup liens (a User's responsibility):
Not Provided
- Date of Site reconnaissance: July 19, 2024
- Earliest date of interview of present owner(s), operator(s), and/or occupant(s):
N/A
- Declaration by Environmental Professional (EP): August 7, 2024

2.1 Purpose

At the request of Franklin Phoenixville, LP ("Client" or "User"), BL Companies, Inc. ("BL Companies") has completed a Phase I Environmental Site Assessment (ESA) of the property(ies) located at 906, 908, 910, 914, and 916 Township Line Road, Phoenixville, Chester County, Pennsylvania (herein referred to as the "Subject Property" or "Site").

This ESA was conducted in general accordance with the scope and limitations of ASTM International (ASTM) E1527-21, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process", and in accordance with BL Companies' contract dated June 25, 2024.

The general application of ASTM Standard Practice E1527-21 in the preparation of this Report is intended to permit the designated User of this Report to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser (collectively, "landowner liability protections") limitations on liability with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and petroleum products. This Report, therefore, intends to represent "all appropriate inquiry" into the previous ownership and uses of the Subject Property, consistent with good commercial or customary practice, as defined by CERCLA in 42 U.S.C. §9601(35)(B).

The purpose of the assessment was to evaluate and identify conditions indicative of recognized environmental conditions (RECs), historical recognized environmental conditions (HRECs), business environmental risks (BERs), and *de minimis* conditions in connection with the Subject Property.

2.2 Standard Scope of Services

In general, the scope of this ESA is defined by ASTM E1527-21, and included gathering information regarding: (1) current and past property uses, ownership, and occupancies; (2) current and past uses of hazardous substances and/or petroleum products; (3) waste management and disposal activities; (4) current and past corrective actions and response activities at the Subject Property; (5) engineering and/or institutional controls at the Subject Property; and (6) adjoining and surrounding properties. BL Companies sought to obtain this information through:

- The provision of a User Questionnaire to be completed by a representative of the User;

- Interviews with readily-available people knowledgeable about the Subject Property;
- Review of reasonably-ascertainable historical record sources;
- Review of federal, state, tribal and local government records; and
- A site visit/reconnaissance, including visual observations of the Subject Property and portions of the adjoining properties.

BL Companies also reviewed environmental database listings to identify potential sources of impact via soil vapor migration. In addition to the environmental database review, BL Companies evaluated potential vapor concerns at the Subject Property through a review of historical and current on-site operations and evaluation of the environmental history of the Subject Property and surrounding area. A Vapor Encroachment Screening, as defined in ASTM E2600-10 "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions", is outside the scope of this Phase I ESA, and therefore, was not performed. The review of database listings completed for this ESA to identify potential subsurface vapor concerns at the Subject Property is not intended to fulfill the requirements of ASTM E2600-10, and does not constitute a Tier 1 Vapor Encroachment Screening.

This Phase I ESA was conducted by and/or under the supervision/responsible charge of an Environmental Professional (EP), as defined by ASTM E1527-21. The interviews and reconnaissance portions of this assessment were performed by a person possessing sufficient training and experience necessary to conduct the interviews and visual reconnaissance, and having the ability to identify issues relevant to RECs in connection with the Subject Property. This Report includes documentation to support the analysis, opinions, and conclusions as presented.

Limiting conditions/deviations from the ASTM E1527-21 standard of practice, as well as data gaps encountered during the course of this assessment, are discussed in Sections 2.4 and 11.0 of this report. Limitations of (or exceptions to) this assessment are described in Section 13.0. Key terminology and acronyms used in this Report are described in Sections 2.5 and 16, respectively.

2.3 Additional Services

No additional services outside of the scope of ASTM E1527-21 were performed as part of this assessment.

2.4 Deviations

Limiting conditions/deviations from the ASTM E1527-21 standard of practice, either imposed by the Client/User or encountered by the EP during this assessment, are identified in Section 11.0.

2.5 Terminology

Activity and Use Limitations (AULs) - "legal or physical restrictions or limitations on the use of, or access to, a site or facility: (1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil, soil vapor, groundwater, and/or surface water on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls, are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil, soil vapor, groundwater, and/or surface water on a property."

Business Environmental Risk (BER) - "a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice. Consideration of BER issues may involve addressing one or more non-scope considerations, some of which are defined in Section 13" of ASTM E1527-21 or in Section 10.0 as applicable.

Controlled Recognized Environmental Condition (CREC) - "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 (e.g., activity and use limitations or other property use limitations)."

De minimis Condition - "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 a de minimis condition is not a recognized environmental condition nor a controlled recognized environmental condition."

Environmental Professional (EP) - "a person who possesses sufficient specific education, training, and experience necessary to exercise professional judgement to develop opinions and conclusions regarding conditions indicative of releases or threatened releases (see 40 CFR 312.1 (c)) on, at, in, or to a property, sufficient to meet the objectives and performance factors in 40 CFR 312.20(e) and (f)."

Hazardous Substance - a substance designated as a *hazardous substance* pursuant to CERCLA 42 U.S.C. 9601(14), as interpreted by EPA regulations and the courts: "(A)

any substance designated pursuant to Section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to Section 9602 of this Title, (C) any hazardous waste having the characteristics identified under or listed pursuant to Section 3001 of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, (42 U.S.C. 6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. 6901 et seq.) has been suspended by Act of Congress), (D) any toxic pollutant listed under Section 1317(a) of Title 33, (E) any hazardous air pollutant listed under Section 112 of the Clean Air Act (42 U.S.C. 7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator (of EPA) has taken action pursuant to Section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)." There are some substances that non-environmental professionals and others may assume to be hazardous substances that are not defined (or not yet defined) as hazardous substances under CERCLA through interpretation by EPA regulations and the courts. These substances may include: (1) some substances that occur naturally or through biological digestion (for example, methane), and (2) substances about which human understanding is evolving (for example, per- and polyfluoroalkyl substances, also known as "PFAS"). These and any other "emerging contaminants", where they are not identified as a hazardous substance by CERCLA, as interpreted by EPA regulations and the courts, are not included in the scope of this practice. Some of these substances may be considered a "hazardous substance" (or equivalent) under applicable state laws.

Historical Recognized Environmental Condition (HREC) - "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 (e.g., activity and use limitations or other property use limitations). A historical recognized environmental condition is not a recognized environmental condition."

Property Use Limitation - "limitation or restriction on current or future use of a property in connection with a response to a release, in accordance with the applicable regulatory authority or authorities that allows hazardous substances or petroleum products to remain in place at concentrations exceeding unrestricted use criteria."

Recognized Environmental Condition (REC) - "(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."

Subject Property - "the property that is the subject of the environmental site assessment described in this practice." The Subject Property is sometimes referred to as the "Site".

2.6 User Reliance

This Report is for the exclusive use of and may be relied upon by the Client and its respective successors and assigns. No parties or persons other than those identified as authorized users may use or rely on the information or opinions in this Report without the written consent of BL Companies. Notwithstanding delivery of this Report by BL Companies or the Client to any third party, any copy of this Report provided to a third party absent said written consent is provided for informational purposes only. Reliance on this Report by any other person(s) or entity(ies) is strictly at their own risk and BL Companies makes no warranties to person(s) or entity(ies) who use the information provided in this Report.

3.1 General Site Description and Operations

The Subject Property is located at 906, 908, 910, 914, and 916 Township Line Road in Phoenixville, Chester County, Pennsylvania, and is occupied by five (5) residential properties. The Site is comprised of five (5) parcels of land that encompass approximately 2.85 acres and is improved with five (5) residential building(s) incorporating approximately 7,163 square feet and other associated improvements. The Subject Property is situated in an area of primarily residential and agricultural land usage. Figure 1 (Site Location Map) and Figure 2 (Site Plan) are attached.

Site Details	
Street Address	906, 908, 910, 914, and 916 Township Line Road
Municipality	Phoenixville Boro
County	Chester
State	Pennsylvania
Zip Code	19460
Tax Parcel Number(s)	906 Township Line - 15-004-0044 908 Township Line - 15-004-0045 910 Township Line - 15-004-0046 914 Township Line - 15-004-0047 916 Township Line - 15-004-0048
Site Area	2.85 acres
Number of Buildings	Five
Size of Building(s)	906 Township Line - 1,714 sf 908 Township Line - 1,389 sf 910 Township Line - 1,168 sf 914 Township Line - 1,576 sf 916 Township Line - 1,316 sf
Current Site Occupant(s)	906 Township Line - Vacant 908 Township Line - Vacant 910 Township Line - Vacant 914 Township Line - Vacant 916 Township Line - Tenant Occupied
Current Site Owner(s)	906 Township Line - Odessa Real Estate Investments Inc 908 Township Line - Franklin Phoenixville 910 Township Line - Franklin Phoenixville 914 Township Line - Odessa Real Estate Investments Inc 916 Township Line - Franklin Phoenixville
Method of Heat	Heating oil
Potable Water Supply	Private
Sewage Disposal	Private
Natural Gas	N/A
Electric	PP&L

3.2 Structures, Roads, and Other Improvements

The Site consists of five parcels of land developed with five (5) Site buildings located at 906, 908, 910, 914, and 916 Township Line Road in Phoenixville, Pennsylvania and are discussed further below.

906 Township Line Road

The parcel addressed as 906 Township Line Road is developed with one approximately 1,714-square-foot rectangular-shaped one-story structure that was reportedly constructed in 1955.

The building consists of a CMU block constructed structure located on the eastern portion of the parcel. This structure contains general living space, utilized for residential purposes. Exterior finishes consist of white plaster with a sloped shingle roofing system. The basement of the Site building consists primarily of painted CMU blocks walls and bare concrete floors. Additionally, the property contains a wood framed, open bay garage structure, a detached single car garage, and a shed.

908 Township Line Road

The parcel addressed as 908 Township Line Road is developed with one approximately 1,389-square-foot rectangular-shaped one-story structure that was reportedly constructed in 1900/2006.

The building consists of a wood framed structure located on the eastern portion of the parcel. This structure contains general living space, utilized for residential purposes. Exterior finishes consist of white plaster or vinyl siding with a sloped shingle roofing system.

910 Township Line Road

The parcel addressed as 910 Township Line Road is developed with one approximately 1,168-square-foot rectangular-shaped one-story structure that was reportedly constructed in 1956/2020.

The building consists of a CMU block constructed structure located on the eastern portion of the parcel. This structure contains general living space, utilized for residential purposes. Exterior finishes consist of white plaster and a vinyl type veneer with a sloped shingle roofing system. It should be noted that no interior access was granted at the time of the Site reconnaissance.

914 Township Line Road

The parcel addressed as 914 Township Line Road is developed with one approximately 1,576-square-foot rectangular-shaped two-story structure that was reportedly constructed in 1946.

The building consists of a CMU block constructed structure located on the eastern portion of the parcel. This structure contains general living space, utilized for residential purposes. Exterior finishes consist of white plaster and vinyl siding with a sloped shingle roofing system. It should be noted that no interior access was granted at the

time of the Site reconnaissance. Additionally, the property contains a wood framed, detached two car garage and a shed.

916 Township Line Road

The parcel addressed as 916 Township Line Road is developed with one approximately 1,316-square-foot rectangular-shaped one-story structure that was reportedly constructed in 1955/2018.

The building consists of a CMU block constructed structure located on the eastern portion of the parcel. This structure contains general living space, utilized for residential purposes. Exterior finishes consist of white plaster and vinyl siding with a sloped shingle roofing system. Additionally, the property contains a wood framed, detached two car garage and a shed.

Each parcel is accessed via paved driveways leading east of Township Line Road.

3.3 Current Uses of Adjoining and Surrounding Properties

The area surrounding the Subject Property consists of the following adjacent and surrounding properties:

Direction	Adjacent Land Use	Surrounding Land Use
North	Residential properties, followed by wooded land	Mixed Use
South	Residential properties, followed by wooded land	Mixed Use
East	Wooded land	Mixed Use
West	Township Line Road, followed by residential properties	Mixed Use

4.1 User Questionnaire

BL Companies provided the Client with a User Questionnaire to obtain information regarding:

- Whether the User has searched for any environmental liens against the Subject Property or is aware of any AULs that have been filed or recorded in reference to the property(ies);
- Whether the User has any specialized knowledge of the Subject Property and/or the adjoining properties or any relevant experience that would enable the User to identify conditions indicative of releases or threatened releases at the Subject Property;
- Whether the User believes that the purchase price may reflect the presence of contamination at the Subject Property;
- Whether the User has taken into account any commonly known or reasonably ascertainable information about the Subject Property;
- Whether the User has encountered any obvious signs or evidence of contamination at the Subject Property while gathering information for the Phase I ESA; and
- The reason the User is requesting the completion of a Phase I ESA for the Subject Property.

ASTM E1527-21 defines these inquiries as "User's responsibilities". To the extent that the Client chose not to provide information requested by the Questionnaire to BL Companies, the absence of such information may be identified as a data gap in this Report. To the extent the Client has performed the additional inquiry(ies) itself and has provided that information on the Questionnaire, BL Companies has relied on the thoroughness and reliability of the Client's information.

The following subsections summarize the results of the information provided in the additional inquiry(ies):

4.1.1 Environmental Liens

The User did not return a completed User Questionnaire to BL Companies prior to the date of this report.

4.1.2 AULs

The User did not return a completed User Questionnaire to BL Companies prior to the date of this report.

4.1.3 Specialized Knowledge

The User did not return a completed User Questionnaire to BL Companies prior to the date of this report.

4.1.4 Valuation Reduction for Environmental Issues

The User did not return a completed User Questionnaire to BL Companies prior to the date of this report.

4.1.5 Commonly Known or Reasonably Ascertainable Information

The User did not return a completed User Questionnaire to BL Companies prior to the date of this report.

4.1.6 Obvious Signs of Contamination

The User did not return a completed User Questionnaire to BL Companies prior to the date of this report.

4.2 Reason For Performing Phase I ESA

This Phase I ESA was performed for the User as part of due diligence associated with the potential purchase of the Subject Property.

4.3 Previous Investigations

No previous environmental investigative reports relative to the Subject Property were provided to BL Companies during the preparation of this ESA.

5.1 Geology

Geologically, the Subject Property is located in the Stockton Formation. The Stockton Formation crops out in the Newark basin. It is composed of light-gray to buff, coarse-grained, arkosic sandstone and red to purplish-red sandstone, shale, siltstone, and mudstone. Its thin to flaggy beds are well developed. Its maximum thickness is approximately 3,300 feet (Geyer and Wilshusen, 1982).

5.2 Soils

According to the Natural Resources Conservation Service's online *Web Soil Survey*, soils mantling the Subject Property are classified as Urban land-Penn Complex (0 to 8 percent slopes).

5.3 Topography and Hydrogeology

According to the USGS 7.5-Minute Topographic Map for the Subject Property/surrounding area and GoogleEarth, the Subject Property slopes gently to the north and is situated at an elevation of approximately 225 feet above mean sea level. Topography in the vicinity of the Subject Property generally slopes to the north towards the Schuylkill River, approximately 2,000 feet away from the Subject Property. Groundwater in the vicinity is expected to mimic the surrounding topography and flow to the north. Therefore, hydraulically up-gradient properties are inferred to be located to the south. It should be noted that groundwater flow direction may vary based on a variety of reasons such as seasonal fluctuations in precipitation, local usage/dewatering activities, and the presence of local geologic features, underground structures, etc. A complete hydrogeologic investigation would be necessary to determine depth to groundwater and groundwater flow direction.

An evaluation of the history of the Subject Property and the surrounding area was accomplished through the review of a combination of reasonably ascertainable, standard historic sources of information (e.g., topographic maps, aerial photographs, Sanborn Fire Insurance Maps, city street directories, and/or municipal/county records), and was limited to those sources deemed likely to be useful by the EP(s). The intent of the review was to identify the historical uses of the Subject Property back to its first developed use, or back to 1940, whichever is earlier, in order to help identify potential RECs. The findings of the historical review are described in the following subsections. Copies of this historical documentation reviewed during this assessment are attached (see Historical Documentation and Supporting Documentation appendices).

6.1 Topographic Maps

BL Companies' review of available topographic maps revealed the following with regard to the historical uses of the Subject Property and the surrounding area:

Date	Site	Surrounding Area
1906	The Subject Property does not appear to contain any structures.	A roadway bounds the Subject Property to the west. A residential type structure is located just west of the Subject Property.
1943	There appears to be no significant changes from the previous topographic map.	There appears to be no significant changes from the previous topographic map.
1955	The Subject Property contains three (3) residential type structures.	Increase residential type development is noted in all directions.
1968	A fourth structure is constructed on the Subject Property.	Increase residential type development is noted in all directions.
1973, 1983	There appears to be no significant changes from the previous topographic map.	There appears to be no significant changes from the previous topographic map.
2013, 2016, 2019	This map only depicts roadways and topographic features; any existing structures are not depicted (except schools and churches).	This map only depicts roadways and topographic features; any existing structures are not depicted (except schools and churches).

6.2 Aerial Photographs

BL Companies' review of available aerial photography revealed the following with regard to the historical uses of the Subject Property and the surrounding area:

Date	Site	Surrounding Area
1937	The Subject Property appears to consist of vegetated/agricultural land.	Surrounding areas appear to consist of vegetated/agricultural land. A roadway bounds the Subject Property to the west.
1942, 1945	There appears to be no significant changes from the previous aerial photograph.	There appears to be no significant changes from the previous aerial photograph.
1958	The Subject Property appears to contain four (4) residential structures with associated out buildings.	Residential development is noted in all directions.

Date	Site	Surrounding Area
1965, 1968, 1971, 1975, 1981, 1987, 1992, 2002, 2005,	There appears to be no significant changes from the previous aerial photograph.	There appears to be no significant changes from the previous aerial photograph.
2010	A fifth structure is constructed on the 908 Township Line Road property. The Subject Property appears to be in its current structural configuration.	There appears to be no significant changes from the previous aerial photograph.
2015	There appears to be no significant changes from the previous aerial photograph.	There appears to be no significant changes from the previous aerial photograph.
2019	There appears to be no significant changes from the previous aerial photograph.	A roadway is constructed to the west of the Subject Property.

6.3 Sanborn Fire Insurance Maps

A search for fire insurance maps for the Subject Property and the surrounding area was conducted by EDR. According to EDR, the complete holdings of the Sanborn Library, LLC collection have been searched based on provided location information, and fire insurance maps covering the Subject Property were not found.

6.4 City Street Directories

A search for historical city street directories for the address(es) corresponding to the Subject Property was conducted by EDR. According to the city street directory information provided by EDR for review, the following listings appear to be associated with the Subject Property:

Year	Listings for Site Address(es)
1972	906 Township Line Road - No Listing 908 Township Line Road - No Listing 910 Township Line Road - John Coccia Jr. 914 Township Line Road - No Listing 916 Township Line Road - No Listing
1976	906 Township Line Road - L Schenck 908 Township Line Road - No Listing 910 Township Line Road - John Coccia Jr. 914 Township Line Road - No Listing 916 Township Line Road - No Listing
1982	906 Township Line Road - George Schenck 908 Township Line Road - No Listing 910 Township Line Road - John Coccia Jr. 914 Township Line Road - John and Terri Maynard 916 Township Line Road - No Listing
1987	906 Township Line Road - George Schenck 908 Township Line Road - No Listing 910 Township Line Road - John Coccia Jr. 914 Township Line Road - R B Saville Jr 916 Township Line Road - No Listing
1992	906 Township Line Road - Walt Grohoski 908 Township Line Road - Kevin Abbot 910 Township Line Road - John Coccia Jr. 914 Township Line Road - Raymond B Saville Jr 916 Township Line Road - Richard Kolinsky

Year	Listings for Site Address(es)
1995	906 Township Line Road - Walt Grohoski 908 Township Line Road - Occupant Unknown 910 Township Line Road - John Coccia Jr. 914 Township Line Road - Raymond B Saville Jr 916 Township Line Road - Richard Kolinsky
2000	906 Township Line Road - Walt Grohoski 908 Township Line Road - Julie Boettlin 910 Township Line Road - John Coccia Jr. 914 Township Line Road - Raymond B Saville Jr 916 Township Line Road - Not listed
2005	906 Township Line Road - Walt Grohoski 908 Township Line Road - John Hagan 910 Township Line Road - John Coccia Jr. 914 Township Line Road - Raymond B Saville Jr 916 Township Line Road - Not listed
2010	906 Township Line Road - Walt Grohoski 908 Township Line Road - John Hagan 910 Township Line Road - Lena Goodman 914 Township Line Road - Raymond B Saville Jr 916 Township Line Road - Bruce Brannan
2014	906 Township Line Road - Walt Grohoski 908 Township Line Road - Dientrang Ngo 910 Township Line Road - Kathleen Jordan 914 Township Line Road - Raymond B Saville Jr 916 Township Line Road - Charles Himes
2017	906 Township Line Road - Barbra & Mark Grohoski 908 Township Line Road - Dientrang Ngo 910 Township Line Road - Kyle Place 914 Township Line Road - Wendolyn Saville 916 Township Line Road - Terri Himes
2020	906 Township Line Road - Barbra Grohoski 908 Township Line Road - Dientrang Ngo 910 Township Line Road - Kyle Place 914 Township Line Road - Wendolyn Saville 916 Township Line Road - Bonifacio Mauricio

Off-Site Listings

According to the EDR City Directory report, surrounding properties were identified as a combination of various residential and commercial listings, none of which are expected to pose a significant environmental threat to the Subject Property based on their identified uses and relative locations.

6.5 Municipal/County Records

According to property assessment information obtained from Chester County and/or CoreLogic's RealQuest online databases, the Subject Property is currently owned by Odessa Real Estate Investments Inc and Franklin Phoenixville, with purchase dates ranging from 2021 to 2023. Full chain-of-title information was not researched as part of this assessment. The Subject Property is reportedly classified as "Single Family." The buildings were reportedly constructed as follows:

906 Township Line Road - 1955

908 Township Line Road - 1900 / 2006

910 Township Line Road - 1956 / 2020

914 Township Line Road - 1946

916 Township Line Road - 1955 / 2018

Pertinent property assessment-related documentation obtained from online sources is attached (see Supporting Documentation appendix).

7.1 Environmental Database Search

BL Companies retained EDR to conduct a Federal, State, Tribal, and proprietary database search for regulatory environmental records of the Subject Property and the surrounding area in an effort to identify potential listings of environmental concern located within ASTM E1527-21 established search distances of up to one (1.0) mile from the Subject Property. In addition, EDR's database search included certain non-ASTM databases with EDR-designated approximate minimum search distances. The attached environmental database report (see Appendices) defines and summarizes the databases reviewed and notes if any facilities, including the Subject Property (referred to as the "Target Property" or "TP" by EDR), were identified within the specified approximate minimum search distances. [Note: "NR" in the table below indicates that the database was not requested at the specified approximate minimum search distance].

BL Companies also reviewed the orphan (also referred to as unmapped or non-geocoded) listings within the database report, cross-referencing available address information with facility names. Unmapped facilities are listings that cannot be plotted with confidence, but are identified as being located within the general area of the Subject Property based on the partial street address, city name, or zip code information. In general, an orphan listing cannot be mapped due to inaccurate or incomplete address information in the database that was supplied by the corresponding regulatory agency. Any listings from the unmapped summary, which were identified by BL Companies as a result of the area reconnaissance and/or cross-referencing to mapped facilities, are included in the corresponding database discussion within the subsections below.

Descriptions of each database is provided in the attached EDR Radius MapTM report (see Environmental Database Report appendix). Federal, state, and tribal databases searched by EDR, and corresponding approximate minimum search distances, included, but were not limited to, the following:

Map Findings Summary

Database	Site	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1	0	0	0	0	NR	0
Proposed NPL		1	0	0	0	0	NR	0
NPL LIENS		1	0	0	0	0	NR	0
Delisted NPL		1	0	0	0	0	NR	0
FEDERAL FACILITY		0.5	0	0	0	NR	NR	0
SEMS		0.5	0	0	0	NR	NR	0
SEMS-ARCHIVE		0.5	0	0	0	NR	NR	0
CORRACTS		1	0	0	0	1	NR	1
RCRA-TSDF		0.5	0	0	0	NR	NR	0

Database	Site	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RCRA-LQG		0.25	0	0	NR	NR	NR	0
RCRA-SQG		0.25	0	0	NR	NR	NR	0
RCRA-VSQG		0.25	0	0	NR	NR	NR	0
LUCIS		0.5	0	0	0	NR	NR	0
US ENG CONTROLS		0.5	0	0	0	NR	NR	0
US INST CONTROLS		0.5	0	0	0	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
LUCIS		0.5	0	0	0	NR	NR	0
FEMA UST		0.25	0	0	NR	NR	NR	0
SHWS		1	0	0	0	0	NR	0
SWF/LF		0.5	0	0	2	NR	NR	2
HSCA		1	0	0	0	0	NR	0
LUST		0.5	0	0	1	NR	NR	1
UNREG LTANKS		0.5	0	0	0	NR	NR	0
UST		0.25	0	0	NR	NR	NR	0
LAST		0.5	0	0	1	NR	NR	1
AST		0.25	0	1	NR	NR	NR	1
ENG CONTROLS		0.5	0	0	0	NR	NR	0
INST CONTROL		0.5	0	0	0	NR	NR	0
AUL		0.5	0	0	0	NR	NR	0
VCP		0.5	0	0	1	NR	NR	1
BROWNFIELDS		0.5	0	0	0	NR	NR	0
INDIAN LUST		0.5	0	0	0	NR	NR	0
INDIAN UST		0.25	0	0	NR	NR	NR	0
INDIAN VCP		0.5	0	0	0	NR	NR	0

TP = Target Property
NR = Not Requested

7.2 Site Database Findings

As shown in the above table, the Subject Property was not identified on any of the databases searched by EDR.

7.3 Off-Site Database Findings

As noted in Section 7.1, the EDR database report identified database listings at off-Site facilities within the ASTM E1527-21-specified minimum search distances, which range from adjoining properties up to 1.0-mile away.

It is BL Companies' opinion that none of the off-Site facilities identified by the EDR database report have the potential to adversely impact the Subject Property, and therefore, none of the identified listings are discussed in further detail. This opinion is based on an evaluation of the identified database listings and application of the following criteria:

- the facility holds an operating permit (e.g., registered UST/AST, RCRA, NPDES, etc.), but no releases of hazardous substances or petroleum products were identified;
- the facility's distance from, and/or topographic position relative to the Subject Property is such that impacts to the Site subsurface are not anticipated;

- the reported release incident(s) has a "closed", "no further action", "archived", "cleanup completed", "final concurrence issued", "NFRAP", or comparable regulatory status; and/or
- the facility is not geocoded (i.e., it could not be located by EDR in relation to the Subject Property due to missing or inadequate address information) and is therefore not *practically reviewable* under ASTM E1527-21.

7.4 Agency File Review Findings

Based on the results of the database search, the historical research, BL Companies concluded that a State regulatory file review was not warranted, and thus, did not attempt to perform any such review. BL Companies did, however, inquire with local officials (see Section 8.3) to obtain additional information regarding the Subject Property that was not available through historical sources or the reconnaissance.

7.5 Evaluation of the Potential for Vapor Concerns

As part of this assessment, BL Companies reviewed the aforementioned EDR environmental database listings to identify potential on- and/or off-Site sources of impact via vapor migration. In addition to reviewing the environmental database listings, BL Companies also considered the historical and current Subject Property operations and uses as they relate to the potential use/storage of hazardous materials and/or petroleum products, evaluated the environmental history of the Subject Property and the adjacent properties, and considered hydrogeologic conditions that may affect the migration of vapors (e.g., hydraulic barriers, soil/rock types, depth to groundwater, etc.) in an effort to identify potential vapor concerns at the Subject Property. This review was not intended to fulfill the requirements of a Tier 1 Vapor Encroachment Screening per ASTM E2600-10. A Vapor Encroachment Screening, as defined in ASTM E2600-10 "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions", is outside the scope of this Phase I ESA, and therefore, was not performed.

As noted in Sections 7.2 and 7.3 above, neither the Subject Property nor off-Site facilities located up-gradient or in the vicinity of the Subject Property were identified with open cases on release-type databases (e.g., CERCLIS, LUST, VCP, Brownfields, etc.). Therefore, based on the information in the database search report, the potential for subsurface vapor conditions at the Subject Property to be adversely impacted by on- or off-Site sources is generally not suspected.

8.1 Current Owners/Operators

No current owners/occupants of the Subject Property were available to be interviewed by BL Companies during this assessment.

8.2 Past Owners/Occupants

No past owners/occupants of the Subject Property were interviewed by BL Companies during this assessment.

8.3 State/Local Government Officials

On August 5, 2024, BL Companies submitted an Open Public Records Request Form to the local municipality to inquire as to the availability of any records of storage tanks, spills, releases, hazardous materials storage or disposal, or any other environmental conditions/incidents associated with the Subject Property.

As of the date of this report, no response to this inquiry has been received. Any environmentally-pertinent information obtained as a result of this inquiry will be provided to the Client as an addendum to this report.

On August 5, 2024, BL Companies submitted an Open Public Records Request Form to Chester County to inquire as to the availability of any records of storage tanks, spills, releases, hazardous materials storage or disposal, or any other environmental conditions/incidents associated with the Subject Property.

On August 7, 2024, A County Official responded to the inquiry via telephone, indicating that general files exist for the Township and three (3) tank files exist for the Subject Property. It is anticipated that these files are for the three (3) (of the four) heating oil ASTs located on the Subject Property. The County representative stated that these files could only be viewed and copied at their office. Based on the Site observations and the known history of the property's development in the mid 1950s, an in-person file review was not conducted.

8.4 Other

No other persons knowledgeable of the Subject Property were interviewed by BL Companies during this assessment.

The Subject Property was visited on July 19, 2024 for the purpose of performing a visual reconnaissance. Selected photographs taken on the reconnaissance date are attached (see Site Photographs appendix).

9.1 Methodology and Limiting Conditions

During the reconnaissance, reasonably-accessible portions of the Subject Property and its boundaries, as well as surrounding roadways, were traversed on foot or in a vehicle and evaluated for conditions indicative of RECs in connection with the Subject Property. All adjacent properties that could be viewed from the Subject Property were observed; however, no adjacent properties were traversed. A BL Companies' representative was unaccompanied during the reconnaissance.

It should be noted that no interior access was granted to the structures at 910 and 914 Township Line Road at the time of the Site reconnaissance.

9.2 PCBs

Polychlorinated biphenyls (PCBs) belong to a broad family of man-made organic chemicals known as chlorinated hydrocarbons and were domestically manufactured from 1929 until their manufacture was banned in 1979. Due to their non-flammability, chemical stability, high boiling point, and electrical insulating properties, PCBs were used in hundreds of industrial and commercial applications including electrical, heat transfer, and hydraulic equipment (e.g., transformers, hydraulic lifts, elevators, etc.). It should be noted that the evaluation of the potential for PCB-containing fluorescent light ballasts is not required by ASTM, and thus, is not addressed as part of this assessment.

No equipment suspected or likely to contain PCBs was observed on the Subject Property at the time of the reconnaissance.

9.3 Storage Tanks

No evidence of current or former USTs was observed at the time of the Subject Property reconnaissance.

Four (4) 275-gallon heating oil ASTs were observed on the Subject Property. The tanks were in fair condition with no evidence of leakage. No indications of leakage were observed on the concrete floor/ground surface surrounding the ASTs.

9.4 Drums and/or Unidentified Substance Containers

No drums or unidentified substance containers were observed on the Subject Property at the time of the reconnaissance.

9.5 Hazardous Substance and Petroleum Products

Various substances (motor oil, paint and small quantities of gasoline) typical of residential upkeep are used and stored within the Subject Properties storage sheds. No evidence of a release of hazardous substances or petroleum products was observed on the Subject Property during the reconnaissance.

9.6 Odors

No strong, pungent, or noxious odors were noted on the Subject Property at the time of the reconnaissance.

9.7 Staining or Stressed Vegetation

No stained soil, stained pavement, or stressed vegetation indicative of a release of petroleum and/or hazardous substances was observed on the Subject Property at the time of the reconnaissance.

9.8 Pools of Liquid

No pools of suspected hazardous liquids or petroleum products were observed on the Subject Property at the time of the reconnaissance.

9.9 Drains and Sumps

No evidence of floor drains or sumps was observed on the Subject Property at the time of the reconnaissance.

9.10 Pits, Ponds, or Lagoons

No evidence of pits, ponds, or lagoons was observed on the Subject Property at the time of the reconnaissance.

9.11 Solid Waste

Evidence of improper solid waste disposal was noted on the 916 Township Line Road property. The solid waste appeared to mainly consist of household debris. No other evidence of improper solid waste disposal (past or present) was observed on the Subject Property at the time of the reconnaissance.

Typical domestic-type refuse generated as a result of Subject Property activities is collected in trash cans and removed on a regular basis.

9.12 Waste Water

No floor drains, trench drains, or sumps were observed on the Subject Property at the time of the reconnaissance.

9.13 Wells

Each residential structure on the Subject Property is serviced by a private, potable well cistern which were mainly observed in the western portion of each parcel. The cisterns are reportedly installed in at the dates of constructions and are connected to pressure tanks and filtration system (filter/water softener) located within each building.

9.14 Septic Systems

Each residential structure on the Subject Property is serviced by a private conventional septic system, with a septic tank typically located to the east of each building.

9.15 Surrounding Properties

No surficial indications of obvious environmental impairment were observed at any of the adjoining or neighboring properties at the time of the reconnaissance.

No "non-scope considerations", as discussed in Section 13 and Appendix X6 of ASTM E1527-21, were evaluated as part of this assessment.

A data gap, as defined by ASTM E1527-21, is a lack or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to, the reconnaissance (for example, an inability to conduct the Subject Property visit), and the interviews (for example, an inability to interview the Key Site Manager, regulatory officials, etc.). Deviations from the standard practice, including User-imposed constraints, may also represent a data gap. A data gap is only considered *significant* when it affects the ability of the EP to identify RECs.

BL Companies made various efforts to obtain information from the User and review reasonably-ascertainable historical sources to develop a history of the previous uses of the Subject Property and surrounding area, in order to help identify the likelihood of past uses having led to RECs in connection with the Subject Property. The historical research is considered complete when either the above objectives have been met, or when data failure is encountered. Data failure, as defined by ASTM E1527-21, occurs when all of the standard historical sources that are reasonably-ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. Data failure is one type of data gap.

The following data failure(s) and/or data gap(s) were encountered during the preparation of this ESA:

- The inability to interview past owners and/or occupants of the Subject Property.
- The inability to interview current owners and/or occupants of the Subject Property.
- The Phase I User Questionnaire was not completed by the User and returned to Consultant prior to the date of this report.
- Interior access to the residential structures at 910 and 914 Township Line Road was not provided during the reconnaissance.

Based on the information presented in this Report, it is the opinion of BL Companies that no *significant* data gaps were encountered during completion of this assessment.

This ESA was conducted in general accordance with the scope and limitations of ASTM E1527-21 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process", and in accordance with BL Companies' contract dated June 25, 2024. Limiting conditions/deviations from the ASTM E1527-21 standard of practice, as well as data gaps encountered during the course of this assessment, are discussed in Sections 2.4 and 11.0 of this report. Limitations of (or exceptions to) this assessment are described in Section 13.0.

12.1 Summary of Findings

Based on a review of available historic records and other information obtained during the course of this ESA, the Subject Property appears to have consisted of undeveloped/agricultural land since at least 1937. The Subject Property residential structures were reportedly constructed as early as 1946 and into the mid 1950s, with the last structure being constructed in 2006 (908 Township Line Road).

The Subject Property was not identified on any Federal, State or Tribal databases according to the database search. In addition, no evidence of the release of hazardous substances or petroleum products to the Subject Property was observed during the reconnaissance.

The following hazardous substances were observed during the Subject Property reconnaissance:

- Four (4) 275-gallon heating oil ASTs
- Various substances (motor oil, paint and small quantities of gasoline) typical of residential upkeep

12.2 HRECs

This assessment has revealed no evidence of historical recognized environmental conditions (HRECs) in connection with the Subject Property.

12.3 RECs

This assessment has revealed no evidence of recognized environmental conditions (RECs) or controlled recognized environmental conditions (CRECs) in connection with the Subject Property.

12.4 BERs/De Minimis Conditions

This assessment has revealed the following business environmental risks (BERs)/de minimis conditions in connection with the Subject Property:

- The presence of four (4), 275-gallon heating oil ASTs located on the Subject Property. No evidence of staining or leakage was observed on or beneath the ASTs.

12.5 Recommendations

Based on the findings of this ESA, no further environmental investigation of the Subject Property appears warranted at this time.

The assessment of the current condition of the Subject Property is based on visually or physically observable conditions found at the Subject Property on the date(s) and at the location(s) specified and does not include the removal of any soil, water, or air samples, the moving of furniture or fixtures, or any type of inspection that would require extraordinary effort to access. The conclusions and recommendations stated herein are based solely on the information described in this Report.

An independent data research company provided the environmental database report referenced in this ESA. Surrounding properties were listed within specific approximate minimum search distances intended to meet the requirements of ASTM E1527-21. The information provided within the environmental database report was assumed to be correct and complete unless obviously contradicted by BL Companies' observations or other credible referenced sources reviewed/interviewed during this assessment. Record information may be inaccurate or incomplete. BL Companies is not obligated to identify mistakes or insufficiencies in information provided; however, shall make a reasonable effort to compensate for mistakes or insufficiencies in the information reviewed that are obvious in light of other information of which BL Companies has actual knowledge.

Because subsurface exploration, observation, and sampling are beyond the scope of a Phase I ESA, no statements can be made concerning the condition of groundwater or subsurface soils beneath the Subject Property. No attempt was made to confirm the compliance of past or present owners or operators of the Subject Property with federal, state, or local laws concerning land usage. Unless specific documentation or evidence indicates that off-site sources have impacted the Subject Property, certainty that such impact has or has not occurred cannot be provided without on-site testing.

There are some substances that non-environmental professionals and others may assume to be *hazardous substances* that are not defined (or not yet defined) as *hazardous substances* under CERCLA through interpretation by EPA regulations and the courts. These substances may include: (1) some substances that occur naturally or through biological digestion (for example, methane), and (2) substances about which human understanding is evolving (for example, per- and polyfluoroalkyl substances, also known as "PFAS"). These and any other "emerging contaminants", where they are not identified as a hazardous substance by CERCLA, as interpreted by EPA regulations and the courts, are not included in the scope of this practice. Some of these substances may be considered a "*hazardous substance*" (or equivalent) under applicable state laws. Substances that are outside the scope of this practice may be regulated under state law and/or may be federally regulated in the future.

Latent conditions and other information may become evident in the future based on currently unavailable evidence. BL Companies assumes no responsibility for such conditions, or for the inspection, engineering, or repair, which might be required to discover or correct such factors. Should such evidence arise, it should be forwarded to BL Companies so that the conclusions and recommendations of this Report may be modified as necessary. In addition, changes in the applicable or appropriate standards may occur, whether they result from legislation, regulation or judicial decisions, from the broadening of knowledge or from other reasons. Accordingly, the findings of the Report may be invalidated wholly or partially by changes outside the control of BL Companies.

This ESA is not intended to address compliance with federal, state or local regulations.

No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to identify, to the extent feasible, RECs in connection with the Subject Property. This practice recognizes reasonable limits of time and cost. BL Companies makes no representations, express or implied, regarding the features or conditions of the Subject Property that may have changed since the date of the site reconnaissance or other information that may have become available subsequent to BL Companies' investigation. The findings in this Report are presumed viable to the extent that the earliest component of the ESA is conducted within 180 days prior to the date of acquisition of the Subject Property (or the date of the intended transaction if applicable per ASTM E1527-21(4.6.1)). Client shall be responsible for any additional charges associated with requests to update the report.

The innocent landowner, contiguous property owner and prospective purchaser defenses to liability under CERCLA require that a person acquiring property conduct all appropriate inquiry with respect to the Subject Property. BL Companies has conducted this environmental assessment in accordance with the requirements of ASTM E1527-21. Professional judgments expressed herein are based on conditions at the time of completion of the individual environmental site assessment elements. Those standards also require that the Client undertake certain additional inquiries. In addition, the liability defenses under CERCLA require, among several other things, that the Client, after the acquisition, stop any continuing releases, prevent any future threatened releases and prevent or limit human, environmental, or natural resource exposure to any hazardous substance released at the Subject Property. BL Companies makes no warranties, expressed or implied, including, without limitation, warranties as to merchantability or fitness for a particular purpose, including any warranty that this Phase I ESA will in fact qualify the Client for the innocent landowner,

contiguous property owner or prospective purchaser defense to liability under CERCLA.

BL Companies represents that the work was performed using the degree of care and skill ordinarily exercised under normal circumstances by professional consultants practicing in the locality of the Subject Property or similar localities.

Non-scope considerations (as addressed in Section 13 and Appendix X6 of ASTM E1527-21) include, but may not be limited to, ACM, LBP, PCB-containing building materials, wetlands, mold, radon, and lead in drinking water. These non-scope items are beyond the scope of ASTM E1527-21 and were not addressed by this study unless specified in Section 2.3. Observations of non-ASTM considerations were limited to those portions of the Site that were readily visible and accessible at the time of the reconnaissance. Furthermore, the determination of the likelihood of the presence of ACM and/or LBP is based largely on the estimated age of the structure(s). Where visual observations are included in the Report, they represent conditions at the time of the site reconnaissance, and may not be indicative of past or future conditions.

14.1 Signatures

This assessment was conducted by the individuals identified below. Professional resumes for these individuals are attached (see Qualifications appendix).

Site Assessor/Author:

Senior Author/Reviewer:



Joseph Kempf
Senior Project Scientist II



Charles Wolf III
Project Manager

14.2 Certification by the Environmental Professional(s)

We declare that, to the best of our professional knowledge and belief, we meet the definition of an EP as defined in Section 312.10 of 40 CFR 312, and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. We have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312 except as follows:

- The results of additional inquiries required under Section 312.22 of 40 CFR 312 were not provided to the EP. All appropriate inquiry does not require submission of this information to the EP, but without this information we are unable to make a declaration regarding related conformance with the requirements of 40 CFR 312.

In order to qualify for innocent landowner, contiguous property owner, or bona fide prospective purchaser protections under CERCLA, any user of this assessment should assure conformance with these requirements.

All Appropriate Inquiries (AAI) Final Rule, 40 CFR 312.

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process; Designation E1527-21.

Environmental Data Resources, Inc., (EDR), www.edrnet.com, provider of:

- Regulatory database search (RadiusMap Report).
- Historical topographic maps.
- Historical aerial photographs.
- City street directories.

Geyer, Alan R. and J. Peter Wilshusen, Engineering Characteristics of the Rocks of Pennsylvania, State Geological Survey, 4th Series, Harrisburg, PA, 1982.

Google Earth, provider of satellite imagery and geolocation services, www.google.com/earth.

Pennsylvania Geological Survey, *PaGEODE* online mapping application, <http://www.gis.dcnr.state.pa.us/maps/index.html>.

Sevon, W.D., 2000, Physiographic Provinces of Pennsylvania, Bureau of Topographic and Geologic Survey, Harrisburg, PA.

USDA, National Resources Conservation Service, Web Soil Survey, <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>.

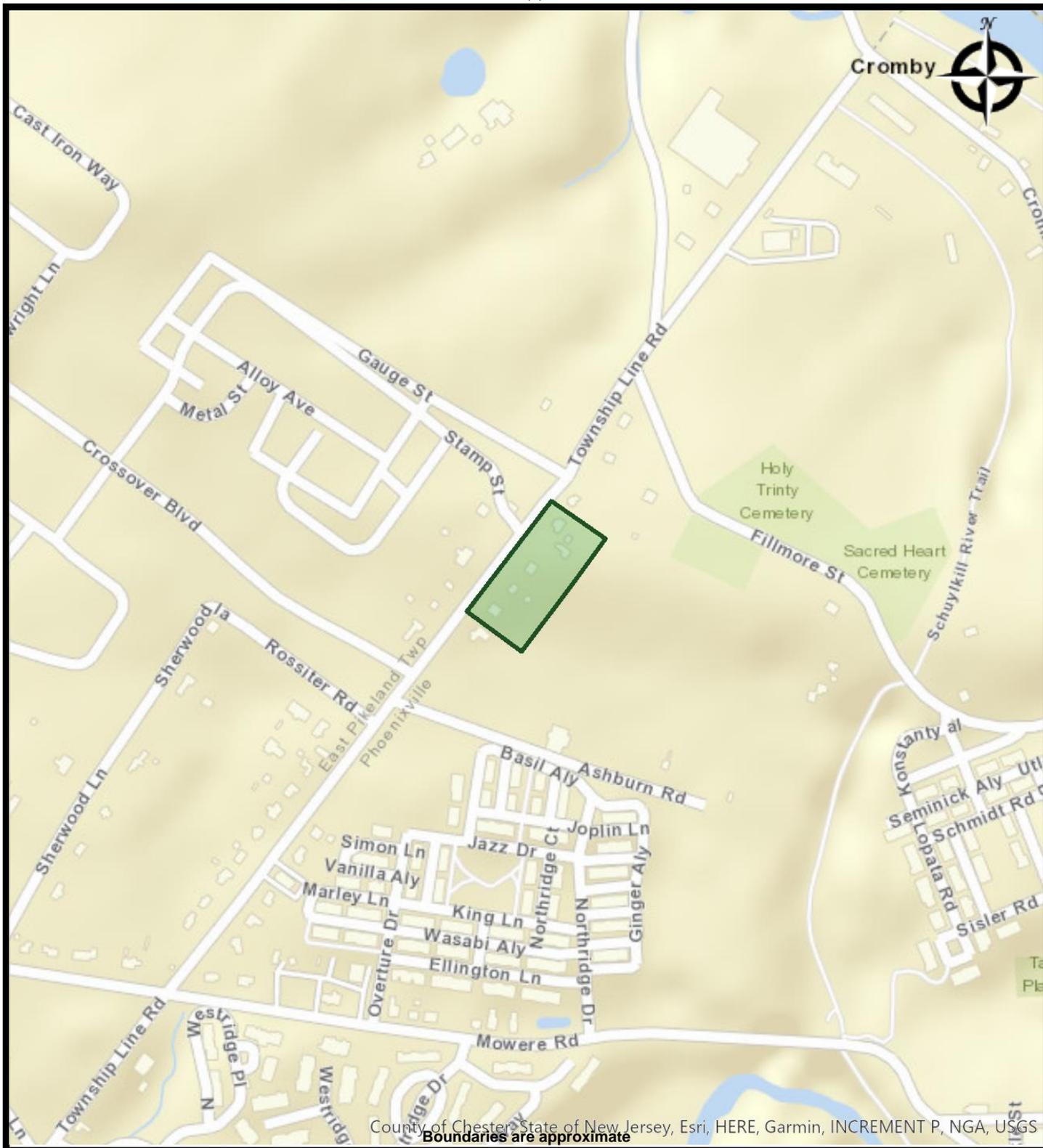
Agencies

Phoenixville Boro

Chester County

ACM - Asbestos Containing Material
AOC - Area of Concern
AST - Aboveground Storage Tank
ASTM - American Society of Testing and Materials
AULs - Activity and Use Limitations
BER - Business Environmental Risk
BTEX - Benzene, Toluene, Ethylbenzene, and Xylenes
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CERCLIS - Comprehensive Environmental Response, Compensation, and Liability Information System
CESQG - Conditionally Exempt Small-Quantity Generator
COC - Chemical of Concern
CORRACTS - facilities subject to corrective action under RCRA
CREC - Controlled Recognized Environmental Condition
DNAPL - Dense Non-Aqueous Phase Liquid
EC - Engineering Control
EP - Environmental Professional
EPA - United States Environmental Protection Agency
ERNS - Emergency Response Notification System
ESA - Environmental Site Assessment
FOIA - Freedom of Information Act
FINDS - EPA's Facility Index System
HREC - Historical Recognized Environmental Condition
HSCA - Hazardous Sites Cleanup Act
IC - Institutional Control
LBP - Lead Based Paint
LQG - Large-Quantity Generator
LNAPL - Light Non-Aqueous Phase Liquid
LUST - Leaking Underground Storage Tank
MTBE - Methyl tert-butyl ether
NFA - No Further Action
NFRAP - former CERCLIS sites where no further remedial action is planned under CERCLA
NPDES - National Pollutant Discharge Elimination System
NPL - National Priorities List (a.k.a., Superfund)
OPRA - Open Public Records Act
OWS - Oil-Water Separator
PAHs - Polynuclear Aromatic Hydrocarbons
PCBs - Polychlorinated Biphenyls
RCRA - Resource Conservation and Recovery Act
RCRAGN - RCRA hazardous waste generator
REC - Recognized Environmental Condition
SARA - Superfund Amendments and Reauthorization Act of 1986
SDS - Safety Data Sheet
SEMS - Superfund Enterprise Management System
SHW - State Hazardous Waste
SQG - Small-Quantity Generator
SVOCs - Semi-Volatile Organic Compounds
SWLF - Solid Waste Landfill
TSDF - hazardous waste Treatment, Storage, or Disposal Facility
USDA - United States Department of Agriculture
USGS - United States Geological Survey
UST - Underground Storage Tank
VEC - Vapor Encroachment Condition
VES - Vapor Encroachment Screening
VOCs - Volatile Organic Compounds
VCP - Voluntary Cleanup Program

FIGURES



**Architecture
Engineering
Environmental
Land Surveying**

**FIGURE 1 - SITE LOCATION MAP
TLR RESIDENTIAL DEVELOPMENT PROJECT
906, 908, 910, 914, and 916
Phoenixville, Pennsylvania 19460**

PREPARED FOR: Franklin Phoenixville, LP

DRAWN BY: Charles Wolf III

DATE: 8/6/2024

IMAGE YEAR:

PROJ. #: 2302858



Architecture
Engineering
Environmental
Land Surveying

Companies

Figure 2 - Site Plan
TLR Residential Development Project
906-916 Township Line Road
Phoenixville, PA 19460

Scale: NOT TO SCALE
Project Number: 2302858
Date: 08/01/2024

Imagery ©2024 Airbus Maxar Technologies

Historical Documentation

TLR Residential Development Project

906, 908, 910, 914, and 916

Phoenixville, PA 19460

Inquiry Number: 7713547.4

July 22, 2024

EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

07/22/24

Site Name:

TLR Residential Development I
906, 908, 910, 914, and 916
Phoenixville, PA 19460
EDR Inquiry # 7713547.4

Client Name:

BL Companies
4242 Carlisle Pike
Camp Hill, PA 17011-0000
Contact: Joseph Kempf



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by BL Companies 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:

P.O.#	NA	Latitude:	40.143134 40° 8' 35" North
Project:	2302858	Longitude:	-75.53252 -75° 31' 57" West
		UTM Zone:	Zone 18 North
		UTM X Meters:	454639.19
		UTM Y Meters:	4443779.79
		Elevation:	226.43' above sea level

Maps Provided:

2019 1906
2016
2013
1983
1973
1968
1955
1943

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Topo Sheet Key

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

2019 Source Sheets



Phoenixville
2019
7.5-minute, 24000



Malvern
2019
7.5-minute, 24000

2016 Source Sheets



Phoenixville
2016
7.5-minute, 24000



Malvern
2016
7.5-minute, 24000

2013 Source Sheets



Phoenixville
2013
7.5-minute, 24000



Malvern
2013
7.5-minute, 24000

1983 Source Sheets



Phoenixville
1983
7.5-minute, 24000
Aerial Photo Revised 1981

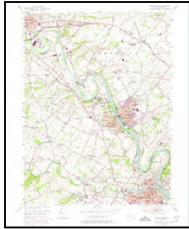


Malvern
1983
7.5-minute, 24000
Aerial Photo Revised 1981

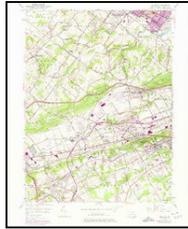
Topo Sheet Key

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

1973 Source Sheets



Phoenixville
1973
7.5-minute, 24000
Aerial Photo Revised 1973

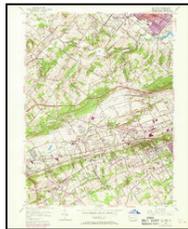


Malvern
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1968 Source Sheets

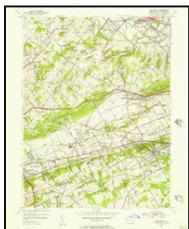


Phoenixville
1968
7.5-minute, 24000
Aerial Photo Revised 1968



Malvern
1968
7.5-minute, 24000
Aerial Photo Revised 1968

1955 Source Sheets



Malvern
1955
7.5-minute, 24000
Aerial Photo Revised 1951



Phoenixville
1955
7.5-minute, 24000
Aerial Photo Revised 1951

1943 Source Sheets

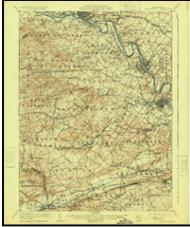


PHOENIXVILLE
1943
15-minute, 50000

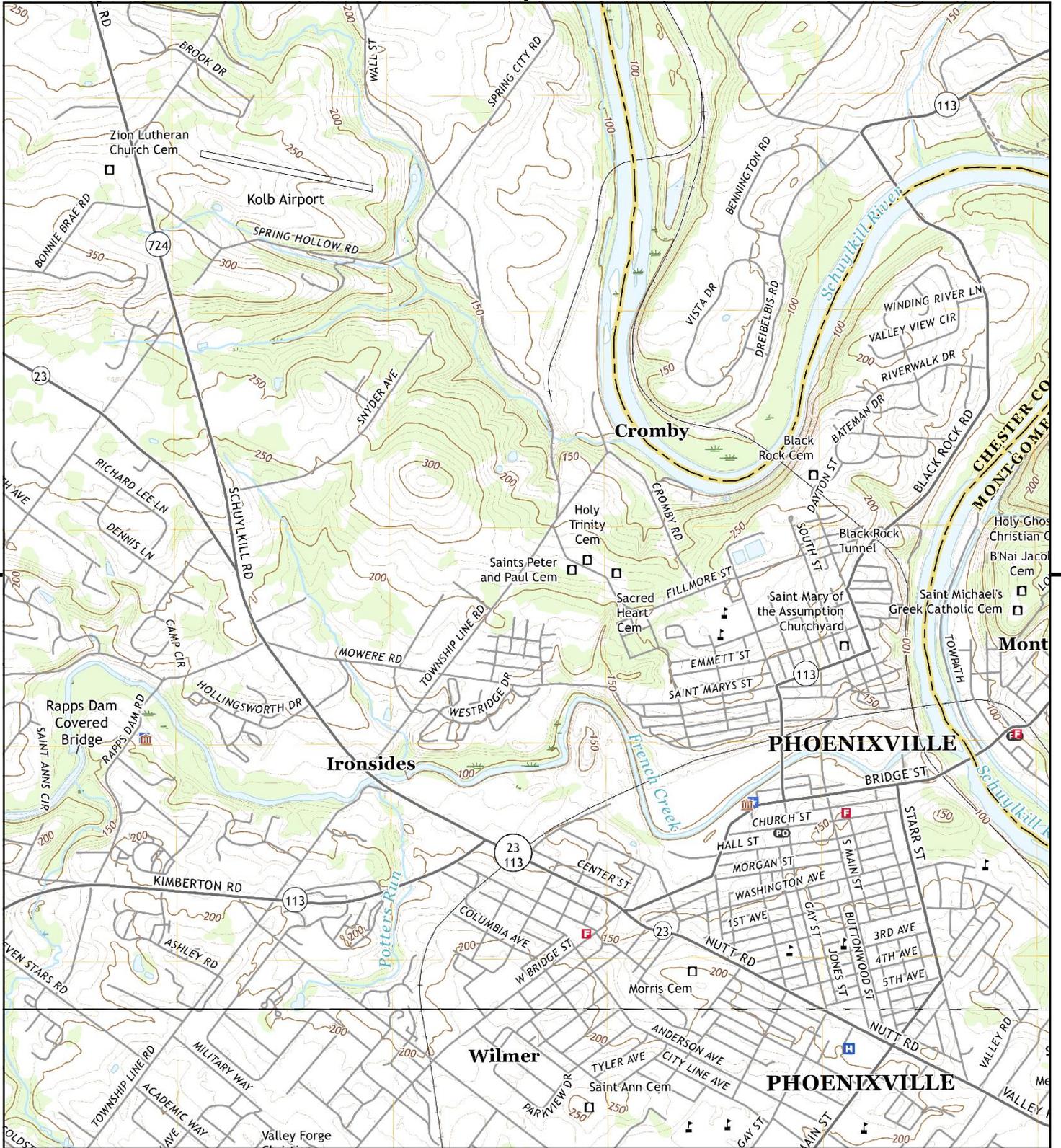
Topo Sheet Key

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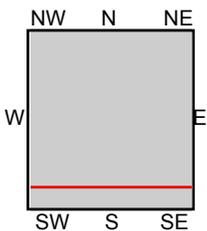
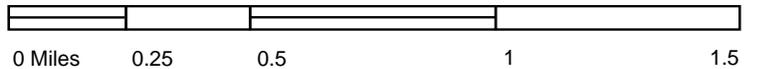
1906 Source Sheets



Phoenixville
1906
15-minute, 62500



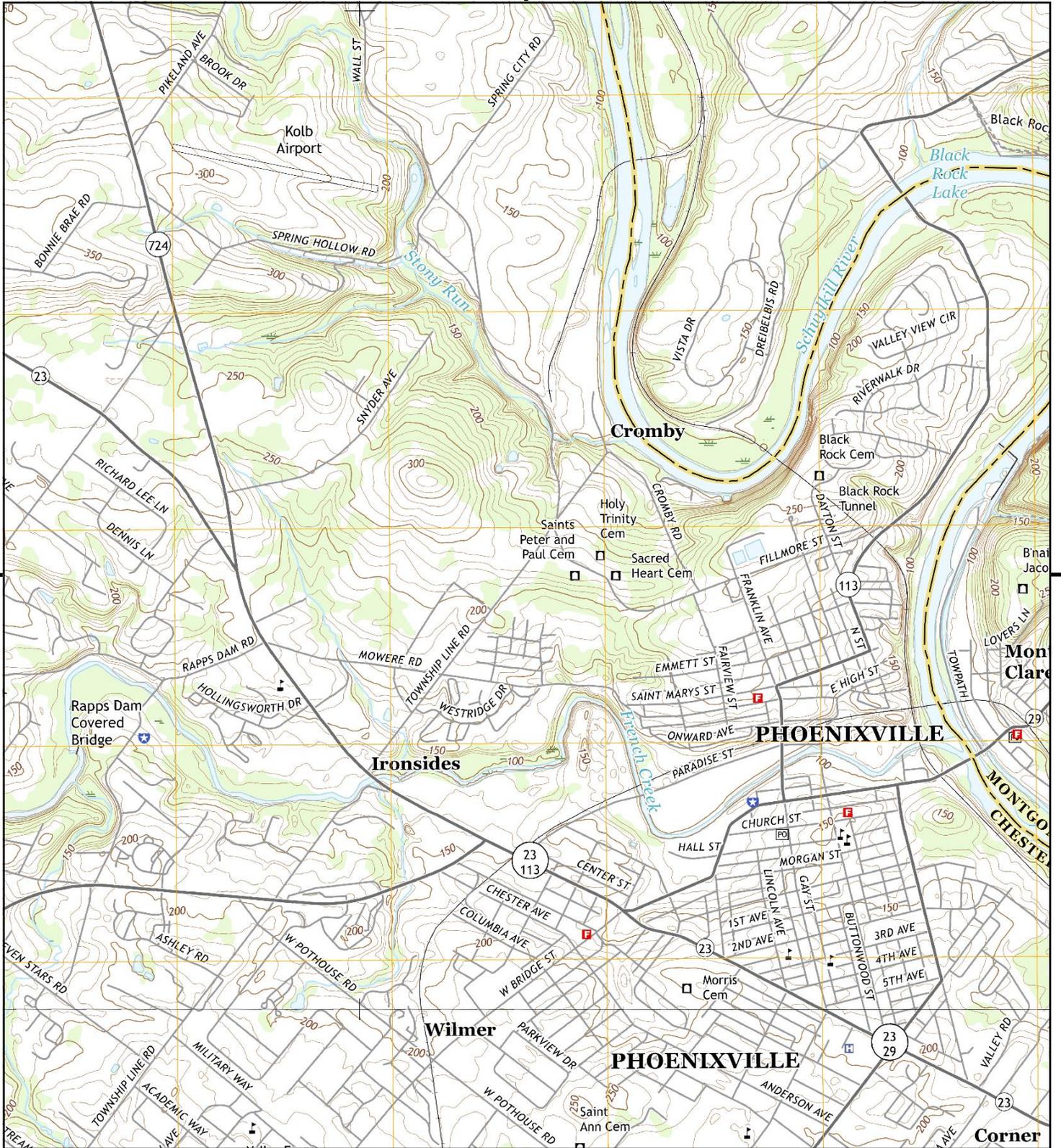
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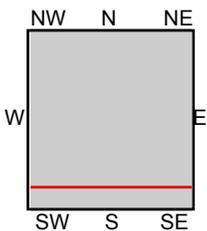
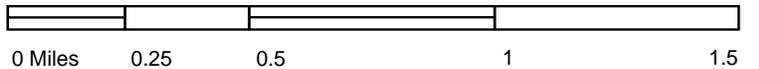
TP, Phoenixville, 2019, 7.5-minute
S, Malvern, 2019, 7.5-minute

SITE NAME: TLR Residential Development Project
ADDRESS: 906, 908, 910, 914, and 916
Phoenixville, PA 19460
CLIENT: BL Companies





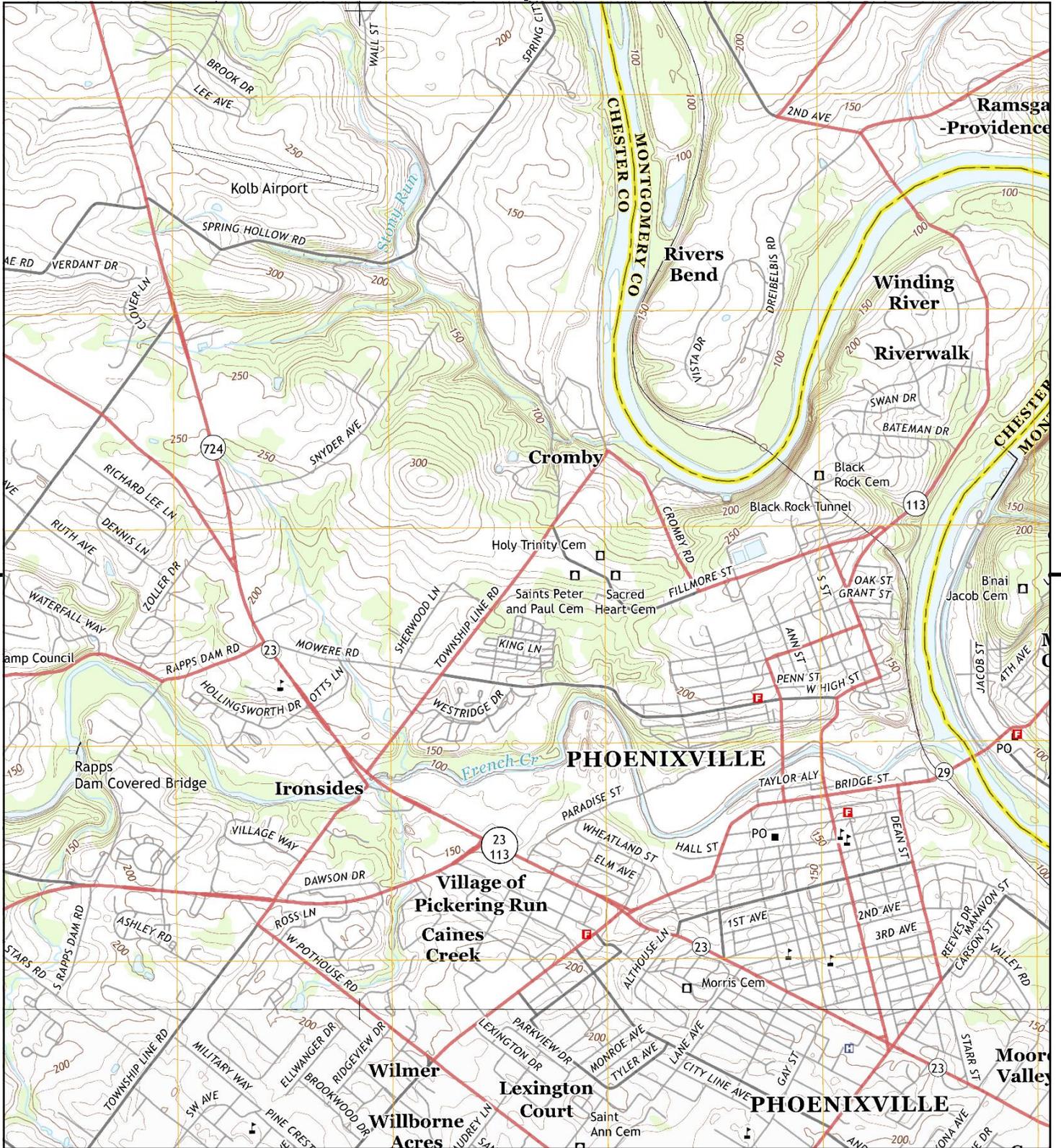
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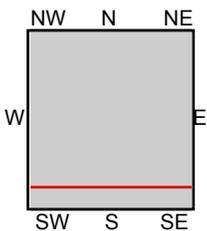
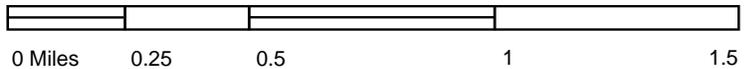
TP, Phoenixville, 2016, 7.5-minute
S, Malvern, 2016, 7.5-minute

SITE NAME: TLR Residential Development Project
ADDRESS: 906, 908, 910, 914, and 916
Phoenixville, PA 19460
CLIENT: BL Companies





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



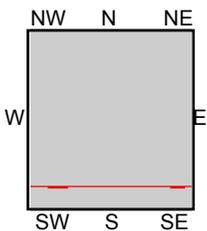
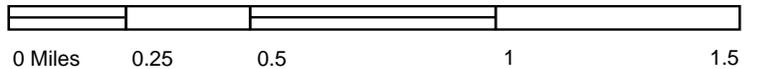
TP, Phoenixville, 2013, 7.5-minute
S, Malvern, 2013, 7.5-minute

SITE NAME: TLR Residential Development Project
ADDRESS: 906, 908, 910, 914, and 916
Phoenixville, PA 19460
CLIENT: BL Companies





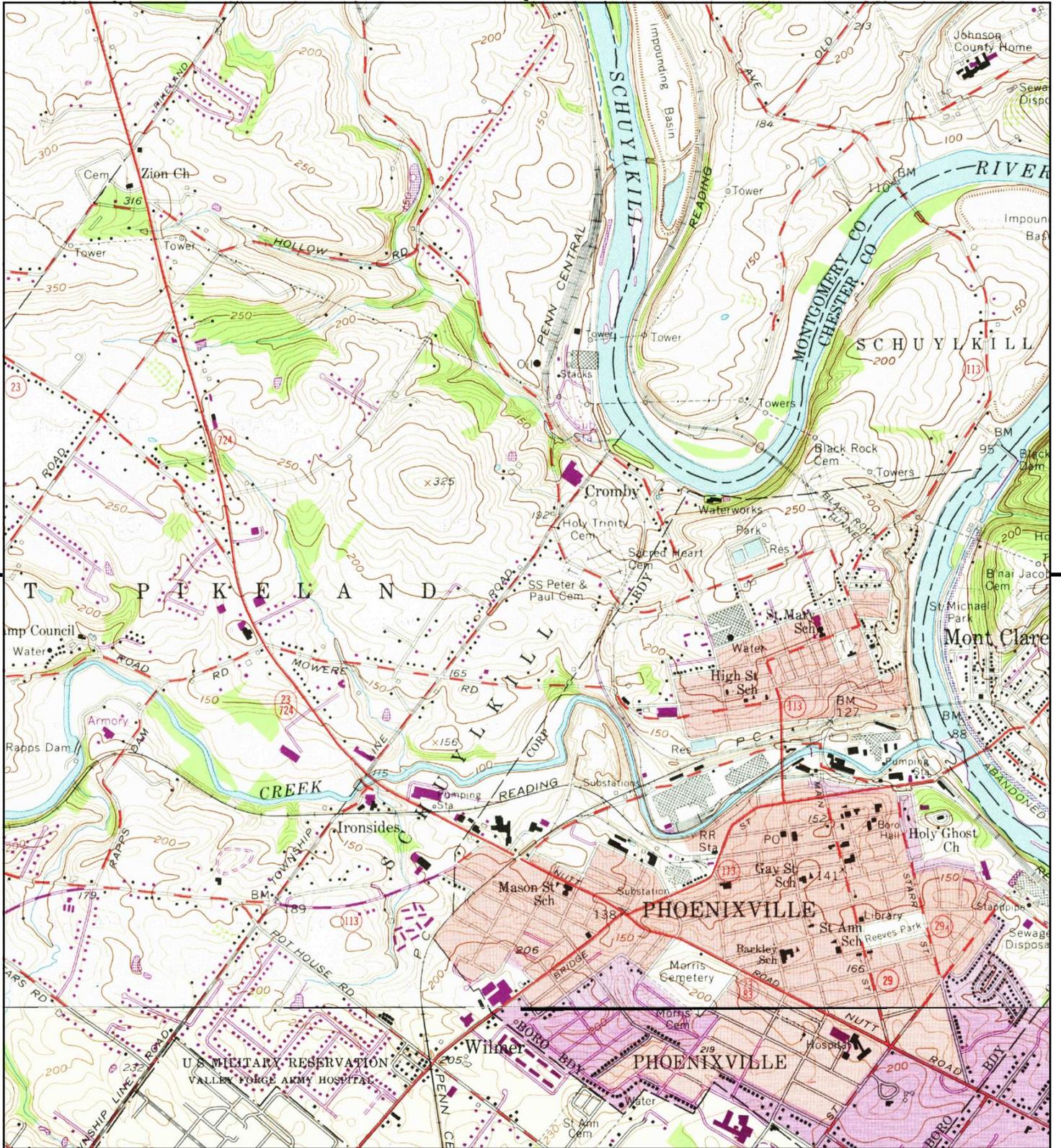
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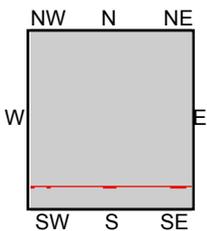
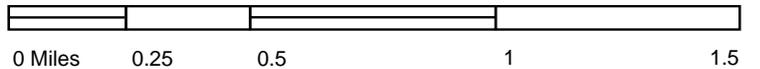
TP, Phoenixville, 1983, 7.5-minute
S, Malvern, 1983, 7.5-minute

SITE NAME: TLR Residential Development Project
ADDRESS: 906, 908, 910, 914, and 916
Phoenixville, PA 19460
CLIENT: BL Companies





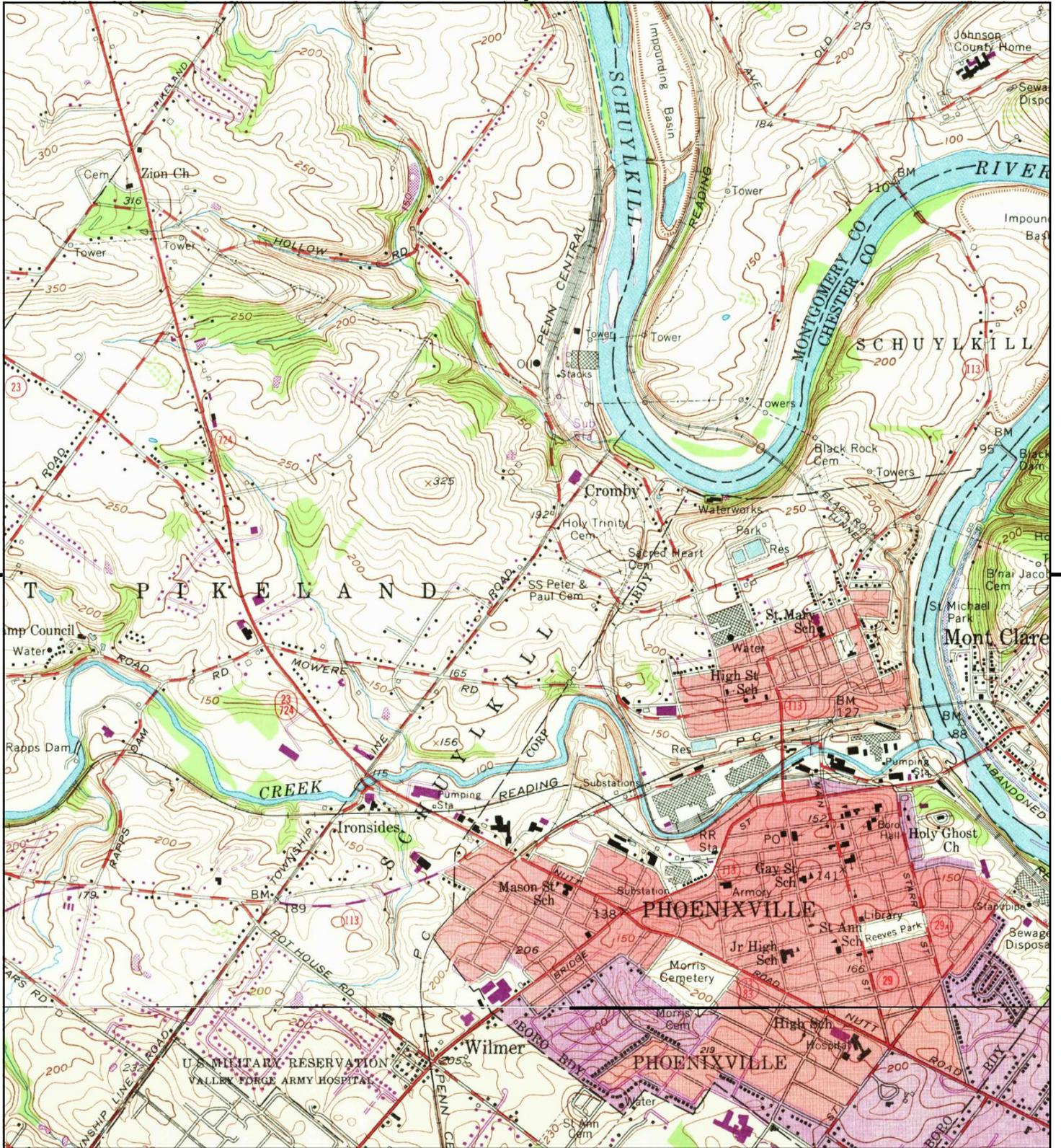
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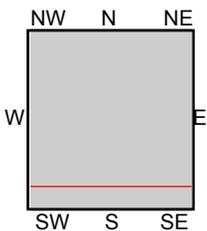
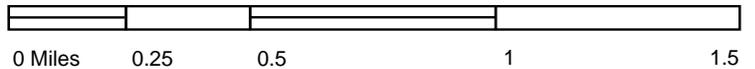
TP, Phoenixville, 1973, 7.5-minute
S, Malvern, 1973, 7.5-minute

SITE NAME: TLR Residential Development Project
ADDRESS: 906, 908, 910, 914, and 916
Phoenixville, PA 19460
CLIENT: BL Companies





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



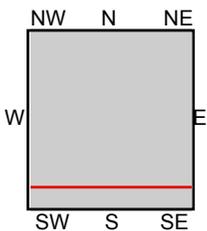
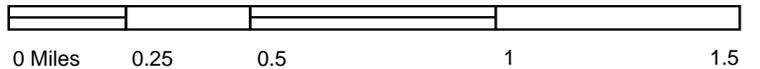
TP, Phoenixville, 1968, 7.5-minute
S, Malvern, 1968, 7.5-minute

SITE NAME: TLR Residential Development Project
ADDRESS: 906, 908, 910, 914, and 916
Phoenixville, PA 19460
CLIENT: BL Companies





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



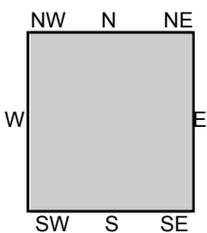
TP, Phoenixville, 1955, 7.5-minute
S, Malvern, 1955, 7.5-minute

SITE NAME: TLR Residential Development Project
ADDRESS: 906, 908, 910, 914, and 916
Phoenixville, PA 19460
CLIENT: BL Companies





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



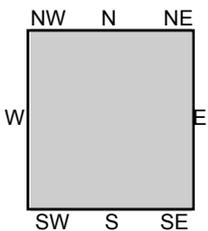
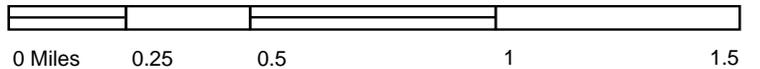
TP, PHOENIXVILLE, 1943, 15-minute

SITE NAME: TLR Residential Development Project
ADDRESS: 906, 908, 910, 914, and 916
 Phoenixville, PA 19460
CLIENT: BL Companies





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



TP, Phoenixville, 1906, 15-minute

SITE NAME: TLR Residential Development Project
 ADDRESS: 906, 908, 910, 914, and 916
 Phoenixville, PA 19460
 CLIENT: BL Companies





TLR Residential Development Project

906, 908, 910, 914, and 916

Phoenixville, PA 19460

Inquiry Number: 7713547.8

July 22, 2024

The EDR Aerial Photo Decade Package



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EDR Aerial Photo Decade Package

07/22/24

Site Name:

TLR Residential Development I
 906, 908, 910, 914, and 916
 Phoenixville, PA 19460
 EDR Inquiry # 7713547.8

Client Name:

BL Companies
 4242 Carlisle Pike
 Camp Hill, PA 17011-0000
 Contact: Joseph Kempf



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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
2002	1"=500'	Acquisition Date: January 01, 2002	USGS/DOQQ
1992	1"=500'	Acquisition Date: March 29, 1992	USGS/DOQQ
1987	1"=500'	Flight Date: September 04, 1987	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: July 05, 1971	USDA
1968	1"=500'	Flight Date: May 01, 1968	USDI
1965	1"=500'	Flight Date: May 13, 1965	EDR Proprietary Aerial Viewpoint
1958	1"=500'	Flight Date: June 07, 1958	USDA
1945	1"=500'	Flight Date: March 08, 1945	EDR Proprietary Aerial Viewpoint
1942	1"=500'	Flight Date: October 08, 1942	USDA
1937	1"=500'	Flight Date: November 04, 1937	USDA

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INQUIRY #: 7713547.8

YEAR: 2019

— = 500'





INQUIRY #: 7713547.8

YEAR: 2015

— = 500'





INQUIRY #: 7713547.8

YEAR: 2010

— = 500'





INQUIRY #: 7713547.8

YEAR: 2005

— = 500'





INQUIRY #: 7713547.8

YEAR: 2002

— = 500'





INQUIRY #: 7713547.8

YEAR: 1992

— = 500'



Subject boundary not shown because it e



INQUIRY #: 7713547.8

YEAR: 1987

— = 500'





INQUIRY #: 7713547.8

YEAR: 1981

— = 500'





INQUIRY #: 7713547.8

YEAR: 1975

— = 500'





INQUIRY #: 7713547.8

YEAR: 1971

— = 500'





INQUIRY #: 7713547.8

YEAR: 1968

— = 500'





INQUIRY #: 7713547.8

YEAR: 1965

— = 500'





INQUIRY #: 7713547.8

YEAR: 1958

— = 500'





INQUIRY #: 7713547.8

YEAR: 1945

 = 500'





INQUIRY #: 7713547.8

YEAR: 1942

— = 500'





INQUIRY #: 7713547.8

YEAR: 1937

— = 500'



TLR Residential Development Project

906, 908, 910, 914, and 916

Phoenixville, PA 19460

Inquiry Number: 7713547.3

July 22, 2024

Certified Sanborn® Map Report



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Certified Sanborn® Map Report

07/22/24

Site Name:

TLR Residential Development I
906, 908, 910, 914, and 916
Phoenixville, PA 19460
EDR Inquiry # 7713547.3

Client Name:

BL Companies
4242 Carlisle Pike
Camp Hill, PA 17011-0000
Contact: Joseph Kempf



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Certified Sanborn Results:

Certification # 56BC-4373-931F
PO # NA
Project 2302858

UNMAPPED PROPERTY

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Sanborn® Library search results

Certification #: 56BC-4373-931F

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

The Sanborn Library LLC Since 1866™

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TLR Residential Development Project

906, 908, 910, 914, and 916

Phoenixville, PA 19460

Inquiry Number: 7713547.5

July 24, 2024

The EDR-City Directory Image Report

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

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

906, 908, 910, 914, and 916
Phoenixville, PA 19460

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
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TOWNSHIP LINE RD

2020	pg A2	EDR Digital Archive
2017	pg A5	Cole Information
2014	pg A7	Cole Information
2010	pg A9	Cole Information
2005	pg A11	Cole Information
2000	pg A13	Cole Information
1995	pg A15	Cole Information
1992	pg A17	Cole Information
1987	pg A18	Cole Criss-Cross Directory
1982	pg A19	Cole Criss-Cross Directory
1976	pg A20	Cole Criss-Cross Directory
1972	pg A21	Cole Criss-Cross Directory

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

TOWNSHIP LINE RD 2020

800	SHAINLINE EXCAVATING INC
806	E R LONG ASSOC STEVE LONG
835	BARD MANUFACTURING ROYERSFORD FOUNDRY & MACHINE
895	TOSCANO TILE & MARBLE
902	JOLENE SWENDA
904	MICHELLE MURRAY
906	BARBARA GROHOSKI MARK GROHOSKI WALTER GROHOSKI
908	DIENTRANG NGO JOHN HAGAN NINA NGO
909	JENNIFER DECKER KIMBERLY PENCAK LISA OTT THOMAS OTT
910	KEARI JORDAN KYLE PLACE
911	JOSEPH JAMIESON
914	BRYIAN SAVILLE R SAVILLE RAYMOND SAVILLE WENDOLYN SAVILLE
915	AUSTIN KURYNNY DEBORAH KURYNNY VICTOR KURYNNY
916	MAURICIO BONIFACIO
918	AUSTIN KIRKBRIDE HARRY BARNETT
920	MCQMRC
925	BRIAN OTTINGER MOLLY SMITH ROBERT OTTINGER
927	JENNIE TROUT JULIANNE PRIZER
928	AMY SEGURA JOHN FUSCO
930	JENNIFER EVANS LEONARD EVANS PATRICIA EVANS
931	ALANA MESHEY ERROL MESHEY
933	GEORGE BROWN SANDRA BROWN
934	ATM
935	DANA LIVEZEY DOUGLAS GREER SEAN DELLAQUILA

TOWNSHIP LINE RD

2020

(Cont'd)

937	JAMES PHILLIPS KIMBERLY PHILLIPS
939	RICHARD TRACEY
940	GRID IRON SPORTS BAR JACQUELINE EVANS PATRICIA EVANS
941	BRIANNA MCDONALD KELLI MCDONALD PATRICIA MCDONALD
942	BLAIR JURY TERESA JURY TERESA OSCAR
943	KACEY HARWICK TROY HARWICK
944	CHRISTI TUMINELLI LEE QUESTEL
946	MICHELE BLANCK
970	MATTHEW OWAD PENCO MANAGEMENT INC TERESA TAYLOR
999	DOMINICK'S AUTO BODY INC THOMAS AQUILANTE
1000	EAST KING ST & CO EASTERN DIECUTTING & FINISHING HOME FURNISHINGS MARKET PENN LAMINATING SHEFFIELD FURNITURE-INTERIORS SHRAWDER FURNITURE INC SHRAWDER RESTORATIONS
1005	ALAIR HOLDSWORTH MICHAEL SOUTHERTON
1015	DAVE DEAL KEVIN HOULIHAN SETH WILLIAMS
1025	JAMES SCHMITZ KATHLEEN SCHMITZ
1043	MARK DEGER PHOEBEANNE DEGER ROBERT DEGER STACEY DEGER
1044	ASHLEY GAMBLE
1051	DEBORAH BAGLEY TIMOTHY BAGLEY
1052	JAMES MACEDO JOHN MACEDO JOYCE MACEDO
1059	ILONA KONIG JOSEPH EAGLE KIMBERLY EAGLE
1060	CHRIS LINDEROTH

TOWNSHIP LINE RD

2020

(Cont'd)

1060	ELINOR LINDEROTH IAN LINDEROTH
1063	SAGETS FORMAL WEAR
1065	BELLA NAPOLI PIZZERIA
1067	INLINE SPINE CHIRO REHAB LIVINGSTON ROBERT S DC SPINAL CARE CHIROPRACTIC
1068	RAYMOND SAVILLE VICTORIA SAVILLE
1071	TIRES PLUS TOTAL CAR CARE
1075	WENDY'S
1080	STRADA AUTO REPAIR INC

TOWNSHIP LINE RD 2017

804	SPACK, VINCENT J
806	E R LONG ASSOCIATES
902	SWENDA, GORDON
904	MURRAY, MICHELLE M
906	GROHOSKI, BARBARA J
908	NGO, DIEN TRANG N
909	OTT, THOMAS W
910	PLACE, KYLE A
911	JAMIESON, JOSEPH M
913	KRAFT, JENNA
914	SAVILLE, WENDOLYN K
915	KURYNNY, VICTOR H
916	HIMES, TERRI
918	KIRKBRIDE, AUSTIN H
920	THE LOYAL ORDER OF MOOSE
925	OTTINGER, BRIAN R
927	TROUT, ROBERT W
928	FUSCO, JOSEPH D
929	BARRON, GARY E
930	EVANS, LEONARD F
931	MESHEY, ERROL P
933	BROWN, GEORGE E
935	GREER, DOUGLAS P
937	PHILLIPS, JAMES A
939	TRACEY, RICHARD D
940	GRID IRON PIZZERIA
	GRID IRON SPORTS BAR
941	MCDONALD, PATRIC
942	JURY, TERESA G
943	HARWICK, TROY D
944	RICHARD, MARC A
946	BLANCK, JAMES M
970	PENCO MANAGEMENT INC
	R PI COMPANY
	WESTRIDGE
999	DOMINICKS AUTO BODY INC
1000	EASTERN DIECUTTING & FINISHING INC
	HOLME FURNISHINGS MARKET
	SHEFFIELD FURNITURE & INTERIORS
	SHRAWDER RESTORATIONS INC
1005	CORTES-SANTANA, ANA S
1015	BEHUNIAK, DARREN M
	DELL, DAVID G
	WILLIAMS, SETH
	WILSON, CHERYL A
1025	SCHMITZ, JAMES H
1043	DEGER, ROBERT M
1044	LEMAY, GENEVIEVE M
1048	CHOTHIER, CHRISTIAN
1051	BAGLEY, TIMOTHY M

TOWNSHIP LINE RD

2017

(Cont'd)

1052	DETWEILER, YVONNE M
1059	EAGLE, JOSEPH P
1060	LINDEROTH, IAN M
1063	PCS WIRELESS SAGETS FORMAL WEAR
1065	BELLA NAPOLI TWENTYFOUR HOURS LOCKSMITH
1068	SAVILLE, VICTORIA I
1070	FURMAN, DARYL
1071	TIRES PLUS
1075	WENDYS
1080	STRADA AUTO REPAIR



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TOWNSHIP LINE RD 2014

800 SHAINLINE EXCAVATING INC
 804 SPACK, VINCENT J
 806 E R LONG ASSOCIATES
 835 INNOVARO
 865 GAROFOLO, DEBORAH L
 895 CARA CONTRUCTION GROUP INC
 902 SWENDA, GORDON
 904 KISTLER, MICHELLE M
 906 GROHOSKI, WALT S
 907 OCCUPANT UNKNOWN,
 908 NGO, DIEN TRANG T
 909 OTT, THOMAS W
 910 JORDAN, KATHLEEN
 911 JAMIESON, JOSEPH M
 913 KRAFT, JENNA
 914 SAVILLE, RAYMOND B
 915 KURYNNY, VICTOR H
 916 HIMES, CHARLES D
 918 KIRKBRIDE, AUSTIN L
 920 MOOSE LODGE PHEONIXVILLE
 925 OTTINGER, ROBERT O
 927 TROUT, ROBERT W
 928 FUSCO, JOSEPH D
 929 BARRON, GARY E
 931 MESHEY, ERROL P
 933 OCCUPANT UNKNOWN,
 935 DOBSON, RICHARD D
 937 PHILLIPS, JAMES A
 939 TRACEY, RICHARD D
 940 GRID IRON PIZZERIA
 GRID IRON SPORTS BAR
 PORTER, JAMES
 941 MCDONALD, PATRIC
 942 JURY, BLAIR L
 943 KALAMON, MICHEAL J
 944 OCCUPANT UNKNOWN,
 946 BLANCK, JAMES M
 970 PENCO MANAGEMENT INC
 RPI COMPANY
 WESTRIDGE
 999 DOMINICKS AUTO BODY INC
 1000 EASTERN DIECUTTING & FINISHING INC
 HOLME FURNISHINGS MARKET
 SHEFFIELD FURNITURE & INTERIORS
 SHRAWDER RESTORATIONS INC
 1005 GIANGIULIO, MATT
 1015 BRYAN, PATRICK J
 DELL, DAVID G
 EGER, ZACCHAEUS L
 OTIS, CHRISTI C

TOWNSHIP LINE RD

2014

(Cont'd)

1015 ROSS, SARAH E
1025 OCCUPANT UNKNOWN,
1043 DEGER, ROBERT M
1044 GLISSON, TRACY T
1051 BAGLEY, TIMOTHY M
1052 MACEDO, JOHN E
1059 EAGLE, JOSEPH P
1060 LINDEROTH, IAN M
1065 BELLA NAPOLI
TWENTYFOUR HOURS LOCKSMITH
1067 SPINAL CARE CHIROPRACTIC PC
1068 SAVILLE, VICTORIA I
1070 FURMAN, DARYL
OCCUPANT UNKNOWN,
1071 TIRES PLUS
1075 WENDYS
1080 STRADA AUTO REPAIR

TOWNSHIP LINE RD 2010

800	J N SHAINLINE MACHINE SHOP SHAINLINE EXCAVATING INC
804	SPACK, VINCENT
806	E R LONG ASSOC
808	PREMAX TOOL & MACHINE
865	GAROFOLO, RICHARD
902	SWENDA, JOLENE K
904	MURRAY, MICHELLE M
906	GROHOSKI, WALT S
907	SCHAEFER, LYNN E
908	HAGAN, JOHN B
910	GOODMAN, LENA C
911	JAMIESON, JOSEPH M
913	KRAFT, MARTIN M
914	SAVILLE, RAYMOND B
915	KURYNNY, VICTOR H
916	BRANNAN, BRUCE
918	BARNETT, HARRY T
920	LOYAL ORDER OF MOOSE
925	OTTINGER, ROBERT O
928	FUSCO, JOSEPH D
929	BARRON, GARY E
930	VANNORTON, SHARMA J
931	MESHEY, ERROL P
933	BROWN, SANDRA E
935	LENGEL, RICHARD C
937	PHILLIPS, KIMBERLY A
939	TRACEY, RICHARD D
940	PORTER, JAMES
941	LONGVIEW SHOPS MCDONALD, CHARLES E
942	JURY, BLAIR L
943	KALAMON, HARRY J
946	BLANCK, JAMES M
970	PENCO MANAGEMENT INC RPI CO WESTRIDGE
999	DOMINICKS AUTO BODY CO
1000	EASTERN DIECUTTING & FINISHING PENN LAMINATING THOMAS BEILMAN CONSTRUCTION
1015	BURKE, KYLE ROSS, SARAH E TULLY, JOHN J WALSH, SARAH A
1025	SCHMITZ, JAMES H
1029	TULLY, JOHN J
1043	DEGER, ROBERT M
1044	PAUL, DEBRA J
1048	STILLMAN, ALEC

Target Street

Cross Street

Source

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Cole Information

TOWNSHIP LINE RD

2010

(Cont'd)

1051	BAGLEY, TIMOTHY J
1052	MACEDO, JOHN E
1059	EAGLE, KIMBERLY
1060	MEEKER, JANE S
1063	PCS WIRELESS
1067	SPINAL CARE CHIROPRACTIC
1068	SAVILLE, RAYMOND B
1070	SMITH, DEBORAH V
1071	TIRES PLUS TOTAL CAR CARE
1080	STRADA AUTO REPAIR



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TOWNSHIP LINE RD 2005

800 J N SHAINLINE MACHINE SHOP
 SHAINLINE EXCAVATING INC
 806 E R LONG ASSOCIATES
 808 PREMAX TOOL & MACHINE INC
 828 PREMAX TOOL AND MACHINE INC
 835 ROYERSFORD FOUNDRY & MACHINE CO INC
 902 SWENDA, JOLENE K
 903 OTTINGER, MALCOLM
 904 MURRAY, MICHELLE M
 906 GROHOSKI, WALT S
 907 LYNN H SCHAEFER INC
 SCHAEFER, LYNN H
 908 HAGAN, JOHN B
 909 OTT, THOMAS W
 910 COCCIA, JOHN N
 911 JAMIESON, JOSEPH M
 913 KRAFT, MICHAEL M
 914 SAVILLE, RAYMOND B
 915 KURYNNY, VICTOR H
 918 BARNETT, HARRY T
 920 LOYAL ORDER OF MOOSE NO 1273
 925 OTTINGER, ROBERT O
 927 RT BILLET DESIGNS
 928 FUSCO, JOSEPH D
 929 BARRON, GARY E
 930 TAVERNINIARTHUR, D
 931 MESHEY, ERROL D
 935 DOBSON, RICHARD D
 939 TRACEY, RICHARD D
 940 CLOUD 9 BAR
 MERLIN ROAD ASSOCIATES INC
 PORTER, GENEVIEVE
 941 MCDONALD, CHARLES E
 942 JURY, BLAIR L
 943 KALAMON, HARRY J
 944 CHEHADE, SAMIR A
 946 BLANCK, JAMES M
 970 NATIONAL PROPERTIES INC
 1000 EASTERN DIE CUTTING & FINISHING
 SHRAWDER RESTORATIONS INC
 SHRAWDER SEFFIELD & CO
 1030 PREDOC INC
 1043 DEGER, ROBERT M
 1044 PAUL, DEBRA J
 1051 BAGLEY, TIMOTHY J
 1059 WOESSNER, KIMBERLY A
 1060 MEEKER, JANE S
 1063 PCS WIRELESS
 1065 BON TEMPS PIZZA
 FOXS PIZZA

Target Street

Cross Street

Source

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Cole Information

TOWNSHIP LINE RD

2005

(Cont'd)

1067 SPINAL CARE CHIROPRACTIC
1068 SAVILLE, RAYMOND B
1070 SMITH, DEBORAH V
1071 AVALINOS
TIRES PLUS

TOWNSHIP LINE RD 2000

800 SHAINLINE EXCAVATING INCORPORATED
 806 E R LONG ASSOCIATES
 808 PREMAX TOOL & MACHINE INCORPORATED
 902 SWENDA, JOLENE K
 906 GROHOSKI, WALT S
 907 SCHAEFER, HARRY
 SCHAEFFER, HARRY A
 908 BOETTLIN, JULIE
 909 OTT, THOMAS W
 910 COCCIA, JOHN
 911 NILES, C
 913 KRAFT, M
 914 SAVILLE, RAYMOND B
 915 KURYNNY, DEBORAH J
 VICS ELECTRONICS
 918 BARNETT, HARRY T
 KIRKBRIDE, AUSTIN
 925 OTTINGER, ROBERT R
 927 TROUT, MARY E
 TROUT, ROBERT W
 928 FUSCO, JOHN
 929 BARRON, GARY E
 DOEBLING, SUSAN
 930 TAVERNINI, ARTHUR D
 931 MESHEY, ERROL D
 933 ELDRIDGE, PETER
 935 LENGEL, K M
 939 TRACEY, RICHARD
 940 CLOUD 9 BAR
 PORTER, G
 941 MCDONALD, P
 942 JURY, BLAIR L
 944 CHEHADE, SAMIR
 970 ANDERSON, S C
 BLACK, K A
 CARLSON, C A
 COLANERI, E B
 COOPERSON, D
 EARLY, MARISA
 ERB, RONALD S
 ERICKSON, C
 ESTES, STEVEN E
 FOULKE, MICHELE A
 GREEN, WALTER W
 HALBERSTEIN, J
 HARDICAN, RENEE
 HOSTETTER, S C
 HULME, C
 IMPRIANO, BRAD
 KAPLAN, J

TOWNSHIP LINE RD

2000

(Cont'd)

970	KEANE, M
	KIEFER, DENISE
	KNAUB, K
	KOLESAR, DONALD
	LANG, M J
	LEVINE, GREGORY O
	MADKOUR, A C
	MONDAY, C
	NASON, M R
	NGUYEN, HUYEN T
	NILAND, KERRY K
	PENG, EILEEN
	PIERCE, C
	POTOCZNIAK, ALEX
	RPI COMPANY
	RUSINKO, G
	RUSSO, JOHN P
	SALAMANT, WALTER A
	SCHRYVER, JAMES
	SEBZDA, F R
	SHIVES, HEATHER L
	SMITH, B A
	STODDART, JOANA L
	SULLENS, MARK
	VEITH, THOMAS
	VOGEL, ROBERT M
	WALKER, ELMO R
	WESTRIDGE
	WHITE, RAY E
1000	REYNOLDS FRED
	REYNOLDS, FRED
	SHRAWDER RESTORATION
1030	PIKELAND CONSTRUCTION ASSOCIATES INCORPORATED
1044	PAUL, DEBRA
1048	LOMBARDI, NELA
1060	LINDEROTH, CHRIS
	MEEKER, JANE
1068	SAVILLE, RAYMOND
1070	PAYNE, K A

TOWNSHIP LINE RD 1995

800	K&R AUTOMOTIVE INC
806	E R LONG ASSOC E R LONG ASSOCS
808	ROYERSFORD FOUNDRY & MACHINE
838	E R LONG ASSOCS
870	BRENNER, B L
902	SWENDA, J
906	GROHOSKI, WALT S
907	OCCUPANT UNKNOWNN
908	OCCUPANT UNKNOWNN
909	OCCUPANT UNKNOWNN
910	COCCIA, JOHN JR
911	KRAFT, THOMAS J
914	SAVILLE, RAYMOND B JR
915	VICS ELECTRONICS
916	KOLINSKY, RICHARD
918	BARNETT, HARRY T
925	OTTINGER, ROBERT R
927	TROUT, ROBERT W JR
928	FUSCO, JOHN
929	BARRON, GARY E DOEBLING, SUSAN
930	TAVERNINI, ARTHUR D
931	MESHEY, ERROL D
933	ELDRIDGE, PETER
939	TRACEY, RICHARD
940	CLOUD NINE
941	MCDONALD, P
942	VISCUSO, N T
946	PALCKO, EDWARD K
970	ANDERSON, S C BROCKS, D DUNAND, JAMES M EVANS, BRIAN C FELDMAYER, DAVE GAYNOR, C GIOLA, GLENN KAPLAN, J KOLESAR, DONALD KURTZ, JAMES LIEGEL, KAREN M ORIZAGABROCKS, P RPI CO SCHRYVER, JAMES SHESNIAK, H SUSAN, R S TESAR, RICHARD WALTERS, SAMUEL WESTRIDGE
999	GRAND SPORT AUTO INC

TOWNSHIP LINE RD 1995 (Cont'd)

1030	OCCUPANT UNKNOWNN
1044	PAUL, DEBRA
1048	KENNEDY, THOMAS
1052	MACEDO, JOHN E
1060	LINDEROTH, C MEEKER, J
1068	SAVILLE, RAYMOND
1070	MARKUS, FRANK JR

TOWNSHIP LINE RD 1992

800	D&R AUTOMOTIVE INC
804	DORNHEIM, M K
806	E R LONG ASSOCS
870	GERRY, JEAN M
906	GROHOSKI, WALT S
907	LAIRD, GARY
908	ABBOTT, KEVIN D
909	OTT, THOMAS W
910	COCCIA, JOHN JR
911	KRAFT, THOMAS J
914	SAVILLE, RAYMOND B JR
915	VICS ELECTRONICS
916	KOLINSKY, RICHARD
918	BARNETT, HARRY T
927	TROUT, MARY E
929	BARRON, GARY E
	DOEBLING, SUSAN
930	TAVERNINI, ARTHUR D
931	MESHEY, ERROL D
939	TRACEY, RICHARD
940	CLOUD 9 BAR
941	MCDONALD, P
942	VISCUSO, N T
944	DANIELS, MICHAEL S
946	PALCKO, EDWARD K
970	ANDERSON, S C
	COWEN, R A
	DUNNE, KELLI
	FREED, B K
	FRY, K J
	GAYNOR, C
	KAPLAN, J
	LIVERMORE, JEFF A
	RAVELLA, ELAINE M
	RAVELLA, RICHARD
	RPI CO
	TYSON, ERIC
	WEBER, PHYLLIS
	WESTRIDGE
999	GRAND SPORT AUTO
1030	GAYDOS, MARY S
1048	ADAMS, TODD W
1052	MACEDO, JOHN E
1068	SAVILLE, RAYMOND
1070	MARKUS, FRANK JR

TOWNSHIP LINE RD 1987

● TOWNSHIP LINE RD		19460
Phoenixville PO		
800- 1299 CT3010		\$B..B27
806	Robert Ottinger78	933-8069
807	900 902 NP	
906	George Schenck80	933-0204
907	Herman J Rehberg64	933-5366
909	Thomas W Ott85	933-1840
910	John Coccia Jr70	933-8774
911	Thomas J Kraft71	933-1819
913	. . . . . NP	
914	R B Saville Jr85	933-7519
915★	Vics Electronics81	933-0936
918	Harry T Barnett77	933-1483
927	. . . . . NP	
929	Gary E Barron80	933-1606
	Susan Doebling80	933-1606
930	Charles A Allen -	933-0726
931	Errol D Meshey77	935-1149
933	Lillian Klimcho74	933-1808
935	. . . . . NP	
939	Richard Tracey73	933-6331
940★	Cloud 9 Bar73	933-9800
941	Allen Steel77	933-6702
942	Nicholas T Viscuso78	935-2472
943	. . . . . NP	
944	J G Bolton81	935-7557
	Robert L Bolton81	935-7557
946	Edward K Palcko81	933-5763
1004	. . . . . NP	
1030	M S Gaydos77	933-5566
1048	J Scott -	935-1254
1052	Thomas E Tomasiak □	933-1425
1068	Raymond Saville66	933-4479
1070	Frank Markus Jr69	933-6100

TOWNSHIP LINE RD 1982

TOWNSHIP LINE RD		PHNIXVL
.....		19460
	TZ3005	\$A..F 2
	TZ3006	\$D..E 2
270090		
806	Robert Ottinger . . . . .	.78 933-8069
900	902	NP
906	George Schenck . . . . .	.80 933-0204
907	Herman J Rehberg . . . . .	.64 933-5366
910	John Coccia Jr . . . . .	.70 933-8774
911	Thomas J Kraft	933-1819
913	John Kraft . . . . .	.# 933-0289
914	John Maynard	- 933-7579
	Terri Maynard . . . . .	.# 933-7579
915	★Vics Electronics . . . . .	.# 933-0936
918	Harry T Barnett . . . . .	.77 933-1483
927	. . . . .	NP
929	Gary E Barron . . . . .	.80 933-1606
	Susan Doebling . . . . .	.80 933-1606
930	. . . . .	NP
931	Errol D Meshey . . . . .	.77 935-1149
933	Mrs L E Klimcho . . . . .	.74 933-1808
	Michael Klimcho	933-1808
935	. . . . .	NP
939	Richard Tracey . . . . .	.73 933-6331
940	★Cloud 9 Bar	933-9800
941	Allen Steel . . . . .	.77 933-6702
942	Nicholas T Viscuso . . . . .	.78 935-2472
944	J G Bolton . . . . .	.# 935-7557
	Robert L Bolton . . . . .	.# 935-7557
946	Edward K Palcko . . . . .	.# 933-5763
1004	R Buckwalter Jr . . . . .	.80 935-2678
1030	M S Gaydos . . . . .	.77 933-5566
1048	Joseph Christiano . . . . .	.78 935-9379
1052	. . . . .	NP
1068	Raymond Saville	933-4479
1070	Frank Markus Jr . . . . .	.69 933-6100

TOWNSHIP LINE RD 1976

TOWNSHIP LINE RD		PHNIXVL
-----		19460
	TZ 3005	\$A..F 2
	TZ 3006	\$D..E 2
900	..... NP	
902	R E Williams	1 933-5292
906	L Schenck	933-0204
907	Herman J Rehberg	933-5366
910	John Coccia Jr	0 933-8774
915	Victor Kuryunny	4 933-0936
918	..... NP	
927	..... NP	
930	Robert Jones	- 935-0334
933	Mrs L E Klimcho	4 933-1808
	Michael Klimcho	933-1808
935	..... NP	
939	Richard Tracey	3 933-6331
940	★ Cloud 9 Bar&Lounge .	935-9932
941	John E Shoap	933-6598
942	D G Gross	5 935-0879
1030	Mrs Michael Gaydos	933-5566
1052	..... NP	
1068	Raymond Saville	933-4479
1070	Frank Markus Jr	9 933-6100

TOWNSHIP LINE RD 1972

TOWNSHIP LINE RD		PHNIXVL
.....		
	.....R R 1.....	19460
...	T 3005	\$C..F 2
...	T 3006	\$E..E 2
278	RICHARD P SNYDER	0 9337057
502	W ANDERSON	□8259237
900	HARRY O POWELL	□9337318
902	R E WILLIAMS	□9332401
906	L SCHENCK	9330204
907	HERMAN J REHBERG	4 9335366
910	JOHN COCCIA JR	0 9338774
915	MICHAEL SOMBERS	6 9335196
927	MAJ JOHN H MOYER	9338332
930	THOMAS CUFF	□9338261
933	MRS L E KLIMCHO	9331808
	MICHAEL KLIMCHO	9331808
935	WILLIAM S DEEMER	9334316
941	JOHN E SHOAP	6 9336598
1030	MRS MICHAEL GAYDOS	9335566
1052	EDWARD L REBER	□9338566
1070	FRANK MARKUS JR	9 9336100

Environmental Database Report

TLR Residential Development Project

906, 908, 910, 914, and 916

Phoenixville, PA 19460

Inquiry Number: 7713547.2s

July 22, 2024

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
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

906, 908, 910, 914, AND 916
PHOENIXVILLE, PA 19460

COORDINATES

Latitude (North):	40.1431340 - 40° 8' 35.28"
Longitude (West):	75.5325200 - 75° 31' 57.07"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	454638.0
UTM Y (Meters):	4443569.5
Elevation:	226 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	13944115 PHOENIXVILLE, PA
Version Date:	2019

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20191019
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
 906, 908, 910, 914, AND 916
 PHOENIXVILLE, PA 19460

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	SHAINLINE EXCAV	800 TOWNSHIP LINE RD	AST	Lower	1240, 0.235, NE
A2	K & R ENTERPRISES	800 TOWNSHIP LINE RD	RCRA NonGen / NLR, FINDS, ECHO	Lower	1240, 0.235, NE
3	PECO CROMBY STA	TOWNSHIP LINE & CROM	VCP, ACT 2-DEED, LAND REC CLEANUP	Lower	1962, 0.372, NNE
4	CEDAR HOLLOW RECYCLI		SWF/LF	Lower	1994, 0.378, ESE
B5	CROMBY GEN STA	100 CROMBY RD	UST FINDER, UST FINDER RELEASE	Lower	2087, 0.395, NNE
B6	CROMBY GEN STA	100 CROMBY RD	LUST, LAST, ARCHIVE UST, ARCHIVE AST, SPILLS,...	Lower	2087, 0.395, NNE
7	RENNINGER FARM 1		SWF/LF	Higher	2583, 0.489, WNW
8	SCM SPECIALTY COATIN	RTE 23 @ FRENCH CREE	SEMS-ARCHIVE, CORRACTS, RCRA NonGen / NLR	Lower	3666, 0.694, SW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

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 CERCLA sites with NFRAP

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

Lists of Federal RCRA TSD facilities

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

Lists of Federal RCRA generators

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small 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

EXECUTIVE SUMMARY

Lists of state- and tribal (Superfund) equivalent sites

SHWS..... Hazardous Sites Cleanup Act Site List
HSCA..... HSCA Remedial Sites Listing

Lists of state and tribal leaking storage tanks

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
UNREG LTANKS..... Unregulated Tank Cases

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing
UST..... Listing of Pennsylvania Regulated Underground Storage Tanks
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Engineering Controls Site Listing
AUL..... Environmental Covenants Listing
INST CONTROL..... Institutional Controls Site Listing

Lists of state and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing
LAND REC CLEANUP..... Land Recycling Cleanup Location Listing

Lists of state and tribal brownfield sites

BROWNFIELDS..... Brownfields Sites

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

HIST LF..... Abandoned Landfill Inventory
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 Lists of Registered Storage Tanks

ARCHIVE UST..... Archived Underground Storage Tank Sites

EXECUTIVE SUMMARY

ARCHIVE AST..... Archived Aboveground Storage Tank Sites

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

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 AIRS..... Aerometric Information Retrieval System Facility Subsystem

US MINES..... Mines Master Index File

ABANDONED MINES..... Abandoned Mines

MINES MRDS..... Mineral Resources Data System

FINDS..... Facility Index System/Facility Registry System

UXO..... Unexploded Ordnance Sites

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

ECHO..... Enforcement & Compliance History Information

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

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

EXECUTIVE SUMMARY

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 PROJECT.....	NORTHEASTERN UNIVERSITY PFAS PROJECT
PFAS NPDES.....	Clean Water Act Discharge Monitoring Information
PFAS ECHO.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAIN....	Facilities in Industries that May Be Handling PFAS Listing
PFAS PT 139 AIRPORT.....	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC.....	Aqueous Foam Related Incidents Listing
BIOSOLIDS.....	ICIS-NPDES Biosolids Facility Data
UST FINDER.....	UST Finder Database
E MANIFEST.....	Hazardous Waste Electronic Manifest System
PFAS.....	Sites With Known PFAS Contamination
AIRS.....	Permit and Emissions Inventory Data
ASBESTOS.....	ASBESTOS
DRYCLEANERS.....	Drycleaner Facility Locations
MANIFEST.....	Manifest Information
MINES.....	MINES
NPDES.....	NPDES Permit Listing
UIC.....	Underground Injection Wells

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
RGA LF.....	Recovered Government Archive Solid Waste Facilities List
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.

EXECUTIVE SUMMARY

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 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 06/03/2024 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SCM SPECIALTY COATIN EPA ID:: PAD047331095	RTE 23 @ FRENCH CREE	SW 1/2 - 1 (0.694 mi.)	8	46

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Environmental Resources' Solid Waste Facility Inventory/Transfer Stations.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 2 SWF/LF 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>
RENNINGER FARM 1 Database: MUN WASTE OPER, Date of Government Version: 01/05/2024		WNW 1/4 - 1/2 (0.489 mi.)	7	46

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CEDAR HOLLOW RECYCLI Database: MUN WASTE OPER, Date of Government Version: 01/05/2024 Database: RES WASTE OPER, Date of Government Version: 01/05/2024		ESE 1/4 - 1/2 (0.378 mi.)	4	14

Lists of state and tribal leaking storage tanks

LAST: The Leaking Aboveground Storage Tank database from the Department of Environmental Protection.

A review of the LAST list, as provided by EDR, and dated 03/01/2024 has revealed that there is 1 LAST site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CROMBY GEN STA Facility Id: 585739	100 CROMBY RD	NNE 1/4 - 1/2 (0.395 mi.)	B6	17

EXECUTIVE SUMMARY

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 LUST list, as provided by EDR, and dated 03/01/2024 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CROMBY GEN STA Facility Id: 585739	100 CROMBY RD	NNE 1/4 - 1/2 (0.395 mi.)	B6	17

Lists of state and tribal registered storage tanks

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 AST list, as provided by EDR, and dated 03/01/2024 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SHAINLINE EXCAV Site ID: 570143 Tank Status: C	800 TOWNSHIP LINE RD	NE 1/8 - 1/4 (0.235 mi.)	A1	8

Lists of state and tribal voluntary cleanup sites

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 VCP list, as provided by EDR, and dated 04/02/2024 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PECO CROMBY STA Activity ID: 617189	TOWNSHIP LINE & CROM	NNE 1/4 - 1/2 (0.372 mi.)	3	12

ADDITIONAL ENVIRONMENTAL RECORDS

Local Land Records

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

EXECUTIVE SUMMARY

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PECO CROMBY STA	TOWNSHIP LINE & CROM	NNE 1/4 - 1/2 (0.372 mi.)	3	12

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 06/03/2024 has revealed that there is 1 RCRA NonGen / NLR 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>
K & R ENTERPRISES EPA ID:: PAD982675555	800 TOWNSHIP LINE RD	NE 1/8 - 1/4 (0.235 mi.)	A2	8

UST FINDER RELEASE: US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

A review of the UST FINDER RELEASE list, as provided by EDR, and dated 06/08/2023 has revealed that there is 1 UST FINDER RELEASE site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CROMBY GEN STA	100 CROMBY RD	NNE 1/4 - 1/2 (0.395 mi.)	B5	15

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

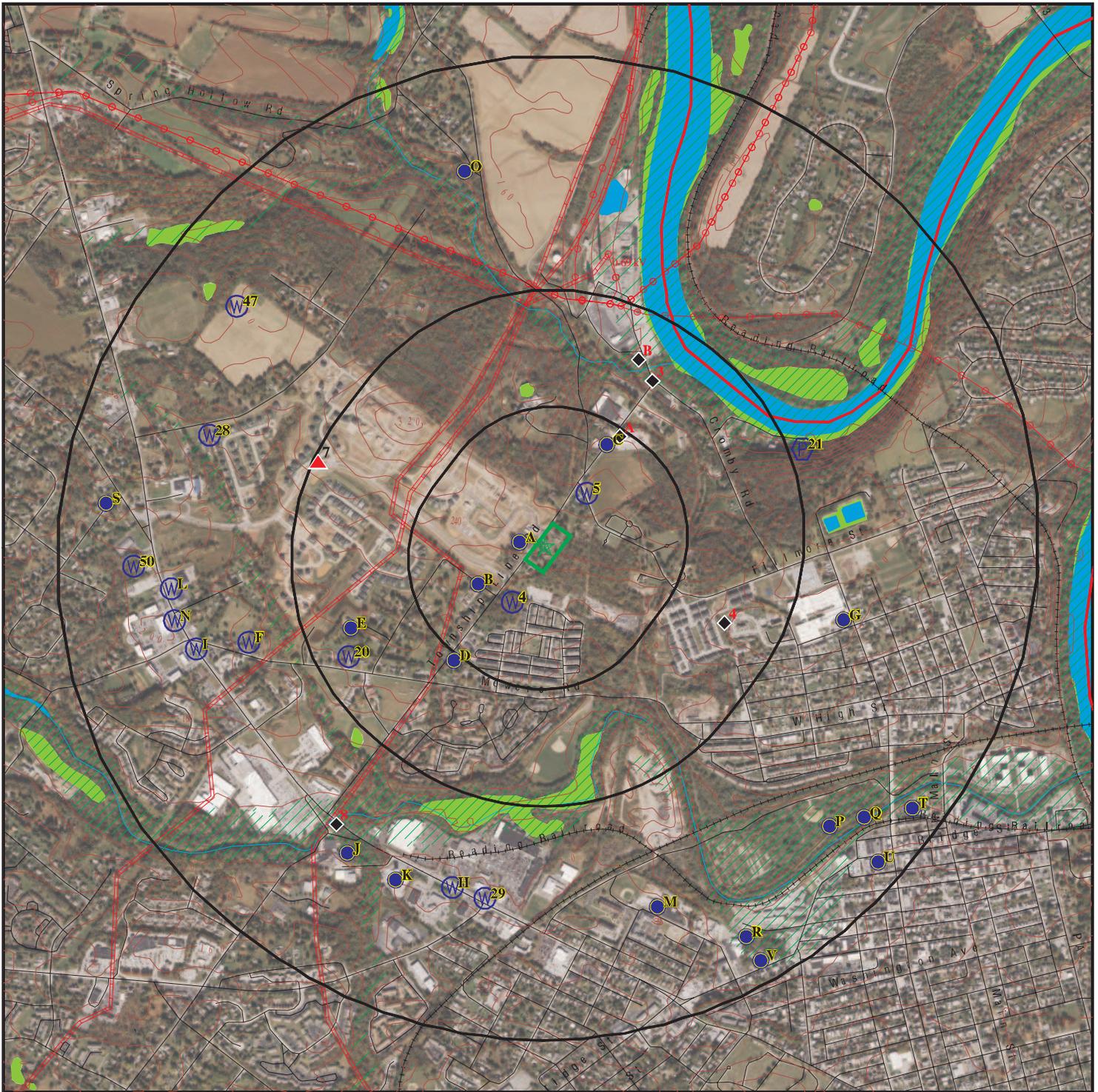
Site Name

LIMERICK-ROYERSFORD AMUSEMENT
PHOENIXVILLE WTP

Database(s)

SEMS-ARCHIVE
LAST, ARCHIVE AST

OVERVIEW MAP - 7713547.2S



 Target Property

 Sites at elevations higher than or equal to the target property

 Sites at elevations lower than the target property

 Manufactured Gas Plants

 National Priority List Sites

 Dept. Defense Sites

 Indian Reservations BIA

 County Boundary

 Power transmission lines

 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: TLR Residential Development Project
 ADDRESS: 906, 908, 910, 914, and 916
 Phoenixville PA 19460
 LAT/LONG: 40.143134 / 75.53252

CLIENT: BL Companies
 CONTACT: Joseph Kempf
 INQUIRY #: 7713547.2s
 DATE: July 22, 2024 10:52 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
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of Federal NPL (Superfund) sites</i>								
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
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	1	NR	1
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
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
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>Lists of state- and tribal (Superfund) equivalent sites</i>								
SHWS	1.000		0	0	0	0	NR	0
HSCA	1.000		0	0	0	0	NR	0
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	2	NR	NR	2
<i>Lists of state and tribal leaking storage tanks</i>								
LAST	0.500		0	0	1	NR	NR	1

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
LUST	0.500		0	0	1	NR	NR	1
INDIAN LUST	0.500		0	0	0	NR	NR	0
UNREG LTANKS	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
AUL	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	1	NR	NR	1
LAND REC CLEANUP	TP		NR	NR	NR	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
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
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
ARCHIVE UST	0.250		0	0	NR	NR	NR	0
ARCHIVE AST	TP		NR	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
ACT 2-DEED	0.500		0	0	1	NR	NR	1
<i>Records of Emergency Release Reports</i>								
HMIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	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 PROJECT	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

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

A1
NE
1/8-1/4
0.235 mi.
1240 ft.

SHAINLINE EXCAV
800 TOWNSHIP LINE RD
PHOENIXVILLE, PA 19460

Site 1 of 2 in cluster A

AST **A100177424**
N/A

Relative:
Lower
Actual:
175 ft.

AST:

Name: SHAINLINE EXCAV
Address: 800 TOWNSHIP LINE RD
City,State,Zip: PHOENIXVILLE, PA 19460
Site ID: 570143
Client Id: 170840
Other Id: 15-46034
Mailing Name: SHAINLINE EXCAV INC
Mailing Address: 800 TOWNSHIP LINE RD
Mailing Address: Not reported
Mailing City,St,Zip: PHOENIXVILLE, PA 19460-3052
Municipality: Phoenixville
Region Name: EP SE Rgnl Off Norristown

Tank Seq Num: 001A
Tank Status: Currently In Use
Tank Capacity: 10000
Substance: Diesel Fuel
Date Installed: 07/11/1994
Tank Code: AST
Inspection Code: In Service
Tank Last Inspected: 02/04/2015
Registration Expiration Date: 02/04/2024
Decode for Tstatus: Currently In Use
Decode for Substance: Diesel Fuel

A2
NE
1/8-1/4
0.235 mi.
1240 ft.

K & R ENTERPRISES
800 TOWNSHIP LINE RD RD 3
PHOENIXVILLE, PA 19460

Site 2 of 2 in cluster A

RCRA NonGen / NLR **1000129109**
FINDS **PAD982675555**
ECHO

Relative:
Lower
Actual:
175 ft.

RCRA Listings:

Date Form Received by Agency: 20180620
Handler Name: K & R Enterprises
Handler Address: 800 Township Line Rd Rr 3
Handler City,State,Zip: PHOENIXVILLE, PA 19460
EPA ID: PAD982675555
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

K & R ENTERPRISES (Continued)

1000129109

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:	N
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
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:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	F002
Waste Description:	The Following Spent Halogenated Solvents: Tetrachloroethylene,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K & R ENTERPRISES (Continued)

1000129109

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:	BEARD RICHARD
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:	20161122
Handler Name:	K & R ENTERPRISES
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:	K & R ENTERPRISES
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K & R ENTERPRISES (Continued)

1000129109

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

Receive Date: 19900405
Handler Name: K & R ENTERPRISES
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

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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

K & R ENTERPRISES (Continued)

1000129109

Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 20161121
 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

FINDS:

Registry ID: 110001026452

[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: 1000129109
 Registry ID: 110001026452
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110001026452>
 Name: K & R ENTERPRISES
 Address: 800 TOWNSHIP LINE RD RD 3
 City,State,Zip: PHOENIXVILLE, PA 19460

3
NNE
1/4-1/2
0.372 mi.
1962 ft.

PECO CROMBY STA
TOWNSHIP LINE & CROMBY RD
PHOENIXVILLE, PA 19460

VCP **S106983624**
ACT 2-DEED **N/A**
LAND REC CLEANUP

Relative:
Lower
Actual:
110 ft.

VCP:
 Name: PECO CROMBY STA
 Address: TOWNSHIP LINE & CROMBY RD
 City,State,Zip: PHOENIXVILLE, PA 19460

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PECO CROMBY STA (Continued)

S106983624

Activity:
Activity ID: 617189,
Cleanup Records:
Municipality: East Pikeland Twp
Region: Southeast Region
Category Desc: Fuel Oil No 2
Type: Complete Sites
LRP Activity Number: 490
Remediation: Statewide Health Standard
Activity: NO
Date Approved: 02/05/1998
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: 40.148055
Longitude: -75.530555

ACT 2-DEED:
Region: 4100
Municipality: East Pikeland
Site Size: 0.5
Cleanup Standard: Statewide Health
Cleanup Indicator: Not reported
Response Date: 2/5/1998
Category Description: Fuel Oil No 2
Land Designation Code: Not reported

LAND REC CLEANUP:
Facility ID: 617189
Name: PECO CROMBY STA
Address: TOWNSHIP LINE & CROMBY RD
City,State,Zip: PHOENIXVILLE, PA 19460
Site ID: 455163
Site Name: FORMER CROMBY GEN STA
Primary Facility Status: ACTIVE
Client ID: 0
Organization Name: Unavailable
Client Name: Unavailable
Sub Facility Name: PECO CROMBY STA-SOIL
Sub Facility ID: 732253
Primary Facility Type: LAND RECYCLING CLEANUP LOCATION
Primary Facility Kind: UTILITY
Other Facility ID: 1-15-923-2878
Sub Facility Type: SOIL MEDIA
S Other ID: 732253
Client Relationship: Owner
Site Status: ACTIVE
Sub Facility Status: Unavailable
Compliance: YES

Facility ID: 617189
Name: PECO CROMBY STA
Address: TOWNSHIP LINE & CROMBY RD
City,State,Zip: PHOENIXVILLE, PA 19460

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PECO CROMBY STA (Continued)

S106983624

Site ID: 455163
 Site Name: FORMER CROMBY GEN STA
 Primary Facility Status: ACTIVE
 Client ID: 0
 Organization Name: Unavailable
 Client Name: Unavailable
 Sub Facility Name: PECO CROMBY STA-SOIL
 Sub Facility ID: 732254
 Primary Facility Type: LAND RECYCLING CLEANUP LOCATION
 Primary Facility Kind: UTILITY
 Other Facility ID: 1-15-923-2878
 Sub Facility Type: SOIL MEDIA
 S Other ID: 732254
 Client Relationship: Owner
 Site Status: ACTIVE
 Sub Facility Status: Unavailable
 Compliance: YES

4
ESE
1/4-1/2
0.378 mi.
1994 ft.

CEDAR HOLLOW RECYCLING

SWF/LF S129360231
N/A

, PA

Relative:
Lower
Actual:
211 ft.

MUN WASTE OPER:
 Site ID: 521458
 Name: CEDAR HOLLOW RECYCLING
 Address: Not reported
 Address 2: Not reported
 City,State,Zip: PA
 Latitude: 5109714.2048999965
 Longitude: -8585731.2543
 Status: ACTIVE
 Client ID: 62497
 Organization Name: CEDAR HOLLOW LAND DEV INC
 Operator Name: CEDAR HOLLOW LAND DEV INC
 Primary Facility Name: CEDAR HOLLOW RECYCLING PBR MW OPERATION
 Primary Facility ID: 643915
 Sub Facility Name: CEDAR HOLLOW RECYCLING PBR PROC FAC
 Sub Facility ID: 784353
 Primary Facility Type: MUNICIPAL WASTE OPERATION
 Primary Facility Kind: Unavailable
 Other Facility ID: WMGR005
 Sub Facility Type: PROCESSING FACILITY
 Internal Feature Number: 784353
 Client Relationship: Owner
 Primary Facility Status: INACTIVE
 Sub Facility Status: INACTIVE
 Compliance: YES
 Acres: Not reported
 Average Volume: Not reported
 Max Volume: Not reported
 Closed Date: Not reported
 Description: Not reported

RES WASTE OPER:

Site ID: 521458

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CEDAR HOLLOW RECYCLING (Continued)

S129360231

Name: CEDAR HOLLOW RECYCLING
 Address: Not reported
 Address 2: Not reported
 City,State,Zip: PA
 Latitude: 4886428.950599998
 Longitude: -8407435.4642
 Status: ACTIVE
 Client ID: 62497
 Organization Name: CEDAR HOLLOW LAND DEV INC
 Operator Name: CEDAR HOLLOW LAND DEV INC
 Primary Facility Name: CEDAR HOLLOW RECYCLING RW OPERATIONS
 Primary Facility ID: 648158
 Sub Facility Name: CEDAR HOLLOW RECYCLING FACILITY
 Sub Facility ID: 793061
 Primary Facility Type: RESIDUAL WASTE OPERATION
 Primary Facility Kind: CAPTIVE
 Other Facility ID: WMGR101
 Sub Facility Type: PROCESSING FACILITY
 Internal Feature Number: WMGR101
 Client Relationship: Owner
 Primary Facility Status: ACTIVE
 Sub Facility Status: ACTIVE
 Compliance: YES
 Acres: Not reported
 Average Volume: Not reported
 Max Volume: Not reported
 Closed Date: Not reported
 Description: Not reported

B5
NNE
1/4-1/2
0.395 mi.
2087 ft.

CROMBY GEN STA
100 CROMBY RD
PHOENIXVILLE, PA 19460

Site 1 of 2 in cluster B

UST FINDER 1028652630
UST FINDER RELEASE N/A

Relative:
Lower
Actual:
97 ft.

UST FINDER:
 Object ID: 364012
 Facility ID: PA455163
 Name: CROMBY GEN STA
 Address: 100 CROMBY RD
 City,State,Zip: PHOENIXVILLE, PA 19460
 Address Match Type: PointAddress
 Open USTs: 0
 Closed USTs: 5
 TOS USTs: 0
 Population 1500ft: 32
 Private Wells 1500ft: 8
 Within 100yr Floodplain: Yes
 Land Use: Developed, Medium Intensity
 Within SPA: Yes
 SPA PWS Facility ID: PA1150077_001
 SPA Water Type: SW - Surface Water
 SPA Facility Type: IN - Intake
 SPA HUC12: 020402031006
 Within WHPA: No
 WHPA PWS Facility ID: Not reported
 WHPA Water Type: Not reported
 WHPA Facility Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

1028652630

WHPA HUC12: Not reported
Facility Status: Closed UST(s)
Date of Last Inspection: Not reported
EPA Region: 3
Tribe: Not reported
Coordinate Source: Geocode
X Coord: -75.5291295
Y Coord: 40.1539950000001
Latitude: 40.153995
Longitude: -75.5291295

UST FINDER:

Object ID: 1598372
Facility ID: PA455163
Tank ID: PA620174 - 006
Tank Status: Closed
Installation Date: 1954/04/13 16:00:01+00
Removal Date: Not reported
Tank Capacity: 6000
Substances: Other
Tank Wall Type: Not reported

Object ID: 1598373
Facility ID: PA455163
Tank ID: PA620172 - 005
Tank Status: Closed
Installation Date: 1954/04/13 16:00:01+00
Removal Date: Not reported
Tank Capacity: 6000
Substances: Other
Tank Wall Type: Not reported

Object ID: 1598374
Facility ID: PA455163
Tank ID: PA620170 - 004
Tank Status: Closed
Installation Date: 1954/04/13 16:00:01+00
Removal Date: Not reported
Tank Capacity: 6000
Substances: Other
Tank Wall Type: Not reported

Object ID: 1598375
Facility ID: PA455163
Tank ID: PA620166 - 002
Tank Status: Closed
Installation Date: 1954/04/01 16:00:01+00
Removal Date: Not reported
Tank Capacity: 18000
Substances: Other
Tank Wall Type: Not reported

Object ID: 1598376
Facility ID: PA455163
Tank ID: PA620164 - 001
Tank Status: Closed
Installation Date: 1982/01/01 16:00:00+00
Removal Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CROMBY GEN STA (Continued)

1028652630

Tank Capacity: 15000
 Substances: Other
 Tank Wall Type: Not reported

UST FINDER RELEASE:

Object ID: 344423
 Facility ID: PA585739
 LUST ID: PA492
 Name: CROMBY GEN STA
 Address: 100 CROMBY RD
 City,State,Zip: PHOENIXVILLE, PA 19460
 Address Match Type: Not reported
 Reported Date: 1989/08/05 16:00:00+00
 Status: No Further Action
 Substance: HO
 Population within 1500ft: 40
 Domestic Wells within 1500ft: 9
 Land Use: Non-Developed
 Within SPA: Yes
 SPA PWS Facility ID: PA1150077_001
 SPA Water Type: SW - SurRELEASEe Water
 SPA Facility Type: IN - Intake
 SPA HUC12: 20402031006
 Within WHPA: Yes
 WHPA PWS Facility ID: PA1150639_001
 WHPA Water Type: GW - Ground water
 WHPA Facility Type: WL - Well
 WHPA HUC12: 020402031006
 Within 100yr Floodplain: No
 Tribe: Not reported
 EPA Region: 3
 NFA Letter 1: Not reported
 NFA Letter 2: Not reported
 NFA Letter 3: Not reported
 NFA Letter 4: Not reported
 Closed With Residual Contaminate: Not reported
 Coordinate Source: State
 X Coord: -75.53056
 Y Coord: 40.14806
 Latitude: 40.14806
 Longitude: -75.5305599999999

B6
NNE
1/4-1/2
0.395 mi.
2087 ft.
Site 2 of 2 in cluster B

Relative:
Lower

Actual:
97 ft.

LUST:
 Name: CROMBY GEN STA
 Address: 100 CROMBY RD
 City,State,Zip: PHOENIXVILLE, PA 19460
 Region: EP SE Rgnl Off Norristown
 Municipality: East Pikeland Twp

LUST **U002317671**
LAST **N/A**
ARCHIVE UST
ARCHIVE AST
SPILLS
AIRS
MANIFEST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

Facility Id: 585739
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 08/23/2000
Confirmed Date: 08/05/1989
Program Other Id: 15-02635
Client: CONSTELLATION ENERGY GENERATION LLC
Incident Id: 492
Incident Desc: PECO CROMBY STA
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: 40.148056
Longitude: -75.530556

LAST:

Name: CROMBY GEN STA
Address: 100 CROMBY RD
Address2: Not reported
City,State,Zip: PHOENIXVILLE, PA 19460
Facility Id: 585739
Facility Type: Aboveground Storage Tank
Facility Status: Cleanup Completed
Status Date: 01/09/2012
Confirmed Date: 12/21/2011
Hor Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.148056
Longitude: -75.530556
Region: EP SE Rgnl Off Norristown
Municipality: East Pikeland Twp
Program Other ID: 15-02635
Client ID: 147686
Client: CONSTELLATION ENERGY GENERATION LLC
Incident ID: 43306
Incident Desc: 15-02635 CROMBY GEN STA 008A
Suspect Date: Not reported
Status Code: 4
Source of Notification: OWNER
Release Discovered: VISOD
Source Cause of Release: TANK
Tank: Not reported
Comment: Not reported
Impact Code: CONTD
Impact Desc: Release Contained - No Environ. Impact
Substance Code: OTORG
Substance: Other Organics
CASRN: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

Chemical: Not reported

ARCHIVE UST:

Name: CROMBY GEN STA
Address: 100 CROMBY RD
City,State,Zip: PHOENIXVILLE, PA 19460
Facility Id: 15-02635
Site ID: 455163
Municipality: East Pikeland Twp
Client Date: Not reported
Owner Id: Not reported
Owner Name: EXELON GENERATION CO LLC
Owner Address: 300 EXELON WAY
Owner Address 2: Not reported
Owner City,St,Zip: KENNETT SQUARE, PA 19348-2473
Owner Phone: Not reported
Owner County Code: Not reported
Resp Party Name: CROMBY GEN STA
RP Address: 300 EXELON WAY
RP Address 2: Not reported
RP City,St,Zip: KENNETT SQUARE, PA 19348-2473
Region Code Name: Not reported
Regulated Expire Date: Not reported

Tank Sequence #: 001
Tank Id: 620164
Status: Closed Without a Permit
Status Code End Date: Not reported
Capacity: 15000
Substance: OTHER
Tank Substance End Date: Not reported
Install Date: 01/01/1982
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: 147686
Chemical Name: CONSTELLATION ENERGY GENERATION LLC
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: ROBERT M MATTY JR MGR
Company: Not reported

Tank Sequence #: 002
Tank Id: 620166
Status: Closed Without a Permit
Status Code End Date: Not reported
Capacity: 18000
Substance: OTHER
Tank Substance End Date: Not reported
Install Date: 04/01/1954
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: 147686

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

Chemical Name: CONSTELLATION ENERGY GENERATION LLC
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: ROBERT M MATTY JR MGR
Company: Not reported

Tank Sequence #: 003
Tank Id: 620168
Status: Exempt From State Law
Status Code End Date: Not reported
Capacity: 25000
Substance: HO
Tank Substance End Date: Not reported
Install Date: 02/08/1991
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: 147686
Chemical Name: CONSTELLATION ENERGY GENERATION LLC
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: ROBERT M MATTY JR MGR
Company: Not reported

Tank Sequence #: 004
Tank Id: 620170
Status: Permanently Closed in Place
Status Code End Date: Not reported
Capacity: 6000
Substance: OTHER
Tank Substance End Date: Not reported
Install Date: 04/13/1954
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: 147686
Chemical Name: CONSTELLATION ENERGY GENERATION LLC
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: ROBERT M MATTY JR MGR
Company: Not reported

Tank Sequence #: 005
Tank Id: 620172
Status: Permanently Closed in Place
Status Code End Date: Not reported
Capacity: 6000
Substance: OTHER
Tank Substance End Date: Not reported
Install Date: 04/13/1954
Tank Code: Not reported
Inspection Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: 147686
Chemical Name: CONSTELLATION ENERGY GENERATION LLC
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: ROBERT M MATTY JR MGR
Company: Not reported

Tank Sequence #: 006
Tank Id: 620174
Status: Permanently Closed in Place
Status Code End Date: Not reported
Capacity: 6000
Substance: OTHER
Tank Substance End Date: Not reported
Install Date: 04/13/1954
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: 147686
Chemical Name: CONSTELLATION ENERGY GENERATION LLC
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: ROBERT M MATTY JR MGR
Company: Not reported

ARCHIVE AST:

Name: CROMBY GEN STA
Address: 100 CROMBY RD
City,State,Zip: PHOENIXVILLE, PA 19460
Facility ID: 15-02635
Site ID: Not reported
Client ID: Not reported
Municipality: East Pikeland Twp
Region Name: Not reported
Owner ID: Not reported
Owner Name: EXELON GENERATION CO LLC
Owner Phone: Not reported
Owner Address: 300 EXELON WAY
Owner Address 2: Not reported
Owner City,St,Zip: KENNETT SQUARE, PA 19348-2473
Owner County Code: Not reported
Resp Party Name: CROMBY GEN STA
RP Address: 300 EXELON WAY
RP Address 2: Not reported
RP City,St,Zip: KENNETT SQUARE, PA 19348-2473
Regulated Exp Date: Not reported

Tank ID: 620165
Tank Sequence #: 001A
Install Date: 10/13/1970
Status: Not reported
Status Code End Date: Not reported
Capacity: 15000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

Substance: OTHER
Tank Substance End Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: 147686
Chemical Name: CONSTELLATION ENERGY GENERATION LLC
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: ROBERT M MATTY JR MGR
Company: Not reported

Tank ID: 620167
Tank Sequence #: 002A
Install Date: 04/13/1954
Status: Not reported
Status Code End Date: Not reported
Capacity: 2000000
Substance: HO
Tank Substance End Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: 147686
Chemical Name: CONSTELLATION ENERGY GENERATION LLC
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: ROBERT M MATTY JR MGR
Company: Not reported

Tank ID: 620169
Tank Sequence #: 003A
Install Date: 08/13/1982
Status: Not reported
Status Code End Date: Not reported
Capacity: 750
Substance: OTHER
Tank Substance End Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: 147686
Chemical Name: CONSTELLATION ENERGY GENERATION LLC
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: ROBERT M MATTY JR MGR
Company: Not reported

Tank ID: 620171
Tank Sequence #: 004A
Install Date: 08/13/1982

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

Status: Not reported
Status Code End Date: Not reported
Capacity: 750
Substance: OTHER
Tank Substance End Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: 147686
Chemical Name: CONSTELLATION ENERGY GENERATION LLC
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: ROBERT M MATTY JR MGR
Company: Not reported

Tank ID: 620173
Tank Sequence #: 005A
Install Date: 04/30/1993
Status: Not reported
Status Code End Date: Not reported
Capacity: 300
Substance: OTHER
Tank Substance End Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: 147686
Chemical Name: CONSTELLATION ENERGY GENERATION LLC
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: ROBERT M MATTY JR MGR
Company: Not reported

Tank ID: 620175
Tank Sequence #: 006A
Install Date: 01/13/1955
Status: Not reported
Status Code End Date: Not reported
Capacity: 4500
Substance: OTHER
Tank Substance End Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: 147686
Chemical Name: CONSTELLATION ENERGY GENERATION LLC
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: ROBERT M MATTY JR MGR
Company: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

Tank ID: 620176
Tank Sequence #: 007A
Install Date: 01/13/1954
Status: Not reported
Status Code End Date: Not reported
Capacity: 5410
Substance: OTHER
Tank Substance End Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: 147686
Chemical Name: CONSTELLATION ENERGY GENERATION LLC
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: ROBERT M MATTY JR MGR
Company: Not reported

Tank ID: 620177
Tank Sequence #: 008A
Install Date: 08/13/1982
Status: Not reported
Status Code End Date: Not reported
Capacity: 8000
Substance: HZSUB
Tank Substance End Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: 147686
Chemical Name: CONSTELLATION ENERGY GENERATION LLC
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: ROBERT M MATTY JR MGR
Company: Not reported

Tank ID: 620178
Tank Sequence #: 009A
Install Date: 08/13/1982
Status: Not reported
Status Code End Date: Not reported
Capacity: 8000
Substance: HZSUB
Tank Substance End Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: 147686
Chemical Name: CONSTELLATION ENERGY GENERATION LLC
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: ROBERT M MATTY JR MGR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

Company: Not reported

Tank ID: 620179
Tank Sequence #: 010A
Install Date: 04/13/1954
Status: Not reported
Status Code End Date: Not reported
Capacity: 15000
Substance: HZSUB
Tank Substance End Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: 147686
Chemical Name: CONSTELLATION ENERGY GENERATION LLC
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: ROBERT M MATTY JR MGR
Company: Not reported

Tank ID: 620180
Tank Sequence #: 011A
Install Date: 04/13/1954
Status: Not reported
Status Code End Date: Not reported
Capacity: 15000
Substance: HZSUB
Tank Substance End Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: 147686
Chemical Name: CONSTELLATION ENERGY GENERATION LLC
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: ROBERT M MATTY JR MGR
Company: Not reported

Tank ID: 620181
Tank Sequence #: 012A
Install Date: 12/13/1982
Status: Not reported
Status Code End Date: Not reported
Capacity: 25000
Substance: HZSUB
Tank Substance End Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: 147686
Chemical Name: CONSTELLATION ENERGY GENERATION LLC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: ROBERT M MATTY JR MGR
Company: Not reported

Tank ID: 620182
Tank Sequence #: 013A
Install Date: 01/01/1992
Status: Not reported
Status Code End Date: Not reported
Capacity: 20000
Substance: HO
Tank Substance End Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: 147686
Chemical Name: CONSTELLATION ENERGY GENERATION LLC
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: ROBERT M MATTY JR MGR
Company: Not reported

Tank ID: 620183
Tank Sequence #: 014A
Install Date: 01/01/1992
Status: Not reported
Status Code End Date: Not reported
Capacity: 20000
Substance: HO
Tank Substance End Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: 147686
Chemical Name: CONSTELLATION ENERGY GENERATION LLC
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: ROBERT M MATTY JR MGR
Company: Not reported

Tank ID: 620184
Tank Sequence #: 015A
Install Date: 01/30/1998
Status: Not reported
Status Code End Date: Not reported
Capacity: 10000
Substance: HZSUB
Tank Substance End Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

Substance Type: Not reported
CASRN for Hazardous Substances: 147686
Chemical Name: CONSTELLATION ENERGY GENERATION LLC
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: ROBERT M MATTY JR MGR
Company: Not reported

SPILLS:

Name: Not reported
Address: 100 CROMBY RD.
City,State,Zip: EAST PIKELAND TWP., PA 19460
Id No: 246615
Latitude: 40 8 54.2112
Longitude: -75 31 41.5272
Material Involved: Municipal/Residual Waste
Substance: Wastewater 500 Gal
Date Received: 10/29/2006
Municipality: East Pikeland Twp
Description: Ash Recirculation Tank Released Wastewater to Sewe
Complaint Type: Not reported
Responsible Party: Not reported

AIRS:

Name: EXELON GEN CO/CROMBY GEN STA
Address: 100 CROMBY RD
City,State,Zip: PHOENIXVILLE, PA 19460-1882
Address 2: Not reported
Primary Facility ID: 2859
Contact Name: Not reported
Contact Phone: Not reported
Contact Email: Not reported
Status: Inactive
Region: Not reported
Site ID: 455163
Client ID: 147686
Client Name: CONSTELLATION ENERGY GENERATION LLC
NAICS Code: 221112
Client Address: 300 EXELON WAY
Client Address 2: Not reported
Client City: KENNETT SQUARE
Client State: PA
Client Zip: 19348-2473
Client Type: NON-GOVERNMENT
NAICS Description: Fossil Fuel Electric Power Generation
Permit Number: Not reported
Municipality: East Pikeland 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: 40.152976
Longitude: -75.528934

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

EMI:
Facid: 2859
Facility Name: Not reported
Year: 2011
PM10: 89.2
PM25: Not reported
NOX: 493.1
SOX: 825.6
VOC: 1.8
CO: 25.6
County: Not reported
Municipality: Not reported
DEP Region: Not reported
Client ID: Not reported
Client Name: Not reported
NAICS Code: Not reported
NAICS Desc: Not reported
NAICS Category: Not reported
Permit Number: Not reported
Spud Date: Not reported
Facility Type: Not reported
Compression Station Type: Not reported
Source Type: Not reported
Pollutant: Not reported
Emission Amt(In Tons): Not reported
Latitude: 40.152976
Longitude: -75.528934

Facid: 2859
Facility Name: Not reported
Year: 2010
PM10: 121.1
PM25: Not reported
NOX: 1283.1
SOX: 2130.7
VOC: 7.3
CO: 71.7
County: Not reported
Municipality: Not reported
DEP Region: Not reported
Client ID: Not reported
Client Name: Not reported
NAICS Code: Not reported
NAICS Desc: Not reported
NAICS Category: Not reported
Permit Number: Not reported
Spud Date: Not reported
Facility Type: Not reported
Compression Station Type: Not reported
Source Type: Not reported
Pollutant: Not reported
Emission Amt(In Tons): Not reported
Latitude: 40.152976
Longitude: -75.528934

Facid: 2859
Facility Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

Year: 1996
PM10: 183.8
PM25: Not reported
NOX: 2196.7
SOX: 4236.4
VOC: 38.3
CO: 157.3
County: Not reported
Municipality: Not reported
DEP Region: Not reported
Client ID: Not reported
Client Name: Not reported
NAICS Code: Not reported
NAICS Desc: Not reported
NAICS Category: Not reported
Permit Number: Not reported
Spud Date: Not reported
Facility Type: Not reported
Compression Station Type: Not reported
Source Type: Not reported
Pollutant: Not reported
Emission Amt(In Tons): Not reported
Latitude: 40.152976
Longitude: -75.528934

Facid: 2859
Facility Name: Not reported
Year: 2014
PM10: Not reported
PM25: Not reported
NOX: Not reported
SOX: Not reported
VOC: Not reported
CO: Not reported
County: Not reported
Municipality: Not reported
DEP Region: Not reported
Client ID: Not reported
Client Name: Not reported
NAICS Code: Not reported
NAICS Desc: Not reported
NAICS Category: Not reported
Permit Number: Not reported
Spud Date: Not reported
Facility Type: Not reported
Compression Station Type: Not reported
Source Type: Not reported
Pollutant: Not reported
Emission Amt(In Tons): Not reported
Latitude: 40.152976
Longitude: -75.528934

Facid: 2859
Facility Name: Not reported
Year: 2006
PM10: 154.2
PM25: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

NOX: 1693.9
SOX: 3614.5
VOC: 1.3
CO: 82.9
County: Not reported
Municipality: Not reported
DEP Region: Not reported
Client ID: Not reported
Client Name: Not reported
NAICS Code: Not reported
NAICS Desc: Not reported
NAICS Category: Not reported
Permit Number: Not reported
Spud Date: Not reported
Facility Type: Not reported
Compression Station Type: Not reported
Source Type: Not reported
Pollutant: Not reported
Emission Amt(In Tons): Not reported
Latitude: 40.152976
Longitude: -75.528934

Facid: 2859
Facility Name: Not reported
Year: 2003
PM10: 210.9
PM25: Not reported
NOX: 1410.9
SOX: 3429.6
VOC: 2.9
CO: 121.8
County: Not reported
Municipality: Not reported
DEP Region: Not reported
Client ID: Not reported
Client Name: Not reported
NAICS Code: Not reported
NAICS Desc: Not reported
NAICS Category: Not reported
Permit Number: Not reported
Spud Date: Not reported
Facility Type: Not reported
Compression Station Type: Not reported
Source Type: Not reported
Pollutant: Not reported
Emission Amt(In Tons): Not reported
Latitude: 40.152976
Longitude: -75.528934

Facid: 2859
Facility Name: Not reported
Year: 1999
PM10: 162.2
PM25: Not reported
NOX: 1357.3
SOX: 3036.4
VOC: 25.5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

CO: 107.5
County: Not reported
Municipality: Not reported
DEP Region: Not reported
Client ID: Not reported
Client Name: Not reported
NAICS Code: Not reported
NAICS Desc: Not reported
NAICS Category: Not reported
Permit Number: Not reported
Spud Date: Not reported
Facility Type: Not reported
Compression Station Type: Not reported
Source Type: Not reported
Pollutant: Not reported
Emission Amt(In Tons): Not reported
Latitude: 40.152976
Longitude: -75.528934

Facid: 2859
Facility Name: Not reported
Year: 1998
PM10: 214.0
PM25: Not reported
NOX: 2265.9
SOX: 4483.8
VOC: 34.8
CO: 152.1
County: Not reported
Municipality: Not reported
DEP Region: Not reported
Client ID: Not reported
Client Name: Not reported
NAICS Code: Not reported
NAICS Desc: Not reported
NAICS Category: Not reported
Permit Number: Not reported
Spud Date: Not reported
Facility Type: Not reported
Compression Station Type: Not reported
Source Type: Not reported
Pollutant: Not reported
Emission Amt(In Tons): Not reported
Latitude: 40.152976
Longitude: -75.528934

Facid: 2859
Facility Name: Not reported
Year: 1992
PM10: 21.4
PM25: Not reported
NOX: 2243.1
SOX: 2637.1
VOC: 10.8
CO: 118.6
County: Not reported
Municipality: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

DEP Region: Not reported
Client ID: Not reported
Client Name: Not reported
NAICS Code: Not reported
NAICS Desc: Not reported
NAICS Category: Not reported
Permit Number: Not reported
Spud Date: Not reported
Facility Type: Not reported
Compression Station Type: Not reported
Source Type: Not reported
Pollutant: Not reported
Emission Amt(In Tons): Not reported
Latitude: 40.152976
Longitude: -75.528934

Facid: 2859
Facility Name: Not reported
Year: 2013
PM10: .0
PM25: Not reported
NOX: .0
SOX: .0
VOC: .0
CO: .0
County: Not reported
Municipality: Not reported
DEP Region: Not reported
Client ID: Not reported
Client Name: Not reported
NAICS Code: Not reported
NAICS Desc: Not reported
NAICS Category: Not reported
Permit Number: Not reported
Spud Date: Not reported
Facility Type: Not reported
Compression Station Type: Not reported
Source Type: Not reported
Pollutant: Not reported
Emission Amt(In Tons): Not reported
Latitude: 40.152976
Longitude: -75.528934

Facid: 2859
Facility Name: Not reported
Year: 2009
PM10: 137.8
PM25: Not reported
NOX: 1185.7
SOX: 2333.3
VOC: 3.6
CO: 68.2
County: Not reported
Municipality: Not reported
DEP Region: Not reported
Client ID: Not reported
Client Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

NAICS Code: Not reported
NAICS Desc: Not reported
NAICS Category: Not reported
Permit Number: Not reported
Spud Date: Not reported
Facility Type: Not reported
Compression Station Type: Not reported
Source Type: Not reported
Pollutant: Not reported
Emission Amt(In Tons): Not reported
Latitude: 40.152976
Longitude: -75.528934

Facid: 2859
Facility Name: Not reported
Year: 2000
PM10: 186.6
PM25: Not reported
NOX: 1768.7
SOX: 3883.9
VOC: 30.4
CO: 125.9
County: Not reported
Municipality: Not reported
DEP Region: Not reported
Client ID: Not reported
Client Name: Not reported
NAICS Code: Not reported
NAICS Desc: Not reported
NAICS Category: Not reported
Permit Number: Not reported
Spud Date: Not reported
Facility Type: Not reported
Compression Station Type: Not reported
Source Type: Not reported
Pollutant: Not reported
Emission Amt(In Tons): Not reported
Latitude: 40.152976
Longitude: -75.528934

Facid: 2859
Facility Name: Not reported
Year: 1997
PM10: 175.2
PM25: Not reported
NOX: 2428.4
SOX: 4487.6
VOC: 32.5
CO: 125.9
County: Not reported
Municipality: Not reported
DEP Region: Not reported
Client ID: Not reported
Client Name: Not reported
NAICS Code: Not reported
NAICS Desc: Not reported
NAICS Category: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

Permit Number: Not reported
Spud Date: Not reported
Facility Type: Not reported
Compression Station Type: Not reported
Source Type: Not reported
Pollutant: Not reported
Emission Amt(In Tons): Not reported
Latitude: 40.152976
Longitude: -75.528934

Facid: 2859
Facility Name: Not reported
Year: 1995
PM10: 192.6
PM25: Not reported
NOX: 2644.5
SOX: 4214.6
VOC: 31.5
CO: 104.3
County: Not reported
Municipality: Not reported
DEP Region: Not reported
Client ID: Not reported
Client Name: Not reported
NAICS Code: Not reported
NAICS Desc: Not reported
NAICS Category: Not reported
Permit Number: Not reported
Spud Date: Not reported
Facility Type: Not reported
Compression Station Type: Not reported
Source Type: Not reported
Pollutant: Not reported
Emission Amt(In Tons): Not reported
Latitude: 40.152976
Longitude: -75.528934

Facid: 2859
Facility Name: Not reported
Year: 1994
PM10: 18.8
PM25: Not reported
NOX: 2325.8
SOX: 1413.0
VOC: 11.9
CO: 147.0
County: Not reported
Municipality: Not reported
DEP Region: Not reported
Client ID: Not reported
Client Name: Not reported
NAICS Code: Not reported
NAICS Desc: Not reported
NAICS Category: Not reported
Permit Number: Not reported
Spud Date: Not reported
Facility Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

Compression Station Type: Not reported
Source Type: Not reported
Pollutant: Not reported
Emission Amt(In Tons): Not reported
Latitude: 40.152976
Longitude: -75.528934

Facid: 2859
Facility Name: Not reported
Year: 1993
PM10: 14.1
PM25: Not reported
NOX: 1619.1
SOX: 2019.3
VOC: 12.7
CO: 95.6
County: Not reported
Municipality: Not reported
DEP Region: Not reported
Client ID: Not reported
Client Name: Not reported
NAICS Code: Not reported
NAICS Desc: Not reported
NAICS Category: Not reported
Permit Number: Not reported
Spud Date: Not reported
Facility Type: Not reported
Compression Station Type: Not reported
Source Type: Not reported
Pollutant: Not reported
Emission Amt(In Tons): Not reported
Latitude: 40.152976
Longitude: -75.528934

Facid: 2859
Facility Name: Not reported
Year: 2008
PM10: 145.2
PM25: Not reported
NOX: 1898.8
SOX: 3375.9
VOC: 2.5
CO: 84.0
County: Not reported
Municipality: Not reported
DEP Region: Not reported
Client ID: Not reported
Client Name: Not reported
NAICS Code: Not reported
NAICS Desc: Not reported
NAICS Category: Not reported
Permit Number: Not reported
Spud Date: Not reported
Facility Type: Not reported
Compression Station Type: Not reported
Source Type: Not reported
Pollutant: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

Emission Amt(In Tons): Not reported
Latitude: 40.152976
Longitude: -75.528934

Facid: 2859
Facility Name: Not reported
Year: 2005
PM10: 227.8
PM25: Not reported
NOX: 2106.7
SOX: 4990.3
VOC: 3.1
CO: 144.4
County: Not reported
Municipality: Not reported
DEP Region: Not reported
Client ID: Not reported
Client Name: Not reported
NAICS Code: Not reported
NAICS Desc: Not reported
NAICS Category: Not reported
Permit Number: Not reported
Spud Date: Not reported
Facility Type: Not reported
Compression Station Type: Not reported
Source Type: Not reported
Pollutant: Not reported
Emission Amt(In Tons): Not reported
Latitude: 40.152976
Longitude: -75.528934

Facid: 2859
Facility Name: Not reported
Year: 2012
PM10: 3.2
PM25: Not reported
NOX: 3.8
SOX: 3.2
VOC: .0
CO: .9
County: Not reported
Municipality: Not reported
DEP Region: Not reported
Client ID: Not reported
Client Name: Not reported
NAICS Code: Not reported
NAICS Desc: Not reported
NAICS Category: Not reported
Permit Number: Not reported
Spud Date: Not reported
Facility Type: Not reported
Compression Station Type: Not reported
Source Type: Not reported
Pollutant: Not reported
Emission Amt(In Tons): Not reported
Latitude: 40.152976
Longitude: -75.528934

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

Facid: 2859
Facility Name: Not reported
Year: 2007
PM10: 170.3
PM25: Not reported
NOX: 1976.0
SOX: 3448.4
VOC: 5.0
CO: 104.3
County: Not reported
Municipality: Not reported
DEP Region: Not reported
Client ID: Not reported
Client Name: Not reported
NAICS Code: Not reported
NAICS Desc: Not reported
NAICS Category: Not reported
Permit Number: Not reported
Spud Date: Not reported
Facility Type: Not reported
Compression Station Type: Not reported
Source Type: Not reported
Pollutant: Not reported
Emission Amt(In Tons): Not reported
Latitude: 40.152976
Longitude: -75.528934

Facid: 2859
Facility Name: Not reported
Year: 1991
PM10: 10.5
PM25: Not reported
NOX: 1391.1
SOX: 2212.4
VOC: 11.0
CO: 85.7
County: Not reported
Municipality: Not reported
DEP Region: Not reported
Client ID: Not reported
Client Name: Not reported
NAICS Code: Not reported
NAICS Desc: Not reported
NAICS Category: Not reported
Permit Number: Not reported
Spud Date: Not reported
Facility Type: Not reported
Compression Station Type: Not reported
Source Type: Not reported
Pollutant: Not reported
Emission Amt(In Tons): Not reported
Latitude: 40.152976
Longitude: -75.528934

Facid: 2859
Facility Name: Not reported
Year: 2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

PM10:	Not reported
PM25:	Not reported
NOX:	Not reported
SOX:	Not reported
VOC:	Not reported
CO:	Not reported
County:	Not reported
Municipality:	Not reported
DEP Region:	Not reported
Client ID:	Not reported
Client Name:	Not reported
NAICS Code:	Not reported
NAICS Desc:	Not reported
NAICS Category:	Not reported
Permit Number:	Not reported
Spud Date:	Not reported
Facility Type:	Not reported
Compression Station Type:	Not reported
Source Type:	Not reported
Pollutant:	Not reported
Emission Amt(In Tons):	Not reported
Latitude:	40.152976
Longitude:	-75.528934
Facid:	2859
Facility Name:	Not reported
Year:	2016
PM10:	Not reported
PM25:	Not reported
NOX:	Not reported
SOX:	Not reported
VOC:	Not reported
CO:	Not reported
County:	Not reported
Municipality:	Not reported
DEP Region:	Not reported
Client ID:	Not reported
Client Name:	Not reported
NAICS Code:	Not reported
NAICS Desc:	Not reported
NAICS Category:	Not reported
Permit Number:	Not reported
Spud Date:	Not reported
Facility Type:	Not reported
Compression Station Type:	Not reported
Source Type:	Not reported
Pollutant:	Not reported
Emission Amt(In Tons):	Not reported
Latitude:	40.152976
Longitude:	-75.528934
Facid:	2859
Facility Name:	Not reported
Year:	2004
PM10:	187.8
PM25:	Not reported
NOX:	1608.4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

SOX:	5199.5
VOC:	2.7
CO:	128.2
County:	Not reported
Municipality:	Not reported
DEP Region:	Not reported
Client ID:	Not reported
Client Name:	Not reported
NAICS Code:	Not reported
NAICS Desc:	Not reported
NAICS Category:	Not reported
Permit Number:	Not reported
Spud Date:	Not reported
Facility Type:	Not reported
Compression Station Type:	Not reported
Source Type:	Not reported
Pollutant:	Not reported
Emission Amt(In Tons):	Not reported
Latitude:	40.152976
Longitude:	-75.528934
Facid:	2859
Facility Name:	Not reported
Year:	2002
PM10:	201.5
PM25:	Not reported
NOX:	1132.7
SOX:	2354.2
VOC:	7.7
CO:	90.0
County:	Not reported
Municipality:	Not reported
DEP Region:	Not reported
Client ID:	Not reported
Client Name:	Not reported
NAICS Code:	Not reported
NAICS Desc:	Not reported
NAICS Category:	Not reported
Permit Number:	Not reported
Spud Date:	Not reported
Facility Type:	Not reported
Compression Station Type:	Not reported
Source Type:	Not reported
Pollutant:	Not reported
Emission Amt(In Tons):	Not reported
Latitude:	40.152976
Longitude:	-75.528934
Facid:	2859
Facility Name:	Not reported
Year:	1990
PM10:	12.1
PM25:	Not reported
NOX:	1257.7
SOX:	2122.0
VOC:	10.2
CO:	76.1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

County:	Not reported
Municipality:	Not reported
DEP Region:	Not reported
Client ID:	Not reported
Client Name:	Not reported
NAICS Code:	Not reported
NAICS Desc:	Not reported
NAICS Category:	Not reported
Permit Number:	Not reported
Spud Date:	Not reported
Facility Type:	Not reported
Compression Station Type:	Not reported
Source Type:	Not reported
Pollutant:	Not reported
Emission Amt(In Tons):	Not reported
Latitude:	40.152976
Longitude:	-75.528934
Facid:	2859
Facility Name:	Not reported
Year:	2015
PM10:	Not reported
PM25:	Not reported
NOX:	Not reported
SOX:	Not reported
VOC:	Not reported
CO:	Not reported
County:	Not reported
Municipality:	Not reported
DEP Region:	Not reported
Client ID:	Not reported
Client Name:	Not reported
NAICS Code:	Not reported
NAICS Desc:	Not reported
NAICS Category:	Not reported
Permit Number:	Not reported
Spud Date:	Not reported
Facility Type:	Not reported
Compression Station Type:	Not reported
Source Type:	Not reported
Pollutant:	Not reported
Emission Amt(In Tons):	Not reported
Latitude:	40.152976
Longitude:	-75.528934
Facid:	2859
Facility Name:	Not reported
Year:	2001
PM10:	214.0
PM25:	Not reported
NOX:	1943.5
SOX:	4215.6
VOC:	36.1
CO:	153.0
County:	Not reported
Municipality:	Not reported
DEP Region:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

Client ID: Not reported
Client Name: Not reported
NAICS Code: Not reported
NAICS Desc: Not reported
NAICS Category: Not reported
Permit Number: Not reported
Spud Date: Not reported
Facility Type: Not reported
Compression Station Type: Not reported
Source Type: Not reported
Pollutant: Not reported
Emission Amt(In Tons): Not reported
Latitude: 40.152976
Longitude: -75.528934

PA MANIFEST:

Year: 2012
Manifest Number: 006881051JJK
Manifest Type: TSD Copy
Generator EPA Id: PAD000796276
Generator Date: 04/16/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 610-983-4708
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: 3
Waste Number: D009
Container Number: 2
Container Type: Metal drums, barrels, kegs
Waste Quantity: 460
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: NJD002200046
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 006881004JJK
Manifest Type: TSD Copy
Generator EPA Id: PAD000796276
Generator Date: 02/17/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 610-983-4708
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D002
Container Number: 1
Container Type: Cargo tanks (tank trucks)
Waste Quantity: 1058
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: PAD067098822
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 006881051JJK
Manifest Type: TSD Copy
Generator EPA Id: PAD000796276
Generator Date: 04/16/2012
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: 610-983-4708
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: 3
Waste Number: U151
Container Number: 2
Container Type: Metal drums, barrels, kegs
Waste Quantity: 460
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: NJD002200046
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 007022434JJK
Manifest Type: TSD Copy
Generator EPA Id: PAD000796276
Generator Date: 01/20/2012
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: 610-983-4708
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

Page Number: 1
Line Number: 2
Waste Number: D008
Container Number: 8
Container Type: Metal drums, barrels, kegs
Waste Quantity: 4000
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: NJD002200046
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 007022340JJK
Manifest Type: TSD Copy
Generator EPA Id: PAD000796276
Generator Date: 06/13/2012
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: 610-983-4708
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: 2
Waste Number: D001
Container Number: 3
Container Type: Metal drums, barrels, kegs
Waste Quantity: 450
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: NJD002200046
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 007022120JJK
Manifest Type: TSD Copy
Generator EPA Id: PAD000796276
Generator Date: 09/12/2012
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: 610-983-4708
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: D002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

Container Number: 1
Container Type: Metal boxes, cartons, cases (including roll-offs)
Waste Quantity: 4
Unit: Tons (2000 Pounds)
Handling Code: Not reported
TSP EPA Id: NJD002200046
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 007022434JJK
Manifest Type: TSD Copy
Generator EPA Id: PAD000796276
Generator Date: 01/20/2012
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: 610-983-4708
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: 4
Waste Number: NONE
Container Number: 7
Container Type: Metal drums, barrels, kegs
Waste Quantity: 1200
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: NJD002200046
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 006881005JJK
Manifest Type: TSD Copy
Generator EPA Id: PAD000796276
Generator Date: 03/05/2012
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: 610-983-4708
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: D002
Container Number: 1
Container Type: Cargo tanks (tank trucks)
Waste Quantity: 2518

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROMBY GEN STA (Continued)

U002317671

Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: NJD002200046
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 007022121JJK
Manifest Type: TSD Copy
Generator EPA Id: PAD000796276
Generator Date: 09/10/2012
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: 610-983-4708
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: CLEAN VENTURE INC
TSD Facility Address: 201 SOUTH FIRST STREET
TSD Facility City: ELIZABETH
TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D002
Container Number: 1
Container Type: Cargo tanks (tank trucks)
Waste Quantity: 2263
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: NJ0000027193
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 006881051JJK
Manifest Type: TSD Copy
Generator EPA Id: PAD000796276
Generator Date: 04/16/2012
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: 610-983-4708
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: 2
Waste Number: D001
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 55
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: NJD002200046

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CROMBY GEN STA (Continued)

U002317671

Date TSP Sig: Not reported

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

7
WNW
1/4-1/2
0.489 mi.
2583 ft.

RENNINGER FARM 1

SWF/LF S129359996
N/A

, PA

Relative:
Higher

MUN WASTE OPER:

Actual:
251 ft.

Site ID: 455387
 Name: RENNINGER FARM 1
 Address: Not reported
 Address 2: Not reported
 City,State,Zip: PA
 Latitude: 4887157.067599997
 Longitude: -8409259.867
 Status: INACTIVE
 Client ID: 90834
 Organization Name: Unavailable
 Operator Name: REIFSNEIDER HENRY
 Primary Facility Name: REIFSNEIDER-RENNINGER FARM #1
 Primary Facility ID: 483367
 Sub Facility Name: REIFSNEIDER-RENNINGER FARM #1
 Sub Facility ID: 355525
 Primary Facility Type: MUNICIPAL WASTE OPERATION
 Primary Facility Kind: Unavailable
 Other Facility ID: 601849
 Sub Facility Type: LAND APPLICATION
 Internal Feature Number: 601849
 Client Relationship: Owner
 Primary Facility Status: INACTIVE
 Sub Facility Status: INACTIVE
 Compliance: YES
 Acres: Not reported
 Average Volume: Not reported
 Max Volume: Not reported
 Closed Date: Not reported
 Description: Not reported

8
SW
1/2-1
0.694 mi.
3666 ft.

SCM SPECIALTY COATING DIV
RTE 23 @ FRENCH CREEK
PHOENIXVILLE, PA 19460

SEMS-ARCHIVE 1000132106
CORRACTS PAD047331095
RCRA NonGen / NLR

Relative:
Lower

SEMS Archive:

Actual:
103 ft.

Site ID: 0300958
 EPA ID: PAD047331095
 Name: SCM SPECIALTY COATING DIV
 Address: RTE 23 @ FRENCH CREEK
 Address 2: Not reported
 City,State,Zip: PHOENIXVILLE, PA 19460
 Cong District: 05

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCM SPECIALTY COATING DIV (Continued)

1000132106

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: 0300958
EPA ID: PAD047331095
Site Name: SCM SPECIALTY COATING DIV
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1986-04-10 05:00:00
Finish Date: 1986-07-24 04:00:00
Qual: N
Current Action Lead: EPA Perf

Region: 03
Site ID: 0300958
EPA ID: PAD047331095
Site Name: SCM SPECIALTY COATING DIV
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1985-03-01 06:00:00
Finish Date: 1985-03-01 06:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 03
Site ID: 0300958
EPA ID: PAD047331095
Site Name: SCM SPECIALTY COATING DIV
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1986-07-24 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

CORRACTS:

Name: S C M ALLIED COATED PRODUCTS
Address: ROUTE 23 @ FRENCH CREEK
Address 2: Not reported
EPA ID: PAD047331095

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCM SPECIALTY COATING DIV (Continued)

1000132106

Area Name: ENTIRE FACILITY
Corrective Action: CA PRIORITIZATION-LOW CA PRIORITY
Actual Date: 19911201
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

RCRA Listings:

Date Form Received by Agency: 19970513
Handler Name: S C M Allied Coated Products
Handler Address: Route 23 @ French Creek
Handler City,State,Zip: PHOENIXVILLE, PA 19460
EPA ID: PAD047331095
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: Not reported
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: PO BOX 350
Mailing City,State,Zip: PHOENIXVILLE, PA 19460
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: N
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

Map ID
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Elevation

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Database(s)

EDR ID Number
EPA ID Number

SCM SPECIALTY COATING DIV (Continued)

1000132106

Non-TSDFs Where RCRA CA has Been Imposed Universe: No
Corrective Action Priority Ranking: Low
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: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: U112
Waste Description: Acetic Acid, Ethyl Ester (I) (Or) Ethyl Acetate (I)

Waste Code: U154
Waste Description: Methanol (I) (Or) Methyl Alcohol (I)

Waste Code: U159
Waste Description: 2-Butanone (I,T) (Or) Methyl Ethyl Ketone (Mek) (I,T)

Waste Code: U220
Waste Description: Benzene, Methyl- (Or) Toluene

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: SCM ALLIED COATED PRODUCTS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: P.O. BOX 350
Owner/Operator City,State,Zip: PHOENIXVILLE, PA 19460
Owner/Operator Telephone: 215-933-1161
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: S C M ALLIED COATED PRODUCTS
Legal Status: Private

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Database(s)

EDR ID Number
EPA ID Number

SCM SPECIALTY COATING DIV (Continued)

1000132106

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: P.O. BOX 350
Owner/Operator City,State,Zip: PHOENIXVILLE, PA 19460
Owner/Operator Telephone: 215-933-1161
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19801118
Handler Name: S C M ALLIED COATED PRODUCTS
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: 19790101
Handler Name: S C M ALLIED COATED PRODUCTS
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: 19970513
Handler Name: S C M ALLIED COATED PRODUCTS
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: 19800818
Handler Name: S C M ALLIED COATED PRODUCTS
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

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 EPA ID Number

SCM SPECIALTY COATING DIV (Continued)

1000132106

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
 Enforcement Identifier: Not reported

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EDR ID Number
EPA ID Number

SCM SPECIALTY COATING DIV (Continued)

1000132106

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
SEP Scheduled Completion Date:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

SCM SPECIALTY COATING DIV (Continued)

1000132106

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:	19911016
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	PVP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCM SPECIALTY COATING DIV (Continued)

1000132106

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

Evaluation Date: 19950119
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: TRS
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: 19910930
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
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: 19970513
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: TRS
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

Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PHOENIXVILLE	S116710152	PHOENIXVILLE WTP	WATER ST OFF CROMBY RD	19460	LAST, ARCHIVE AST
ROYERSFORD	1003866834	LIMERICK-ROYERSFORD AMUSEMENT	422 & TOWNSHIP LINE ROAD	19468	SEMS-ARCHIVE

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: 05/22/2024	Source: EPA
Date Data Arrived at EDR: 06/03/2024	Telephone: N/A
Date Made Active in Reports: 06/26/2024	Last EDR Contact: 07/02/2024
Number of Days to Update: 23	Next Scheduled EDR Contact: 10/07/2024
	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: 05/22/2024	Source: EPA
Date Data Arrived at EDR: 06/03/2024	Telephone: N/A
Date Made Active in Reports: 06/26/2024	Last EDR Contact: 07/01/2024
Number of Days to Update: 23	Next Scheduled EDR Contact: 10/07/2024
	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: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/07/2024
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: 03/25/2024
Date Data Arrived at EDR: 03/26/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/25/2024
Next Scheduled EDR Contact: 10/07/2024
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: 04/22/2024
Date Data Arrived at EDR: 05/01/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/21/2024
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: 04/22/2024	Source: EPA
Date Data Arrived at EDR: 05/01/2024	Telephone: 800-424-9346
Date Made Active in Reports: 05/24/2024	Last EDR Contact: 07/01/2024
Number of Days to Update: 23	Next Scheduled EDR Contact: 10/21/2024
	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: 06/03/2024	Source: EPA
Date Data Arrived at EDR: 06/07/2024	Telephone: 800-424-9346
Date Made Active in Reports: 06/20/2024	Last EDR Contact: 06/07/2024
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/30/2024
	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: 06/03/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/07/2024	Telephone: 800-438-2474
Date Made Active in Reports: 06/20/2024	Last EDR Contact: 06/07/2024
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/30/2024
	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: 06/03/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/07/2024	Telephone: 800-438-2474
Date Made Active in Reports: 06/20/2024	Last EDR Contact: 06/07/2024
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/30/2024
	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: 06/03/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/07/2024	Telephone: 800-438-2474
Date Made Active in Reports: 06/20/2024	Last EDR Contact: 06/07/2024
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/30/2024
	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: 06/03/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/07/2024	Telephone: 800-438-2474
Date Made Active in Reports: 06/20/2024	Last EDR Contact: 06/07/2024
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/30/2024
	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: 02/14/2024	Source: Department of the Navy
Date Data Arrived at EDR: 02/16/2024	Telephone: 843-820-7326
Date Made Active in Reports: 04/04/2024	Last EDR Contact: 05/17/2024
Number of Days to Update: 48	Next Scheduled EDR Contact: 08/19/2024
	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: 02/13/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/21/2024	Telephone: 703-603-0695
Date Made Active in Reports: 04/04/2024	Last EDR Contact: 05/21/2024
Number of Days to Update: 43	Next Scheduled EDR Contact: 09/02/2024
	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: 02/13/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/21/2024	Telephone: 703-603-0695
Date Made Active in Reports: 04/04/2024	Last EDR Contact: 05/21/2024
Number of Days to Update: 43	Next Scheduled EDR Contact: 09/02/2024
	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: 03/13/2024

Date Data Arrived at EDR: 03/19/2024

Date Made Active in Reports: 06/17/2024

Number of Days to Update: 90

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 06/17/2024

Next Scheduled EDR Contact: 09/30/2024

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: 04/09/2024

Date Data Arrived at EDR: 04/10/2024

Date Made Active in Reports: 07/09/2024

Number of Days to Update: 90

Source: Department Environmental Protection

Telephone: 717-783-7816

Last EDR Contact: 07/10/2024

Next Scheduled EDR Contact: 10/21/2024

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: 07/09/2024

Next Scheduled EDR Contact: 10/21/2024

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: 01/05/2024

Date Data Arrived at EDR: 02/14/2024

Date Made Active in Reports: 05/07/2024

Number of Days to Update: 83

Source: Department of Environmental Protection

Telephone: 717-787-7381

Last EDR Contact: 05/15/2024

Next Scheduled EDR Contact: 08/26/2024

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: 02/13/2024

Date Data Arrived at EDR: 02/15/2024

Date Made Active in Reports: 05/07/2024

Number of Days to Update: 82

Source: Department of Environmental Protection

Telephone: 717-787-7564

Last EDR Contact: 05/14/2024

Next Scheduled EDR Contact: 08/26/2024

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: 01/05/2024
Date Data Arrived at EDR: 02/14/2024
Date Made Active in Reports: 05/07/2024
Number of Days to Update: 83

Source: Department of Environmental Protection
Telephone: 717-787-7381
Last EDR Contact: 05/15/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

LAST: Storage Tank Release Sites

Leaking Aboveground Storage Tank Incident Reports.

Date of Government Version: 03/01/2024
Date Data Arrived at EDR: 03/01/2024
Date Made Active in Reports: 03/11/2024
Number of Days to Update: 10

Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 06/05/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Quarterly

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: 03/01/2024
Date Data Arrived at EDR: 03/01/2024
Date Made Active in Reports: 03/11/2024
Number of Days to Update: 10

Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 06/05/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
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: 10/04/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
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: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/25/2023	Source: EPA Region 1
Date Data Arrived at EDR: 01/17/2024	Telephone: 617-918-1313
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 07/10/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/28/2024
	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: 10/25/2023	Source: EPA Region 6
Date Data Arrived at EDR: 01/17/2024	Telephone: 214-665-6597
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 07/10/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/28/2024
	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: 10/25/2023	Source: EPA Region 8
Date Data Arrived at EDR: 01/17/2024	Telephone: 303-312-6271
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 07/10/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/28/2024
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/25/2023	Source: EPA Region 7
Date Data Arrived at EDR: 01/17/2024	Telephone: 913-551-7003
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 07/10/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/28/2024
	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: 10/25/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/17/2024	Telephone: 415-972-3372
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 07/10/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/28/2024
	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: 03/15/2024	Source: FEMA
Date Data Arrived at EDR: 03/19/2024	Telephone: 202-646-5797
Date Made Active in Reports: 06/17/2024	Last EDR Contact: 06/26/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 10/14/2024
	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: 03/01/2024	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/06/2024	Telephone: 717-772-5599
Date Made Active in Reports: 05/30/2024	Last EDR Contact: 06/05/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/16/2024
	Data Release Frequency: Varies

AST: Listing of Pennsylvania Regulated Aboveground Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 03/01/2024	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/06/2024	Telephone: 717-772-5599
Date Made Active in Reports: 05/30/2024	Last EDR Contact: 06/05/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/16/2024
	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: 10/24/2023	Source: EPA, Region 1
Date Data Arrived at EDR: 01/17/2024	Telephone: 617-918-1313
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 07/10/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/28/2024
	Data Release Frequency: Varies

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: 10/24/2023	Source: EPA Region 7
Date Data Arrived at EDR: 01/17/2024	Telephone: 913-551-7003
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 07/10/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/28/2024
	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: 10/24/2023	Source: EPA Region 8
Date Data Arrived at EDR: 01/17/2024	Telephone: 303-312-6137
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 07/10/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/28/2024
	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: 10/24/2023	Source: EPA Region 9
Date Data Arrived at EDR: 01/17/2024	Telephone: 415-972-3368
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 07/10/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/28/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/24/2023	Source: EPA Region 4
Date Data Arrived at EDR: 01/17/2024	Telephone: 404-562-9424
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 07/10/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/28/2024
	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: 10/24/2023	Source: EPA Region 10
Date Data Arrived at EDR: 01/17/2024	Telephone: 206-553-2857
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 07/10/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/28/2024
	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: 10/24/2023	Source: EPA Region 6
Date Data Arrived at EDR: 01/17/2024	Telephone: 214-665-7591
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 07/10/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/28/2024
	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: 10/17/2023	Source: EPA Region 5
Date Data Arrived at EDR: 01/17/2024	Telephone: 312-886-6136
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 07/10/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/28/2024
	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: 07/08/2024
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/21/2024
	Data Release Frequency: No Update Planned

AUL: Environmental Covenants Listing

A listing of sites with environmental covenants.

Date of Government Version: 04/09/2024	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/10/2024	Telephone: 717-783-7509
Date Made Active in Reports: 07/09/2024	Last EDR Contact: 07/10/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 10/21/2024
	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: 07/08/2024
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/21/2024
	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: 06/14/2024
Number of Days to Update: 142	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	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: 04/02/2024	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/04/2024	Telephone: 717-783-2388
Date Made Active in Reports: 06/28/2024	Last EDR Contact: 07/02/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 10/14/2024
	Data Release Frequency: Quarterly

LAND REC CLEANUP: Land Recycling Cleanup Location Listing

Land Recycling Cleanup Locations (LRCL) are divided into one or more sub-facilities categorized as media: Air, Contained Release or Abandoned Container, Groundwater, Sediment, Soil, Surface Water, and Waste. Media is the environmental resource that is associated with the cleanup effort. The following primary facility kinds describe the Acts from which cleanup locations are derived: Act2 Land Recycling and Environmental Remediation Standards; CERCLA Comprehensive Environmental Response, Compensation, and Liability Act, also known as the Superfund; HSCA Hazardous Sites Cleanup Act; STSP Storage Tank Spill and Prevention Act.

Date of Government Version: 01/05/2024	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/22/2024	Telephone: 717-783-1566
Date Made Active in Reports: 03/14/2024	Last EDR Contact: 05/22/2024
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/02/2024
	Data Release Frequency: Varies

Lists of state and tribal brownfield sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/09/2024
Date Data Arrived at EDR: 04/10/2024
Date Made Active in Reports: 07/09/2024
Number of Days to Update: 90

Source: Department of Environmental Protection
Telephone: 717-783-1566
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/11/2024
Date Data Arrived at EDR: 03/12/2024
Date Made Active in Reports: 05/10/2024
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/11/2024
Next Scheduled EDR Contact: 09/23/2024
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 ALI 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
Date Data Arrived at EDR: 04/07/2022
Date Made Active in Reports: 07/06/2022
Number of Days to Update: 90

Source: Department of Environmental Protection
Telephone: 717-787-7564
Last EDR Contact: 03/23/2022
Next Scheduled EDR Contact: 07/18/2022
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
Date Data Arrived at EDR: 07/12/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 30

Source: Department of Environmental Protection
Telephone: 717-787-7381
Last EDR Contact: 09/19/2005
Next Scheduled EDR Contact: 12/19/2005
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/20/1994
Date Data Arrived at EDR: 07/12/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 30

Source: Department of Environmental Protection
Telephone: 717-787-7381
Last EDR Contact: 06/21/2005
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
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/22/2024
Next Scheduled EDR Contact: 08/05/2024
Data Release Frequency: Varies

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: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
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: 07/18/2024
Next Scheduled EDR Contact: 11/04/2024
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: 12/31/2023
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/21/2024
Next Scheduled EDR Contact: 09/02/2024
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/21/2024
Next Scheduled EDR Contact: 09/02/2024
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.

Date of Government Version: 03/01/2024
Date Data Arrived at EDR: 03/06/2024
Date Made Active in Reports: 05/30/2024
Number of Days to Update: 85

Source: Department of Environmental Protection
Telephone: 717-772-5599
Last EDR Contact: 06/05/2024
Next Scheduled EDR Contact: 09/16/2024
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: 03/01/2024
Date Data Arrived at EDR: 03/06/2024
Date Made Active in Reports: 05/30/2024
Number of Days to Update: 85

Source: Department of Environmental Protection
Telephone: 717-772-5599
Last EDR Contact: 06/05/2024
Next Scheduled EDR Contact: 09/16/2024
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: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/07/2024
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/14/2024	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 06/17/2024	Telephone: 202-366-4555
Date Made Active in Reports: 06/24/2024	Last EDR Contact: 06/17/2024
Number of Days to Update: 7	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Quarterly

SPILLS: State spills

A listing of hazardous material incidents.

Date of Government Version: 01/10/2024	Source: DEP, Emergency Response
Date Data Arrived at EDR: 01/11/2024	Telephone: 717-787-5715
Date Made Active in Reports: 04/01/2024	Last EDR Contact: 06/26/2024
Number of Days to Update: 81	Next Scheduled EDR Contact: 10/14/2024
	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: 06/03/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/07/2024	Telephone: 800-438-2474
Date Made Active in Reports: 06/20/2024	Last EDR Contact: 06/07/2024
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/30/2024
	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: 01/30/2024	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 02/13/2024	Telephone: 202-528-4285
Date Made Active in Reports: 04/04/2024	Last EDR Contact: 05/14/2024
Number of Days to Update: 51	Next Scheduled EDR Contact: 08/26/2024
	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	Source: USGS
Date Data Arrived at EDR: 07/13/2021	Telephone: 888-275-8747
Date Made Active in Reports: 03/09/2022	Last EDR Contact: 07/11/2024
Number of Days to Update: 239	Next Scheduled EDR Contact: 10/21/2024
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/02/2024
Next Scheduled EDR Contact: 10/14/2024
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.

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: 05/09/2024
Next Scheduled EDR Contact: 08/19/2024
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: 03/18/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 93

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/17/2024
Next Scheduled EDR Contact: 09/30/2024
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: 04/29/2024
Next Scheduled EDR Contact: 08/12/2024
Data Release Frequency: No Update Planned

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: 05/02/2024
Next Scheduled EDR Contact: 08/12/2024
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/13/2024
Next Scheduled EDR Contact: 09/23/2024
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.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/13/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 86

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/16/2024
Next Scheduled EDR Contact: 08/26/2024
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: 07/11/2024
Date Data Arrived at EDR: 07/11/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 1

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/28/2024
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: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 09/09/2024
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: 04/01/2024
Date Data Arrived at EDR: 04/17/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/28/2024
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

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: 202-564-6023
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 08/12/2024
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
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/02/2024
Next Scheduled EDR Contact: 10/14/2024
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
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/14/2024
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: 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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/02/2024
Date Data Arrived at EDR: 01/16/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 57

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/27/2023
Date Made Active in Reports: 02/22/2024
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 05/28/2024
Next Scheduled EDR Contact: 09/09/2024
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
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 05/28/2024
Next Scheduled EDR Contact: 09/09/2024
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
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/02/2024
Next Scheduled EDR Contact: 08/12/2024
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
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/21/2024
Next Scheduled EDR Contact: 10/07/2024
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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: 04/23/2024
Next Scheduled EDR Contact: 08/05/2024
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: 03/31/2024
Date Data Arrived at EDR: 04/19/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 68

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/14/2024
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: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
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: 07/02/2024
Next Scheduled EDR Contact: 10/14/2024
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: 04/26/2024
Next Scheduled EDR Contact: 08/12/2024
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: 05/16/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/07/2024
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: 04/01/2024
Date Data Arrived at EDR: 04/04/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 99

Source: DOL, Mine Safety & Health Administration
Telephone: 202-693-9424
Last EDR Contact: 07/02/2024
Next Scheduled EDR Contact: 09/02/2024
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: 02/05/2024
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/21/2024
Next Scheduled EDR Contact: 09/02/2024
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: 05/22/2024
Next Scheduled EDR Contact: 09/02/2024
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: 05/23/2024
Next Scheduled EDR Contact: 09/02/2024
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: 03/18/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 79

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/13/2024
Next Scheduled EDR Contact: 09/16/2024
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: 05/22/2024
Next Scheduled EDR Contact: 09/02/2024
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: 02/09/2024
Date Data Arrived at EDR: 02/27/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 87

Source: EPA
Telephone: (215) 814-5000
Last EDR Contact: 05/29/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/08/2024
Number of Days to Update: 89	Next Scheduled EDR Contact: 10/21/2024
	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: 06/23/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/28/2024	Telephone: 202-564-2280
Date Made Active in Reports: 07/12/2024	Last EDR Contact: 06/28/2024
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/14/2024
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021	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: 05/17/2024
Number of Days to Update: 82	Next Scheduled EDR Contact: 09/02/2024
	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: 02/12/2024	Source: EPA
Date Data Arrived at EDR: 02/13/2024	Telephone: 800-385-6164
Date Made Active in Reports: 04/04/2024	Last EDR Contact: 05/14/2024
Number of Days to Update: 51	Next Scheduled EDR Contact: 08/26/2024
	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: 07/01/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2024	Telephone: 703-603-8895
Date Made Active in Reports: 07/12/2024	Last EDR Contact: 07/01/2024
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/14/2024
	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: 07/01/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2024	Telephone: 202-272-0167
Date Made Active in Reports: 07/12/2024	Last EDR Contact: 07/01/2024
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/14/2024
	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: 07/01/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2024	Telephone: 202-566-0250
Date Made Active in Reports: 07/12/2024	Last EDR Contact: 07/01/2024
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/14/2024
	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: 07/01/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2024	Telephone: 202-272-0167
Date Made Active in Reports: 07/12/2024	Last EDR Contact: 07/01/2024
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/14/2024
	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: 07/01/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2024	Telephone: 202-272-0167
Date Made Active in Reports: 07/12/2024	Last EDR Contact: 07/01/2024
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/14/2024
	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: 07/18/2024
Number of Days to Update: 601	Next Scheduled EDR Contact: 11/04/2024
	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: 07/01/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2024	Telephone: 202-272-0167
Date Made Active in Reports: 07/12/2024	Last EDR Contact: 07/01/2024
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/14/2024
	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: 07/01/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2024	Telephone: 202-272-0167
Date Made Active in Reports: 07/12/2024	Last EDR Contact: 07/01/2024
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/14/2024
	Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/19/2023	Source: Social Science Environmental Health Research Institute
Date Data Arrived at EDR: 04/05/2024	Telephone: N/A
Date Made Active in Reports: 06/06/2024	Last EDR Contact: 06/04/2024
Number of Days to Update: 62	Next Scheduled EDR Contact: 09/16/2024
	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: 07/01/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2024	Telephone: 202-272-0167
Date Made Active in Reports: 07/12/2024	Last EDR Contact: 07/01/2024
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/14/2024
	Data Release Frequency: Varies

PFAS ECHO FIRE TRAIN: 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: 07/01/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2024	Telephone: 202-272-0167
Date Made Active in Reports: 07/12/2024	Last EDR Contact: 07/01/2024
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/14/2024
	Data Release Frequency: Varies

PFAS PT 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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

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: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
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: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/27/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: No Update Planned

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 06/27/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 04/14/2024
Date Data Arrived at EDR: 04/16/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 07/16/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories. UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 05/08/2024
Next Scheduled EDR Contact: 08/19/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/31/2023	Telephone: 202-564-0394
Date Made Active in Reports: 01/18/2024	Last EDR Contact: 05/08/2024
Number of Days to Update: 79	Next Scheduled EDR Contact: 08/19/2024
	Data Release Frequency: Semi-Annually

E MANIFEST: Hazardous Waste Electronic Manifest System

EPA established a national system for tracking hazardous waste shipments electronically. This system, known as e-Manifest, will modernize the nation's cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/18/2024	Telephone: 833-501-6826
Date Made Active in Reports: 06/06/2024	Last EDR Contact: 06/07/2024
Number of Days to Update: 49	Next Scheduled EDR Contact: 09/30/2024
	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: 03/15/2024	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/19/2024	Telephone: 717-787-4728
Date Made Active in Reports: 06/11/2024	Last EDR Contact: 06/06/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/23/2024
	Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

Date of Government Version: 03/12/2024	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/13/2024	Telephone: 717-787-9702
Date Made Active in Reports: 06/06/2024	Last EDR Contact: 06/12/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/23/2024
	Data Release Frequency: Annually

ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 02/27/2024	Source: Department of Labor & Industry
Date Data Arrived at EDR: 02/28/2024	Telephone: 717-703-1092
Date Made Active in Reports: 05/22/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/09/2024
	Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facility Locations

A listing of drycleaner facility locations.

Date of Government Version: 03/12/2024	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/13/2024	Telephone: 717-787-9702
Date Made Active in Reports: 06/06/2024	Last EDR Contact: 06/12/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/23/2024
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/03/2024
Next Scheduled EDR Contact: 10/21/2024
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: 03/07/2024
Date Data Arrived at EDR: 04/17/2024
Date Made Active in Reports: 07/16/2024
Number of Days to Update: 90

Source: PASDA
Telephone: 814-863-0104
Last EDR Contact: 07/16/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Semi-Annually

NPDES: NPDES Permit Listing

A listing of facilities with an NPDES permit.

Date of Government Version: 02/27/2024
Date Data Arrived at EDR: 02/28/2024
Date Made Active in Reports: 05/22/2024
Number of Days to Update: 84

Source: Department of Environmental Protection
Telephone: 717-787-9642
Last EDR Contact: 05/30/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Varies

UIC: Underground Injection Wells

A listing of underground injection well locations.

Date of Government Version: 03/12/2024
Date Data Arrived at EDR: 03/13/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 85

Source: Department of Environmental Protection
Telephone: 717-783-7209
Last EDR Contact: 06/12/2024
Next Scheduled EDR Contact: 09/23/2024
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR 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.

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/05/2024	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 02/06/2024	Telephone: 860-424-3375
Date Made Active in Reports: 04/25/2024	Last EDR Contact: 05/07/2024
Number of Days to Update: 79	Next Scheduled EDR Contact: 08/19/2024
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/10/2019	Telephone: N/A
Date Made Active in Reports: 05/16/2019	Last EDR Contact: 06/26/2024
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/14/2024
	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.

Date of Government Version: 12/31/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/30/2023	Telephone: 518-402-8651
Date Made Active in Reports: 12/01/2023	Last EDR Contact: 04/25/2024
Number of Days to Update: 1	Next Scheduled EDR Contact: 08/05/2024
	Data Release Frequency: Quarterly

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020	Source: Department of Environmental Management
Date Data Arrived at EDR: 11/30/2021	Telephone: 401-222-2797
Date Made Active in Reports: 02/18/2022	Last EDR Contact: 05/13/2024
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/26/2024
	Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 10/28/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 10/29/2019	Telephone: 802-241-3443
Date Made Active in Reports: 01/09/2020	Last EDR Contact: 07/03/2024
Number of Days to Update: 72	Next Scheduled EDR Contact: 10/21/2024
	Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/19/2019	Telephone: N/A
Date Made Active in Reports: 09/03/2019	Last EDR Contact: 06/03/2024
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/16/2024
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

TLR RESIDENTIAL DEVELOPMENT PROJECT
906, 908, 910, 914, AND 916
PHOENIXVILLE, PA 19460

TARGET PROPERTY COORDINATES

Latitude (North):	40.143134 - 40° 8' 35.28"
Longitude (West):	75.53252 - 75° 31' 57.07"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	454638.0
UTM Y (Meters):	4443569.5
Elevation:	226 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	13944115 PHOENIXVILLE, 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).

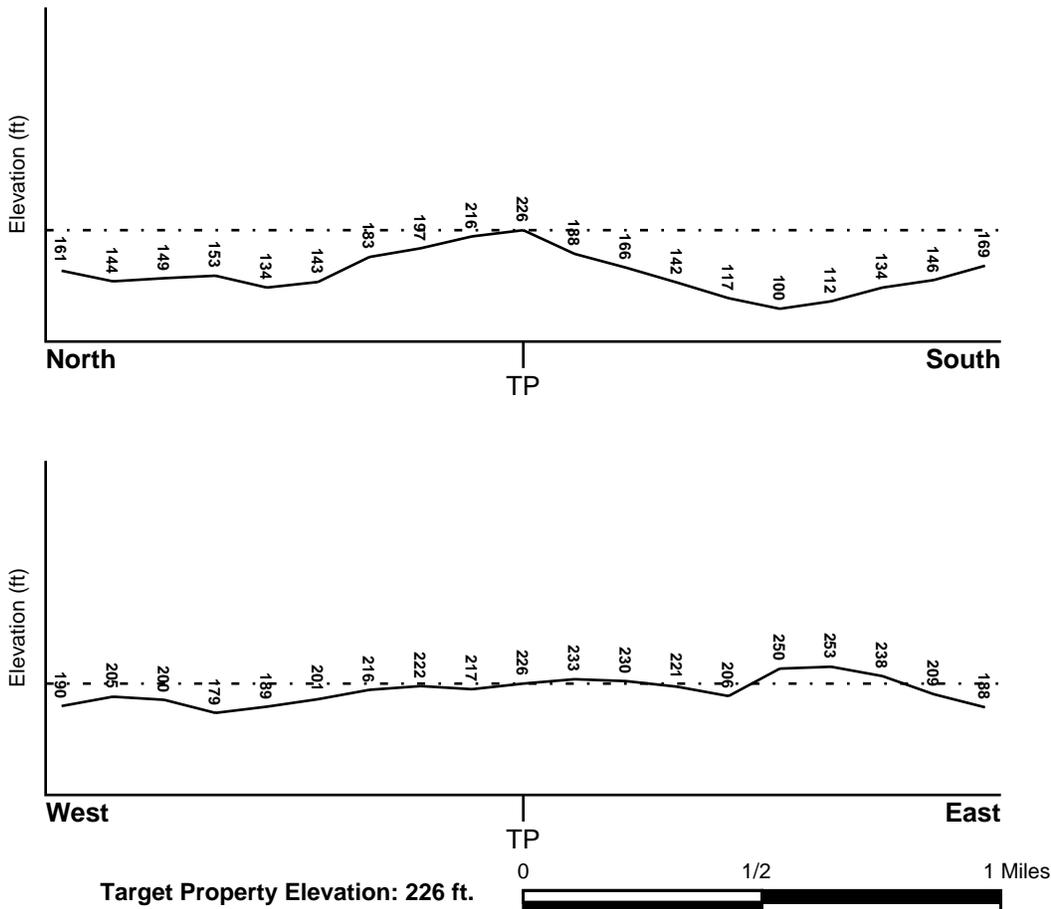
TOPOGRAPHIC INFORMATION

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 SE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
42029C0060F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
42091C0216E	FEMA FIRM Flood data
42091C0217E	FEMA FIRM Flood data
42091C0219E	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
PHOENIXVILLE	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>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

Era: Mesozoic
System: Triassic
Series: Triassic
Code: Tr (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: PENN
Soil Surface Texture: channery - silt loam
Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.
Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

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

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 20 inches

Depth to Bedrock Max: > 40 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	channery - 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%), silt.	Max: 6.00 Min: 0.60	Max: 5.50 Min: 3.60
2	8 inches	21 inches	channery - 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%), silt.	Max: 6.00 Min: 0.60	Max: 6.00 Min: 3.60
3	21 inches	34 inches	very channery - 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%), silt.	Max: 6.00 Min: 0.60	Max: 6.50 Min: 5.10
4	34 inches	38 inches	unweathered bedrock	Not reported	Not reported	Max: 6.00 Min: 0.20	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

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

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

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

Shallow Soil Types: sandy loam
loam
silt loam

Deeper Soil Types: weathered bedrock
stratified
loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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.

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>
A1	USGS40001010360	0 - 1/8 Mile West
B6	USGS40001010330	1/8 - 1/4 Mile WSW
C9	USGS40001010436	1/8 - 1/4 Mile NNE
C12	USGS40001010456	1/4 - 1/2 Mile NNE
D15	USGS40001010246	1/4 - 1/2 Mile SW
E17	USGS40001010286	1/4 - 1/2 Mile WSW
G24	USGS40001010285	1/2 - 1 Mile ESE
J32	USGS40001010053	1/2 - 1 Mile SSW
K33	USGS40001010016	1/2 - 1 Mile SSW
M38	USGS40001009983	1/2 - 1 Mile SSE
M42	USGS40001009982	1/2 - 1 Mile SSE
O46	USGS40001010678	1/2 - 1 Mile NNW
P48	USGS40001010086	1/2 - 1 Mile SE
Q51	USGS40001010094	1/2 - 1 Mile SE
S58	USGS40001010408	1/2 - 1 Mile West
R60	USGS40001009931	1/2 - 1 Mile SSE
T62	USGS40001010103	1/2 - 1 Mile SE
R64	USGS40001009930	1/2 - 1 Mile SSE
U66	USGS40001010038	1/2 - 1 Mile SE
V68	USGS40001009916	1/2 - 1 Mile SSE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
21	PA1150077	1/2 - 1 Mile ENE

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

STATE DATABASE WELL INFORMATION

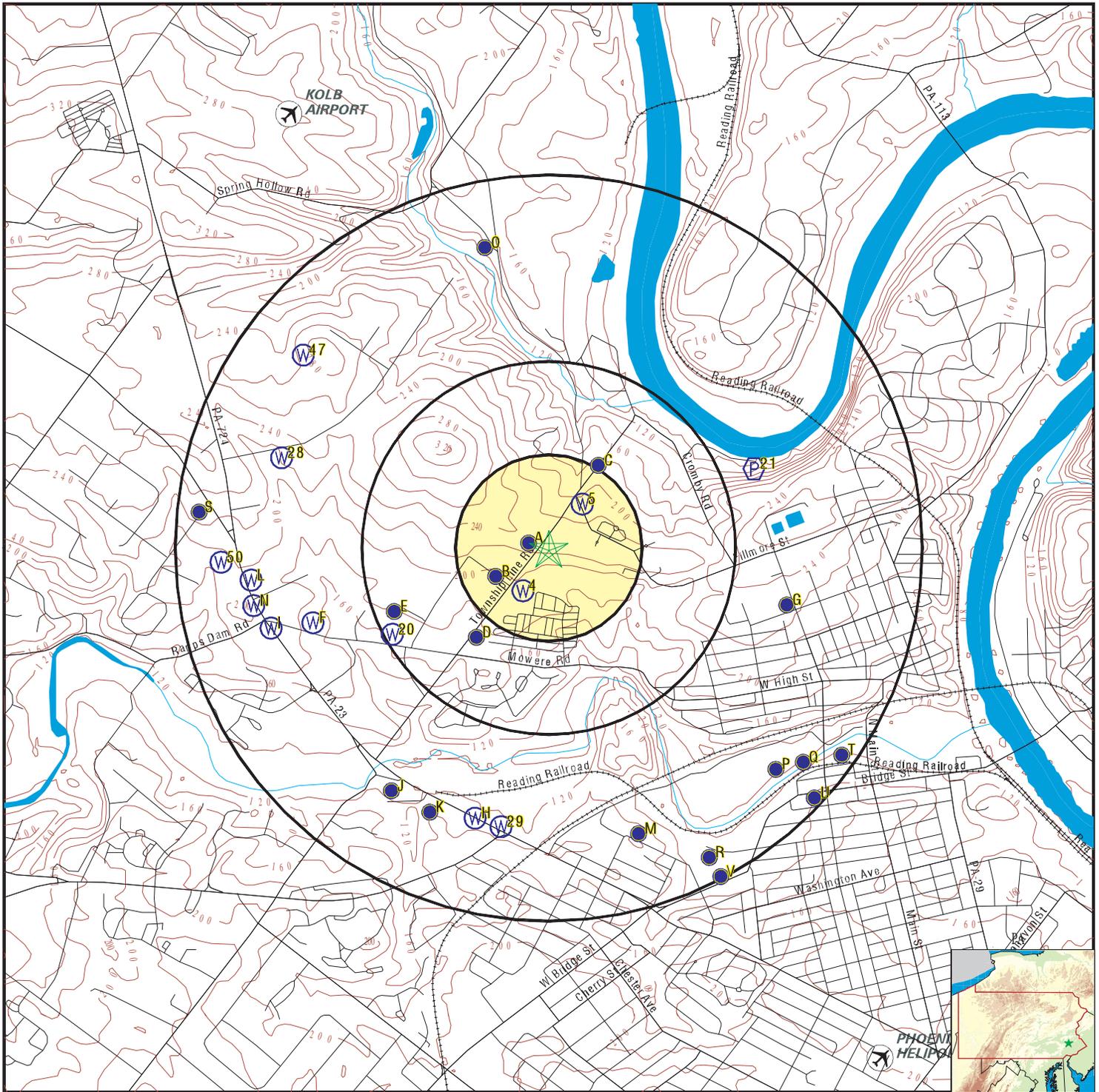
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	PASI60000011956	0 - 1/8 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A3	PASI60000102891	0 - 1/8 Mile NW
4	PASI60000106511	1/8 - 1/4 Mile SSW
5	PASI60000407646	1/8 - 1/4 Mile NE
B7	PASI60000011951	1/8 - 1/4 Mile WSW
C8	PASI60000011972	1/8 - 1/4 Mile NNE
C10	PASI60000384766	1/4 - 1/2 Mile NNE
C11	PASI60000012921	1/4 - 1/2 Mile NNE
D13	PASI60000218618	1/4 - 1/2 Mile SW
D14	PASI60000102892	1/4 - 1/2 Mile SW
D16	PASI60000011935	1/4 - 1/2 Mile SW
E18	PASI60000405930	1/4 - 1/2 Mile WSW
E19	PASI60000011943	1/4 - 1/2 Mile WSW
20	PASI60000406008	1/4 - 1/2 Mile WSW
F22	PASI60000409004	1/2 - 1 Mile WSW
G23	PASI60000012919	1/2 - 1 Mile ESE
F25	PASI60000408959	1/2 - 1 Mile WSW
F26	PASI60000408957	1/2 - 1 Mile WSW
H27	PASI60000392392	1/2 - 1 Mile SSW
28	PASI60000416840	1/2 - 1 Mile WNW
29	PASI60000100401	1/2 - 1 Mile South
I30	PASI60000398296	1/2 - 1 Mile WSW
H31	PASI60000392391	1/2 - 1 Mile SSW
J34	PASI60000011908	1/2 - 1 Mile SSW
K35	PASI60000012914	1/2 - 1 Mile SSW
I36	PASI60000398295	1/2 - 1 Mile WSW
L37	PASI60000218607	1/2 - 1 Mile West
M39	PASI60000012913	1/2 - 1 Mile SSE
N40	PASI60000102926	1/2 - 1 Mile West
N41	PASI60000214758	1/2 - 1 Mile West
M43	PASI60000011896	1/2 - 1 Mile SSE
L44	PASI60000218557	1/2 - 1 Mile West
O45	PASI60000012019	1/2 - 1 Mile NNW
47	PASI60000218615	1/2 - 1 Mile NW
P49	PASI60000011913	1/2 - 1 Mile SE
50	PASI60000218590	1/2 - 1 Mile West
Q52	PASI60000011915	1/2 - 1 Mile SE
R53	PASI60000404204	1/2 - 1 Mile SSE
R54	PASI60000394420	1/2 - 1 Mile SSE
R55	PASI60000394418	1/2 - 1 Mile SSE
R56	PASI60000395108	1/2 - 1 Mile SSE
R57	PASI60000394419	1/2 - 1 Mile SSE
S59	PASI60000012920	1/2 - 1 Mile West
R61	PASI60000011890	1/2 - 1 Mile SSE
T63	PASI60000012916	1/2 - 1 Mile SE
R65	PASI60000012912	1/2 - 1 Mile SSE
U67	PASI60000011905	1/2 - 1 Mile SE
V69	PASI60000012911	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 7713547.2s



- | | |
|--|--|
| County Boundary | Groundwater Flow Direction |
| Major Roads | Indeterminate Groundwater Flow at Location |
| Contour Lines | Groundwater Flow Varies at Location |
| Airports | Oil, gas or related wells |
| Earthquake epicenter, Richter 5 or greater | |
| Water Wells | |
| Public Water Supply Wells | |
| Cluster of Multiple Icons | |



SITE NAME: TLR Residential Development Project ADDRESS: 906, 908, 910, 914, and 916 Phoenixville PA 19460 LAT/LONG: 40.143134 / 75.53252	CLIENT: BL Companies CONTACT: Joseph Kempf INQUIRY #: 7713547.2s DATE: July 22, 2024 10:52 am
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1
West
0 - 1/8 Mile
Lower

FED USGS USGS40001010360

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 3260	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:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	198507	Well Depth:	164
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:	1987-12-03
Feet below surface:	80.38	Feet to sea level:	Not Reported
Note:	Not Reported		

A2
West
0 - 1/8 Mile
Lower

PA WELLS PASI60000011956

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	11958	Local Well #:	CH 3260
Aquifer:	LOCKATONG FORMATION	Topography:	Hillside
Well Depth:	164	Elevation:	220
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JUL-85
Local Permit #:	Not Reported		

Owner ID:	12021	Ownership Date:	01-JUL-85
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Construction Date:	01-JUL-85	Driller:	0188
Source of Construction Data:	DRILLERS RECORD	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:	10.
Static Water Level (ft):	83.	Agency Providing Data:	Drillers Record
WL Measurement Method:	Not Reported	Production Water Level (ft):	161.
Drawdown (ft):	78.	Yield (gmp/ft):	0.13
Test Length (min):	0.5	SiteStatus at Test:	Not Reported
Date Discharged:	01-JUL-85		

Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	80.4	Agency Providing Data:	Usgs Or Pags
WL Measurement Method:	ELECTRIC 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:	03-DEC-87		
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:	5637	Assigned By:	PAGS

**A3
NW
0 - 1/8 Mile
Higher**

PA WELLS PASI60000102891

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	102995	Local Well #:	5637N
Aquifer:	LOCKATONG FORMATION	Topography:	Flat Surface
Well Depth:	161	Elevation:	0
Site Type:	W	Depth to Bedrock:	8
Saltwater Zone:	0	Date Drilled:	01-JUL-85
Local Permit #:	Not Reported		
Owner ID:	102281	Ownership Date:	Not Reported
Construction Date:	01-JUL-85	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):	83.
Discharge:	10.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	78.
Production Water Level (ft):	161.	Test Length (min):	0.5
Yield (gmp/ft):	Not Reported	Date Discharged:	01-JUL-85
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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments: Wbz4=145; Rt=Gray Ss; Cm=Steel

4
SSW
1/8 - 1/4 Mile
Lower

PA WELLS PASI60000106511

Database:	Pennsylvania Groundwater Information System	Local Well #:	X 0208
GWIS ID:	106615	Topography:	Flat Surface
Aquifer:	STOCKTON FORMATION	Elevation:	0
Well Depth:	100	Depth to Bedrock:	4
Site Type:	W	Date Drilled:	01-JAN-68
Saltwater Zone:	0		
Local Permit #:	Not Reported		

Owner ID:	105900	Ownership Date:	Not Reported
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Construction Date:	01-JAN-68	Driller:	0561
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):	34.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN	Drawdown (ft):	80.
Production Water Level (ft):	Not Reported	Test Length (min):	2.
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

5
NE
1/8 - 1/4 Mile
Lower

PA WELLS PASI60000407646

Database:	Pennsylvania Groundwater Information System	Local Well #:	Not Reported
GWIS ID:	0	Topography:	Not Reported
Aquifer:	Not Reported	Elevation:	0
Well Depth:	160	Depth to Bedrock:	50
Site Type:	W	Date Drilled:	02-AUG-12
Saltwater Zone:	0		
Local Permit #:	067530		

Owner ID:	7471116	Ownership Date:	Not Reported
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	Not Reported
Discharge:	20.	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:	Not Reported
SiteStatus at Test:	Not Reported		
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

B6
WSW
1/8 - 1/4 Mile
Lower

FED USGS USGS40001010330

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 3259	Type:	Well
Description:	Not Reported	HUC:	02040203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Not Reported
Construction Date:	1977	Well Depth:	220
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:	1987-12-03
Feet below surface:	46.3	Feet to sea level:	Not Reported
Note:	Not Reported		

B7
WSW
1/8 - 1/4 Mile
Lower

PA WELLS PASI60000011951

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	11953	Local Well #:	CH 3259
Aquifer:	STOCKTON FORMATION	Topography:	Hillside
Well Depth:	220	Elevation:	195
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-77
Local Permit #:	Not Reported		
Owner ID:	12016	Ownership Date:	01-JAN-77
Construction Date:	01-JAN-77	Driller:	0512
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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Discharge Type:	Pumped	Data Source:	WELL OWNER
Discharge Measurement Method:	Not Reported	Discharge:	35.
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:	01-JAN-77		

Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	46.3	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:	03-DEC-87		

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
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**C8
NNE
1/8 - 1/4 Mile
Lower**

PA WELLS PASI60000011972

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	11974	Local Well #:	CH 3282
Aquifer:	LOCKATONG FORMATION	Topography:	Hillside
Well Depth:	250	Elevation:	200
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-85
Local Permit #:	Not Reported		

Owner ID:	12037	Ownership Date:	01-JAN-85
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Construction Date:	01-JAN-85	Driller:	0319
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:	REPORTED
Discharge Measurement Method:	Not Reported	Discharge:	25.
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:	01-JAN-85		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	26.9	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:	14-DEC-87		

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:	COMMERCIAL	Notes:	Not Reported

Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported
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C9
NNE
1/8 - 1/4 Mile
Lower

FED USGS USGS40001010436

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 3282	Type:	Well
Description:	Not Reported	HUC:	02040203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Locketong Formation	Aquifer Type:	Not Reported
Construction Date:	1985	Well Depth:	250
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:	1987-12-14
Feet below surface:	26.92	Feet to sea level:	Not Reported
Note:	Not Reported		

C10
NNE
1/4 - 1/2 Mile
Lower

PA WELLS PASI60000384766

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	300	Elevation:	0
Site Type:	W	Depth to Bedrock:	6
Saltwater Zone:	0	Date Drilled:	30-MAR-11
Local Permit #:	067541		

Owner ID:	7456479	Ownership Date:	Not Reported
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	Not Reported
Discharge:	8.	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:	Not Reported
SiteStatus at Test:	Not Reported		
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported

C11
NNE
1/4 - 1/2 Mile
Lower

PA WELLS PASI60000012921

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	12923	Local Well #:	CH 2463
Aquifer:	LOCKATONG FORMATION	Topography:	Hillside
Well Depth:	0	Elevation:	170
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	13028	Ownership Date:	17-JUN-82
Lithology:	SILTSTONE	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

C12
NNE
1/4 - 1/2 Mile
Lower

FED USGS USGS40001010456

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 2463	Type:	Well
Description:	Not Reported	HUC:	02040203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong 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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D13
SW
1/4 - 1/2 Mile
Lower

PA WELLS PASI60000218618

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	219180	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:	218150	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:	1150874	Assigned By:	PA DEP PWSID
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Comments:	Population Served = 50		
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D14
SW
1/4 - 1/2 Mile
Lower

PA WELLS PASI60000102892

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	102996	Local Well #:	5638N
Aquifer:	LOCKATONG FORMATION	Topography:	Flat Surface
Well Depth:	103	Elevation:	0
Site Type:	W	Depth to Bedrock:	7
Saltwater Zone:	0	Date Drilled:	07-DEC-78
Local Permit #:	Not Reported		

Owner ID:	102282	Ownership Date:	Not Reported
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Construction Date:	07-DEC-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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Discharge:	5.	Static Water Level (ft):	32.
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	65.	Drawdown (ft):	33.
Yield (gmp/ft):	Not Reported	Test Length (min):	4.
SiteStatus at Test:	Not Reported	Date Discharged:	07-DEC-78
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=Red Sh		

**D15
SW
1/4 - 1/2 Mile
Lower**

FED USGS USGS40001010246

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 3258	Type:	Well
Description:	Not Reported	HUC:	02040203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Not Reported
Construction Date:	19781207	Well Depth:	103
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:	1987-12-03
Feet below surface:	23.02	Feet to sea level:	Not Reported
Note:	Not Reported		

**D16
SW
1/4 - 1/2 Mile
Lower**

PA WELLS PASI60000011935

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	11937	Local Well #:	CH 3258
Aquifer:	STOCKTON FORMATION	Topography:	Hillside
Well Depth:	103	Elevation:	165
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	07-DEC-78
Local Permit #:	Not Reported		
Owner ID:	11999	Ownership Date:	01-JAN-79
Construction Date:	07-DEC-78	Driller:	0904
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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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):	32.	Agency Providing Data:	Drillers Record
WL Measurement Method:	Not Reported	Production Water Level (ft):	65.
Drawdown (ft):	33.	Yield (gmp/ft):	0.15
Test Length (min):	4.	SiteStatus at Test:	Not Reported
Date Discharged:	07-DEC-78		
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	23.	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:	03-DEC-87		
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:	5638	Assigned By:	PAGS

E17
WSW
1/4 - 1/2 Mile
Lower

FED USGS USGS40001010286

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center	Type:	Well
Monitor Location:	CH 3244	HUC:	02040203
Description:	Not Reported	Drainage Area Units:	Not Reported
Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Contrib Drainage Area:	Not Reported	Aquifer Type:	Not Reported
Aquifer:	Early Mesozoic basin aquifers	Well Depth:	160
Formation Type:	Stockton Formation	Well Hole Depth:	Not Reported
Construction Date:	19781201		
Well Depth Units:	ft		
Well Hole Depth Units:	Not Reported		
Ground water levels,Number of Measurements:	1	Level reading date:	1987-11-17
Feet below surface:	33.46	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

E18
WSW
1/4 - 1/2 Mile
Lower

PA WELLS PASI60000405930

Database:	Pennsylvania Groundwater Information System	Local Well #:	Not Reported
GWIS ID:	0	Topography:	Not Reported
Aquifer:	Not Reported	Elevation:	0
Well Depth:	180	Depth to Bedrock:	90
Site Type:	W	Date Drilled:	30-APR-12
Saltwater Zone:	0		
Local Permit #:	069819		

Owner ID:	7469274	Ownership Date:	Not Reported
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Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	20.
Discharge:	30.	WL Measurement Method:	Not Reported
Agency Providing Data:	Not Reported	Drawdown (ft):	Not Reported
Production Water Level (ft):	Not Reported	Test Length (min):	30.
Yield (gmp/ft):	Not Reported	Date Discharged:	Not Reported
SiteStatus at Test:	Not Reported		

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

E19
WSW
1/4 - 1/2 Mile
Lower

PA WELLS PASI60000011943

Database:	Pennsylvania Groundwater Information System	Local Well #:	CH 3244
GWIS ID:	11945	Topography:	Hillside
Aquifer:	STOCKTON FORMATION	Elevation:	180
Well Depth:	160	Depth to Bedrock:	0
Site Type:	W	Date Drilled:	01-DEC-78
Saltwater Zone:	0		
Local Permit #:	Not Reported		

Owner ID:	12008	Ownership Date:	01-DEC-78
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Construction Date:	01-DEC-78	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:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Not Reported	Discharge:	14.
Static Water Level (ft):	35.	Agency Providing Data:	Drillers Record
WL Measurement Method:	Not Reported	Production Water Level (ft):	100.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drawdown (ft):	65.	Yield (gmp/ft):	0.21
Test Length (min):	Not Reported	SiteStatus at Test:	Not Reported
Date Discharged:	17-NOV-87		
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

20
WSW
1/4 - 1/2 Mile
Lower

PA WELLS PASI60000406008

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	70	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	02-MAY-12
Local Permit #:	NA		
Owner ID:	7469498	Ownership Date:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

21
ENE
1/2 - 1 Mile
Lower

FRDS PWS PA1150077

Epa region:	03	State:	PA
Pwsid:	PA1150077	Pwsname:	PHOENIXVILLE WATER DEPT
Cityserved:	Not Reported	Stateserved:	PA
Zipsserved:	Not Reported	Fipscounty:	42029
Status:	Active	Retpopsrvd:	16438
Pwssvconn:	5776	Psource longname:	Surface_water
Pwstype:	CWS	Owner:	Local_Govt
Contact:	WATER TREATMENT PLANT	Contactorgname:	PHOENIXVILLE WATER DEPT
Contactphone:	610-933-1249	Contactaddress1:	351 BRIDGE STREET, 2ND FL
Contactaddress2:	Not Reported	Contactcity:	PHOENIXVILLE
Contactstate:	PA	Contactzip:	19460
Pwsactivitycode:	A		
Pwsid:	PA1150077	Facid:	300
Facname:	TREATMENT PLANT 300	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	PA1150077	Facid:	300
Facname:	TREATMENT PLANT 300	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		
Pwsid:	PA1150077	Facid:	300
Facname:	TREATMENT PLANT 300	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP
Pwsid:	PA1150077	Facid:	300
Facname:	TREATMENT PLANT 300	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	particulate removal
Trtprocess:	flocculation	Factypecode:	TP
Pwsid:	PA1150077	Facid:	300
Facname:	TREATMENT PLANT 300	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	particulate removal
Trtprocess:	coagulation	Factypecode:	TP
Pwsid:	PA1150077	Facid:	300
Facname:	TREATMENT PLANT 300	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	particulate removal
Trtprocess:	sedimentation	Factypecode:	TP
Pwsid:	PA1150077	Facid:	300
Facname:	TREATMENT PLANT 300	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	particulate removal
Trtprocess:	filtration, rapid sand	Factypecode:	TP
Pwsid:	PA1150077	Facid:	300
Facname:	TREATMENT PLANT 300	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	innovative	Factypecode:	TP
PWS ID:	PA1150077	PWS name:	PHOENIXVILLE WATER DEPT
Address:	140 CHURCH ST	Care of:	Not Reported
City:	PHOENIXVILLE	State:	PA
Zip:	19460	Owner:	PHOENIXVILLE WATER DEPT
Source code:	Surface water	Population:	16438
PWS ID:	PA1150077	PWS type:	Mailing
PWS name:	PHOENIXVILLE WATER DEPT	PWS address:	ANDREW FABIAN
PWS address:	140 CHURCH ST	PWS city:	PHOENIXVILLE
PWS state:	PA	PWS zip:	19460
PWS name:	PHOENIXVILLE WATER DEPT	PWS type code:	C
Retail population served:	16438	Contact:	ANDREW FABIAN
Contact address:	140 CHURCH ST	Contact address:	PHOENIXVILLE
Contact city:	PA	Contact state:	19
Contact zip:	610-933-12	Contact telephone:	Not Reported
County:	CHESTER	Source:	Surface water
Treatment Objective:	DISINFECTION	Process:	CHLORINE DIOXIDE
Population:	16438		
County:	CHESTER	Source:	Surface water
Treatment Objective:	DISINFECTION	Process:	GASEOUS CHLORINATION, POST
Population:	16438		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

County:	CHESTER	Source:	Surface water
Treatment Objective:	DISINFECTION	Process:	GASEOUS CHLORINATION, PRE
Population:	16438		
County:	CHESTER	Source:	Surface water
Treatment Objective:	PARTICULATE REMOVAL	Process:	COAGULATION
Population:	16438		
County:	CHESTER	Source:	Surface water
Treatment Objective:	PARTICULATE REMOVAL	Process:	FILTRATION, RAPID SAND
Population:	16438		
County:	CHESTER	Source:	Surface water
Treatment Objective:	PARTICULATE REMOVAL	Process:	FLOCCULATION
Population:	16438		
County:	CHESTER	Source:	Surface water
Treatment Objective:	PARTICULATE REMOVAL	Process:	SEDIMENTATION
Population:	16438		
County:	CHESTER	Source:	Surface water
Treatment Objective:	Z	Process:	FLUORIDATION
Population:	16438		
PWS ID:	PA1150077	Activity status:	Active
Date system activated:	Not Reported	Date system deactivated:	Not Reported
Retail population:	00024000	System name:	PHOENIXVILLE WATER DEPT
System address:	Not Reported	System address:	140 CHURCH ST
System city:	PHOENIXVILLE	System state:	PA
System zip:	19460		
Population served:	10,001 - 50,000 Persons	Treatment:	Treated
Latitude:	400846	Longitude:	0753121
State:	PA	Latitude degrees:	40
Latitude minutes:	8	Latitude seconds:	46.0000
Longitude degrees:	75	Longitude minutes:	31
Longitude seconds:	21.0000		
Violation id:	0024032	Orig code:	S
State:	PA	Violation Year:	2000
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	36		
Violation name:	Monitoring of Treatment (SWTR-Filter)		
Rule code:	121	Rule name:	SWTR
Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	04/01/2000
Cmp edt:	04/30/2000		
Violation id:	00V0001	Orig code:	F
State:	PA	Violation Year:	2000
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	07/01/2000
Cmp edt:	01/31/2001		
Violation id:	0125531	Orig code:	S
State:	PA	Violation Year:	2001
Contamination code:	0200	Contamination Name:	SWTR

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Violation code:	36		
Violation name:	Monitoring of Treatment (SWTR-Filter)		
Rule code:	121	Rule name:	SWTR
Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	01/01/2001
Cmp edt:	01/31/2001		

Violation id:	0129128	Orig code:	S
State:	PA	Violation Year:	2001
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	36		
Violation name:	Monitoring of Treatment (SWTR-Filter)		
Rule code:	121	Rule name:	SWTR
Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	04/01/2001
Cmp edt:	04/30/2001		

Violation id:	0129684	Orig code:	S
State:	PA	Violation Year:	2001
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	36		
Violation name:	Monitoring of Treatment (SWTR-Filter)		
Rule code:	121	Rule name:	SWTR
Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	05/01/2001
Cmp edt:	05/31/2001		

Violation id:	0130430	Orig code:	S
State:	PA	Violation Year:	2001
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	36		
Violation name:	Monitoring of Treatment (SWTR-Filter)		
Rule code:	121	Rule name:	SWTR
Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	06/01/2001
Cmp edt:	06/30/2001		

Violation id:	0133135	Orig code:	S
State:	PA	Violation Year:	2001
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	36		
Violation name:	Monitoring of Treatment (SWTR-Filter)		
Rule code:	121	Rule name:	SWTR
Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	07/01/2001
Cmp edt:	07/31/2001		

Violation id:	0134025	Orig code:	S
State:	PA	Violation Year:	2001
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	36		
Violation name:	Monitoring of Treatment (SWTR-Filter)		
Rule code:	121	Rule name:	SWTR
Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	08/01/2001
Cmp edt:	08/31/2001		

Violation id:	0134804	Orig code:	S
State:	PA	Violation Year:	2001
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	36		
Violation name:	Monitoring of Treatment (SWTR-Filter)		

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Rule code:	121	Rule name:	SWTR
Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	09/01/2001
Cmp edt:	09/30/2001		
Violation id:	0201718	Orig code:	S
State:	PA	Violation Year:	2001
Contamination code:	1040	Contamination Name:	Nitrate
Violation code:	03	Violation name:	Monitoring, Regular
Rule code:	331	Rule name:	Nitrates
Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	01/01/2001
Cmp edt:	12/31/2001		
Violation id:	0201719	Orig code:	S
State:	PA	Violation Year:	2001
Contamination code:	2036	Contamination Name:	OXAMYL
Violation code:	03	Violation name:	Monitoring, Regular
Rule code:	320	Rule name:	SOC
Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	10/01/2001
Cmp edt:	12/31/2001		
Violation id:	0201720	Orig code:	S
State:	PA	Violation Year:	2001
Contamination code:	2039	Contamination Name:	Di(2-ethylhexyl) phthalate
Violation code:	03	Violation name:	Monitoring, Regular
Rule code:	320	Rule name:	SOC
Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	10/01/2001
Cmp edt:	12/31/2001		
Violation id:	0201721	Orig code:	S
State:	PA	Violation Year:	2001
Contamination code:	2046	Contamination Name:	Carbofuran
Violation code:	03	Violation name:	Monitoring, Regular
Rule code:	320	Rule name:	SOC
Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	10/01/2001
Cmp edt:	12/31/2001		
Violation id:	0201722	Orig code:	S
State:	PA	Violation Year:	2001
Contamination code:	2050	Contamination Name:	Atrazine
Violation code:	03	Violation name:	Monitoring, Regular
Rule code:	320	Rule name:	SOC
Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	10/01/2001
Cmp edt:	12/31/2001		
Violation id:	0404665	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	41	Violation name:	Treatment Technique (SWTR and GWR)
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	11/01/2003
Cmp edt:	11/30/2003		
Violation id:	0406238	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	0999	Contamination Name:	Chlorine

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Violation code:	27	Violation name:	Monitoring and Reporting (DBP)
Rule code:	210	Rule name:	St1 DBP
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2003
Cmp edt:	12/31/2003		
Violation id:	0406294	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	41	Violation name:	Treatment Technique (SWTR and GWR)
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	12/01/2003
Cmp edt:	12/31/2003		
Violation id:	0425030	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	2920	Contamination Name:	CARBON, TOTAL
Violation code:	27	Violation name:	Monitoring and Reporting (DBP)
Rule code:	210	Rule name:	St1 DBP
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2003
Cmp edt:	12/31/2003		
Violation id:	0626742	Orig code:	S
State:	PA	Violation Year:	2006
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2006
Cmp edt:	Not Reported		
Violation id:	1132906	Orig code:	S
State:	PA	Violation Year:	2011
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2011
Cmp edt:	Not Reported		
Violation id:	1303387	Orig code:	S
State:	PA	Violation Year:	2012
Contamination code:	2036	Contamination Name:	OXAMYL
Violation code:	03	Violation name:	Monitoring, Regular
Rule code:	320	Rule name:	SOC
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2012
Cmp edt:	12/31/2012		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9301786	Violation source ID:	101
PWS telephone:	2159338801	Contaminant:	BENZENE
Violation type:	Monitoring, Regular	Violation start date:	100192
Violation end date:	123192	Violation period (months):	003
Violation awareness date:	020893	Major violator:	Yes
Maximum contaminant level:	Not Reported	Number of required samples:	001
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID: 9301785
PWS telephone: 2159338801
Violation type: Monitoring, Regular
Violation end date: 123192
Violation awareness date: 020893
Maximum contaminant level: Not Reported
Number of samples taken: 000
Analysis result: Not Reported

Violation source ID: 101
Contaminant: TRICHLOROETHYLENE
Violation start date: 100192
Violation period (months): 003
Major violator: Yes
Number of required samples: 001
Analysis method: Not Reported

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID: 9301784
PWS telephone: 2159338801
Violation type: Monitoring, Regular
Violation end date: 123192
Violation awareness date: 020893
Maximum contaminant level: Not Reported
Number of samples taken: 000
Analysis result: Not Reported

Violation source ID: 101
Contaminant: CARBON TETRACHLORIDE
Violation start date: 100192
Violation period (months): 003
Major violator: Yes
Number of required samples: 001
Analysis method: Not Reported

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID: 9301783
PWS telephone: 2159338801
Violation type: Monitoring, Regular
Violation end date: 123192
Violation awareness date: 020893
Maximum contaminant level: Not Reported
Number of samples taken: 000
Analysis result: Not Reported

Violation source ID: 101
Contaminant: 1,1,1-TRICHLOROETHANE
Violation start date: 100192
Violation period (months): 003
Major violator: Yes
Number of required samples: 001
Analysis method: Not Reported

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID: 9301782
PWS telephone: 2159338801
Violation type: Monitoring, Regular
Violation end date: 123192
Violation awareness date: 020893
Maximum contaminant level: Not Reported
Number of samples taken: 000
Analysis result: Not Reported

Violation source ID: 101
Contaminant: 1,2-DICHLOROETHANE
Violation start date: 100192
Violation period (months): 003
Major violator: Yes
Number of required samples: 001
Analysis method: Not Reported

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID: 9301781
PWS telephone: 2159338801
Violation type: Monitoring, Regular
Violation end date: 123192
Violation awareness date: 020893
Maximum contaminant level: Not Reported
Number of samples taken: 000
Analysis result: Not Reported

Violation source ID: 101
Contaminant: 1,1-DICHLOROETHYLENE
Violation start date: 100192
Violation period (months): 003
Major violator: Yes
Number of required samples: 001
Analysis method: Not Reported

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID: 9301780
PWS telephone: 2159338801
Violation type: Monitoring, Regular
Violation end date: 123192
Violation awareness date: 020893

Violation source ID: 101
Contaminant: P-DICHLOROBENZENE
Violation start date: 100192
Violation period (months): 003
Major violator: Yes

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Maximum contaminant level:	Not Reported	Number of required samples:	001
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9301779	Violation source ID:	Not Reported
PWS telephone:	2159338801	Contaminant:	TTHM
Violation type:	Max Contaminant Level, Average		
Violation start date:	100192	Violation end date:	123192
Violation period (months):	003	Violation awareness date:	020893
Major violator:	Not Reported	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	000000011000000

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9319061	Violation source ID:	101
PWS telephone:	Not Reported	Contaminant:	NITRATE
Violation type:	Monitoring, Regular	Violation start date:	070193
Violation end date:	093093	Violation period (months):	003
Violation awareness date:	121393	Major violator:	Yes
Maximum contaminant level:	Not Reported	Number of required samples:	000
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9318678	Violation source ID:	101
PWS telephone:	Not Reported	Contaminant:	NITRATE
Violation type:	Monitoring, Regular	Violation start date:	040193
Violation end date:	063093	Violation period (months):	003
Violation awareness date:	120893	Major violator:	Yes
Maximum contaminant level:	Not Reported	Number of required samples:	000
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

Violation ID:	0024032	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	06/13/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

Violation ID:	0024032	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	06/13/2000
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		

Violation ID:	00V0001	Orig Code:	F
Enforcemnt FY:	2001	Enforcement Action:	01/31/2001
Enforcement Detail:	Fed Compliance achieved	Enforcement Category:	Resolving

Violation ID:	00V0001	Orig Code:	F
Enforcemnt FY:	2001	Enforcement Action:	11/28/2000
Enforcement Detail:	Fed Formal NOV issued	Enforcement Category:	Informal

Violation ID:	0125531	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	04/24/2001
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

Violation ID:	0125531	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	04/24/2001
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		

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Violation ID:	0129128	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	08/20/2001
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0129128	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	08/20/2001
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0129684	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	08/20/2001
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0129684	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	08/20/2001
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0130430	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	08/20/2001
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0130430	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	08/20/2001
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0133135	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	09/21/2001
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0133135	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	09/21/2001
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0134025	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	11/20/2001
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0134025	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	11/20/2001
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0134804	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	11/20/2001
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0134804	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	11/20/2001
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0201718	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	04/03/2002
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0201718	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	04/03/2002
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		

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Violation ID:	0201719	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	04/03/2002
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0201719	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	04/03/2002
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0201720	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	04/03/2002
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0201720	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	04/03/2002
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0201721	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	04/03/2002
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0201721	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	04/03/2002
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0201722	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	04/03/2002
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0201722	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	04/03/2002
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0404665	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	02/12/2004
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0404665	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	02/12/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0406238	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	02/12/2004
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0406238	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	02/12/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0406294	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	02/12/2004
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0406294	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	02/12/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

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Violation ID:	0425030	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	04/15/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0425030	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	04/15/2004
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0626742	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	11/20/2006
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0626742	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	10/11/2006
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	1132906	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	11/18/2011
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	1132906	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	01/11/2012
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	1303387	Orig Code:	S
Enforcemnt FY:	2013	Enforcement Action:	02/22/2013
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	1303387	Orig Code:	S
Enforcemnt FY:	2013	Enforcement Action:	03/12/2013
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0024032
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	4/1/2000 0:00:00	Compliance end date:	4/30/2000 0:00:00
Enforcement date:	6/13/2000 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0024032
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	4/1/2000 0:00:00	Compliance end date:	4/30/2000 0:00:00
Enforcement date:	6/13/2000 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	00V0001
Contaminant:	7000	Violation type:	71
Compliance start date:	7/1/2000 0:00:00	Compliance end date:	1/31/2001 0:00:00
Enforcement date:	1/31/2001 0:00:00	Enforcement action:	Fed Compliance Achieved
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	00V0001
Contaminant:	7000	Violation type:	71

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Compliance start date:	7/1/2000 0:00:00	Compliance end date:	1/31/2001 0:00:00
Enforcement date:	11/28/2000 0:00:00	Enforcement action:	Fed Formal NOV Issued
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0125531
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	1/1/2001 0:00:00	Compliance end date:	1/31/2001 0:00:00
Enforcement date:	4/24/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0125531
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	1/1/2001 0:00:00	Compliance end date:	1/31/2001 0:00:00
Enforcement date:	4/24/2001 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0129128
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	4/1/2001 0:00:00	Compliance end date:	4/30/2001 0:00:00
Enforcement date:	8/20/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0129128
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	4/1/2001 0:00:00	Compliance end date:	4/30/2001 0:00:00
Enforcement date:	8/20/2001 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0129684
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	5/1/2001 0:00:00	Compliance end date:	5/31/2001 0:00:00
Enforcement date:	8/20/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0129684
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	5/1/2001 0:00:00	Compliance end date:	5/31/2001 0:00:00
Enforcement date:	8/20/2001 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0130430
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	6/1/2001 0:00:00	Compliance end date:	6/30/2001 0:00:00
Enforcement date:	8/20/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0130430

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	6/1/2001 0:00:00	Compliance end date:	6/30/2001 0:00:00
Enforcement date:	8/20/2001 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0133135
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	7/1/2001 0:00:00	Compliance end date:	7/31/2001 0:00:00
Enforcement date:	9/21/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0133135
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	7/1/2001 0:00:00	Compliance end date:	7/31/2001 0:00:00
Enforcement date:	9/21/2001 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0134025
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	8/1/2001 0:00:00	Compliance end date:	8/31/2001 0:00:00
Enforcement date:	11/20/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0134025
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	8/1/2001 0:00:00	Compliance end date:	8/31/2001 0:00:00
Enforcement date:	11/20/2001 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0134804
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	9/1/2001 0:00:00	Compliance end date:	9/30/2001 0:00:00
Enforcement date:	11/20/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0134804
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	9/1/2001 0:00:00	Compliance end date:	9/30/2001 0:00:00
Enforcement date:	11/20/2001 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0201718
Contaminant:	NITRATE	Violation type:	3
Compliance start date:	1/1/2001 0:00:00	Compliance end date:	12/31/2001 0:00:00
Enforcement date:	4/3/2002 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

PWS type code:	C	Violation ID:	0201718
Contaminant:	NITRATE	Violation type:	3
Compliance start date:	1/1/2001 0:00:00	Compliance end date:	12/31/2001 0:00:00
Enforcement date:	4/3/2002 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0201719
Contaminant:	OXAMYL (VYDATE)	Violation type:	3
Compliance start date:	10/1/2001 0:00:00	Compliance end date:	12/31/2001 0:00:00
Enforcement date:	4/3/2002 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0201719
Contaminant:	OXAMYL (VYDATE)	Violation type:	3
Compliance start date:	10/1/2001 0:00:00	Compliance end date:	12/31/2001 0:00:00
Enforcement date:	4/3/2002 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0201720
Contaminant:	DI (2-ETHYLHEXYL) PHTHALATE	Violation type:	3
Violation type:	3	Compliance start date:	10/1/2001 0:00:00
Compliance end date:	12/31/2001 0:00:00	Enforcement date:	4/3/2002 0:00:00
Enforcement action:	State Violation/Reminder Notice		
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0201720
Contaminant:	DI (2-ETHYLHEXYL) PHTHALATE	Violation type:	3
Violation type:	3	Compliance start date:	10/1/2001 0:00:00
Compliance end date:	12/31/2001 0:00:00	Enforcement date:	4/3/2002 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	0
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0201721
Contaminant:	CARBOFURAN	Violation type:	3
Compliance start date:	10/1/2001 0:00:00	Compliance end date:	12/31/2001 0:00:00
Enforcement date:	4/3/2002 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0201721
Contaminant:	CARBOFURAN	Violation type:	3
Compliance start date:	10/1/2001 0:00:00	Compliance end date:	12/31/2001 0:00:00
Enforcement date:	4/3/2002 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0201722
Contaminant:	ATRAZINE	Violation type:	3
Compliance start date:	10/1/2001 0:00:00	Compliance end date:	12/31/2001 0:00:00
Enforcement date:	4/3/2002 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	0		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0201722
Contaminant:	ATRAZINE	Violation type:	3
Compliance start date:	10/1/2001 0:00:00	Compliance end date:	12/31/2001 0:00:00
Enforcement date:	4/3/2002 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0404665
Contaminant:	SWTR	Violation type:	Treatment Technique (SWTR)
Compliance start date:	11/1/2003 0:00:00	Compliance end date:	11/30/2003 0:00:00
Enforcement date:	2/12/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0404665
Contaminant:	SWTR	Violation type:	Treatment Technique (SWTR)
Compliance start date:	11/1/2003 0:00:00	Compliance end date:	11/30/2003 0:00:00
Enforcement date:	2/12/2004 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0406238
Contaminant:	0999	Violation type:	27
Compliance start date:	10/1/2003 0:00:00	Compliance end date:	12/31/2003 0:00:00
Enforcement date:	2/12/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0406238
Contaminant:	0999	Violation type:	27
Compliance start date:	10/1/2003 0:00:00	Compliance end date:	12/31/2003 0:00:00
Enforcement date:	2/12/2004 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0406294
Contaminant:	SWTR	Violation type:	Treatment Technique (SWTR)
Compliance start date:	12/1/2003 0:00:00	Compliance end date:	12/31/2003 0:00:00
Enforcement date:	2/12/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0406294
Contaminant:	SWTR	Violation type:	Treatment Technique (SWTR)
Compliance start date:	12/1/2003 0:00:00	Compliance end date:	12/31/2003 0:00:00
Enforcement date:	2/12/2004 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0425030
Contaminant:	CARBON, TOTAL-ORGANIC	Violation type:	27
Compliance start date:	10/1/2003 0:00:00	Compliance end date:	12/31/2003 0:00:00
Enforcement date:	4/15/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0425030
Contaminant:	CARBON, TOTAL-ORGANIC	Violation type:	27
Compliance start date:	10/1/2003 0:00:00	Compliance end date:	12/31/2003 0:00:00
Enforcement date:	4/15/2004 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0626742
Contaminant:	7000	Violation type:	71
Compliance start date:	7/1/2006 0:00:00	Compliance end date:	11/20/2006 0:00:00
Enforcement date:	10/11/2006 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0626742
Contaminant:	7000	Violation type:	71
Compliance start date:	7/1/2006 0:00:00	Compliance end date:	11/20/2006 0:00:00
Enforcement date:	11/20/2006 0:00:00	Enforcement action:	State Consent Decree/Judgement
Violation measurement:	Not Reported		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0626742
Contaminant:	7000	Violation type:	71
Compliance start date:	7/1/2006 0:00:00	Compliance end date:	11/20/2006 0:00:00
Enforcement date:	11/20/2006 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0902105
Contaminant:	GROSS BETA PARTICLE ACTIVITY		
Violation type:	3	Compliance start date:	10/1/2008 0:00:00
Compliance end date:	12/31/2008 0:00:00	Enforcement date:	1/21/2009 0:00:00
Enforcement action:	State Violation/Reminder Notice		
Violation measurement:	Not Reported		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0902105
Contaminant:	GROSS BETA PARTICLE ACTIVITY		
Violation type:	3	Compliance start date:	10/1/2008 0:00:00
Compliance end date:	12/31/2008 0:00:00	Enforcement date:	2/24/2009 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0902373
Contaminant:	7500	Violation type:	75
Compliance start date:	2/10/2009 0:00:00	Compliance end date:	2/26/2009 0:00:00
Enforcement date:	2/26/2009 0:00:00	Enforcement action:	State Consent Decree/Judgement
Violation measurement:	Not Reported		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0902373
Contaminant:	7500	Violation type:	75
Compliance start date:	2/10/2009 0:00:00	Compliance end date:	2/26/2009 0:00:00
Enforcement date:	2/26/2009 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0902374
Contaminant:	SWTR	Violation type:	Treatment Technique (SWTR)
Compliance start date:	12/1/2008 0:00:00	Compliance end date:	12/31/2008 0:00:00
Enforcement date:	2/26/2009 0:00:00	Enforcement action:	State Consent Decree/Judgement
Violation measurement:	Not Reported		
PWS name:	PHOENIXVILLE WATER DEPT	Population served:	16438
PWS type code:	C	Violation ID:	0902374
Contaminant:	SWTR	Violation type:	Treatment Technique (SWTR)
Compliance start date:	12/1/2008 0:00:00	Compliance end date:	12/31/2008 0:00:00
Enforcement date:	2/26/2009 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

F22
WSW
1/2 - 1 Mile
Lower

PA WELLS PASI60000409004

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	52	Elevation:	0
Site Type:	W	Depth to Bedrock:	4
Saltwater Zone:	0	Date Drilled:	02-OCT-12
Local Permit #:	CCHD #M007214		

Owner ID:	7472475	Ownership Date:	Not Reported
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Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Estimated	Discharge:	1.
Static Water Level (ft):	38.	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

G23
ESE
1/2 - 1 Mile
Higher

PA WELLS PASI60000012919

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	12921	Local Well #:	CH 164
Aquifer:	LOCKATONG FORMATION	Topography:	Hilltop
Well Depth:	600	Elevation:	230
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-06
Local Permit #:	Not Reported		

Owner ID:	13025	Ownership Date:	01-JAN-06
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Owner ID:	13026	Ownership Date:	01-JAN-86
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Construction Date:	01-JAN-06	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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	50.
Static Water Level (ft):	115.	Agency Providing Data:	Not Reported
WL Measurement Method:	Not Reported	Production Water Level (ft):	155.
Drawdown (ft):	40.	Yield (gmp/ft):	1.3
Test Length (min):	7.	SiteStatus at Test:	Not Reported
Date Discharged:	19-FEB-42		

Lithology:	SILTSTONE	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
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**G24
ESE
1/2 - 1 Mile
Higher**

FED USGS USGS40001010285

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 164	Type:	Well
Description:	Not Reported	HUC:	02040203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	1906	Well Depth:	600
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:	1942-02-19
Feet below surface:	115.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**F25
WSW
1/2 - 1 Mile
Lower**

PA WELLS PASI60000408959

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	52	Elevation:	0
Site Type:	W	Depth to Bedrock:	9
Saltwater Zone:	0	Date Drilled:	02-OCT-12
Local Permit #:	CCHD #M008270		

Owner ID:	7472476	Ownership Date:	Not Reported
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Estimated	Discharge:	2.
Static Water Level (ft):	38.	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

F26
WSW
1/2 - 1 Mile
Lower

PA WELLS PASI60000408957

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	52	Elevation:	0
Site Type:	W	Depth to Bedrock:	7
Saltwater Zone:	0	Date Drilled:	02-OCT-12
Local Permit #:	CCHD #M007213		

Owner ID:	7472474	Ownership Date:	Not Reported
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Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Estimated	Discharge:	1.
Static Water Level (ft):	45.	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 #1

H27
SSW
1/2 - 1 Mile
Lower

PA WELLS PASI60000392392

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:	30-DEC-09
Local Permit #:	Not Reported		

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:	12.
Static Water Level (ft):	30.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN	Drawdown (ft):	88.
Production Water Level (ft):	Not Reported	Test Length (min):	2.
Yield (gmp/ft):	Not Reported	Date Discharged:	01-JAN-67
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

I30
WSW
1/2 - 1 Mile
Lower

PA WELLS PASI60000398296

Database: Pennsylvania Groundwater Information System			
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	100	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	26-OCT-10
Local Permit #:	Not Reported		
Owner ID:	7446973	Ownership Date:	Not Reported
Site Use:	B	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

Comments: Well Was Backfilled From 100 Ft To Ground Level Using Bentonite.

H31
SSW
1/2 - 1 Mile
Lower

PA WELLS PASI60000392391

Database: Pennsylvania Groundwater Information System			
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	41	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	30-DEC-09
Local Permit #:	Not Reported		
Owner ID:	7448623	Ownership Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site Use: K Date of Use: Not Reported
 Water Use: Not Reported Notes: Not Reported

Comments: The Well Is Located At The Wawa At The Corner Of Rt 23 And Rt 113 In Phoenixville, Pa.

J32
SSW
 1/2 - 1 Mile
 Lower

FED USGS USGS40001010053

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 1085	Type:	Well
Description:	Not Reported	HUC:	02040203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19570129	Well Depth:	135.5
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

K33
SSW
 1/2 - 1 Mile
 Lower

FED USGS USGS40001010016

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 2464	Type:	Well
Description:	Not Reported	HUC:	02040203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton 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		

J34
SSW
 1/2 - 1 Mile
 Lower

PA WELLS PASI60000011908

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	11910	Local Well #:	CH 1085
Aquifer:	STOCKTON FORMATION	Topography:	Local Depression
Well Depth:	135	Elevation:	120
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	29-JAN-57
Local Permit #:	Not Reported		

Owner ID: 11972 Ownership Date: 25-NOV-85

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Date:	29-JAN-57	Driller:	0188
Source of Construction Data:	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:	SANDSTONE AND SHALE	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

K35
SSW
1/2 - 1 Mile
Lower

PA WELLS PASI60000012914

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	12916	Local Well #:	CH 2464
Aquifer:	STOCKTON FORMATION	Topography:	Flat Surface
Well Depth:	0	Elevation:	120
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	13020	Ownership Date:	17-JUN-82
Lithology:	SANDSTONE AND SHALE	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

I36
WSW
1/2 - 1 Mile
Lower

PA WELLS PASI600000398295

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	100	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	26-OCT-10
Local Permit #:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner ID:	7463956	Ownership Date:	Not Reported
Site Use:	B	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported
Comments:	Well Was Backfilled From 100 Ft To Ground Level Using Bentonite.		

L37
West
1/2 - 1 Mile
Lower

PA WELLS PASI60000218607

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	219169	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:	218139	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:	1150732	Assigned By:	PA DEP PWSID
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Comments:	Population Served = 25
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M38
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40001009983

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center	Type:	Well
Monitor Location:	CH 165	HUC:	02040203
Description:	Not Reported	Drainage Area Units:	Not Reported
Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Contrib Drainage Area:	Not Reported		
Aquifer:	Early Mesozoic basin aquifers	Aquifer Type:	Not Reported
Formation Type:	Stockton Formation	Well Depth:	400
Construction Date:	1943	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:	1950-09-25
Feet below surface:	70.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**M39
SSE
1/2 - 1 Mile
Lower**

PA WELLS PASI60000012913

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	12915	Local Well #:	CH 165
Aquifer:	STOCKTON FORMATION	Topography:	Hilltop
Well Depth:	400	Elevation:	190
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-43
Local Permit #:	Not Reported		
Owner ID:	13019	Ownership Date:	01-JAN-43
Construction Date:	01-JAN-43	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:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	100.
Static Water Level (ft):	70.	Agency Providing Data:	Not Reported
WL Measurement Method:	Not Reported	Production Water Level (ft):	80.
Drawdown (ft):	10.	Yield (gmp/ft):	10.
Test Length (min):	Not Reported	Site Status at Test:	Not Reported
Date Discharged:	25-SEP-50		
Lithology:	SANDSTONE AND SHALE	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

**N40
West
1/2 - 1 Mile
Lower**

PA WELLS PASI600000102926

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	103030	Local Well #:	5672N
Aquifer:	STOCKTON FORMATION	Topography:	Hillside
Well Depth:	125	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	20-MAY-76

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local Permit #:	Not Reported		
Owner ID:	102316	Ownership Date:	Not Reported
Construction Date:	20-MAY-76	Driller:	1290
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):	Not Reported
Discharge:	10.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	Not Reported
Production Water Level (ft):	Not Reported	Test Length (min):	Not Reported
Yield (gmp/ft):	Not Reported	Date Discharged:	20-MAY-76
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=Red Sh; C Meth=Rotary		

**N41
West
1/2 - 1 Mile
Lower**

PA WELLS PASI60000214758

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	215093	Local Well #:	Not Reported
Aquifer:	UNKNOWN	Topography:	Not Reported
Well Depth:	100	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	214063	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		
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Other Identifier:	1150653	Assigned By:	PA DEP PWSID

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments: Population Served = 50

M42
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40001009982

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 166	Type:	Well
Description:	Not Reported	HUC:	02040203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	250
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

M43
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI60000011896

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	11898	Local Well #:	CH 166
Aquifer:	STOCKTON FORMATION	Topography:	Hillside
Well Depth:	250	Elevation:	150
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	11960	Ownership Date:	01-JAN-43
Lithology:	SANDSTONE AND SHALE	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

L44
West
1/2 - 1 Mile
Lower

PA WELLS PASI600000218557

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	219118	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:	218088	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:	1150461	Assigned By:	PA DEP PWSID
Comments:	Population Served = 96		

**O45
NNW
1/2 - 1 Mile
Lower**

PA WELLS PASI60000012019

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	12021	Local Well #:	CH 3162
Aquifer:	LOCKATONG FORMATION	Topography:	Hillside
Well Depth:	150	Elevation:	160
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-72
Local Permit #:	Not Reported		
Owner ID:	12084	Ownership Date:	01-JAN-72
Construction Date:	01-JAN-72	Driller:	1
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:	Pumped	Data Source:	WELL OWNER
Discharge Measurement Method:	Not Reported	Discharge:	30.
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:	01-JAN-72		
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	48.8	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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Test Length (min):	Not Reported	SiteStatus at Test:	STATIC WATER LEVEL
Date Discharged:	18-JAN-87		
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

**O46
NNW
1/2 - 1 Mile
Lower**

FED USGS USGS40001010678

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 3162	Type:	Well
Description:	Not Reported	HUC:	02040203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	1972	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:	1987-01-18
Feet below surface:	48.8	Feet to sea level:	Not Reported
Note:	Not Reported		

**47
NW
1/2 - 1 Mile
Higher**

PA WELLS PASI60000218615

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	219177	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:	218147	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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Other Identifier:	1150847	Assigned By:	PA DEP PWSID
Comments:	Population Served = 25		

P48
SE
1/2 - 1 Mile
Lower

FED USGS USGS40001010086

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 176	Type:	Well
Description:	Not Reported	HUC:	02040203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19560831	Well Depth:	410
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:	1956-08-31
Feet below surface:	12.00	Feet to sea level:	Not Reported
Note:	Not Reported		

P49
SE
1/2 - 1 Mile
Lower

PA WELLS PASI60000011913

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	11915	Local Well #:	CH 176
Aquifer:	STOCKTON FORMATION	Topography:	Valley Flat
Well Depth:	410	Elevation:	100
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	31-AUG-56
Local Permit #:	Not Reported		
Owner ID:	11977	Ownership Date:	31-AUG-56
Construction Date:	31-AUG-56	Driller:	0561
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Other/Unknown
How Finished:	Entire Length Cased, Open End		
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:	350.
Static Water Level (ft):	12.	Agency Providing Data:	Not Reported
WL Measurement Method:	Not Reported	Production Water Level (ft):	150.
Drawdown (ft):	138.	Yield (gmp/ft):	2.5

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Test Length (min):	24.	Site Status at Test:	Not Reported
Date Discharged:	31-AUG-56		
Lithology:	SANDSTONE AND SHALE	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

50
West
1/2 - 1 Mile
Lower

PA WELLS PASI60000218590

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	219152	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:	218122	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:	1150673	Assigned By:	PA DEP PWSID
Comments:	Population Served = 40		

Q51
SE
1/2 - 1 Mile
Lower

FED USGS USGS40001010094

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 140	Type:	Well
Description:	Not Reported	HUC:	02040203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer:	Early Mesozoic basin aquifers	Aquifer Type:	Not Reported
Formation Type:	Not Reported	Well Depth:	300
Construction Date:	1920	Well Hole Depth:	Not Reported
Well Depth Units:	ft		
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1950-10-01
Feet below surface:	15.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**Q52
SE
1/2 - 1 Mile
Lower**

PA WELLS PASI60000011915

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	11917	Local Well #:	CH 140
Aquifer:	STOCKTON FORMATION	Topography:	Valley Flat
Well Depth:	300	Elevation:	110
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-20
Local Permit #:	Not Reported		
Owner ID:	11979	Ownership Date:	01-JAN-20
Construction Date:	01-JAN-20	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:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	20.
Static Water Level (ft):	15.	Agency Providing Data:	Not Reported
WL Measurement Method:	Not Reported	Production Water Level (ft):	17.
Drawdown (ft):	2.	Yield (gmp/ft):	10.
Test Length (min):	Not Reported	SiteStatus at Test:	Not Reported
Date Discharged:	01-OCT-50		
Lithology:	SANDSTONE AND SHALE	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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

R53
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI60000404204

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	20	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	13-JUL-10
Local Permit #:	Not Reported		

Owner ID:	7465360	Ownership Date:	Not Reported
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Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

Comments: The Site Is At Oehlert Bros. Inc Peoperty: 505 Hall Street, Note: Number Of Bags Used For Abandonment (3 1/2)

R54
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI60000394420

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	20	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	10-MAY-10
Local Permit #:	M008634		

Owner ID:	7446305	Ownership Date:	Not Reported
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Site Use:	K	Date of Use:	Not Reported
Water Use:	OTHER	Notes:	Not Reported

Comments: The Site Is Located At 505 Hall Street, Phoenixville, Pa

R55
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI60000394418

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	20	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	10-MAY-10

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local Permit #: M008632

Owner ID: 7454750 Ownership Date: Not Reported

Site Use: K Date of Use: Not Reported
 Water Use: OTHER Notes: Not Reported

Comments: The Site Is Located At 505 Hall Street, Phoenixville, Pa

**R56
SSE
1/2 - 1 Mile
Lower**

PA WELLS PASI60000395108

Database: Pennsylvania Groundwater Information System
 GWIS ID: 0 Local Well #: Not Reported
 Aquifer: Not Reported Topography: Not Reported
 Well Depth: 25 Elevation: 0
 Site Type: W Depth to Bedrock: 0
 Saltwater Zone: 0 Date Drilled: 10-MAY-10
 Local Permit #: M008635

Owner ID: 7461363 Ownership Date: Not Reported

Site Use: K Date of Use: Not Reported
 Water Use: OTHER Notes: Not Reported

Comments: The Site Is Located At 505 Hall Street, Phoenixville, Pa

**R57
SSE
1/2 - 1 Mile
Lower**

PA WELLS PASI60000394419

Database: Pennsylvania Groundwater Information System
 GWIS ID: 0 Local Well #: Not Reported
 Aquifer: Not Reported Topography: Not Reported
 Well Depth: 20 Elevation: 0
 Site Type: W Depth to Bedrock: 0
 Saltwater Zone: 0 Date Drilled: 10-MAY-10
 Local Permit #: M008633

Owner ID: 7462920 Ownership Date: Not Reported

Site Use: K Date of Use: Not Reported
 Water Use: OTHER Notes: Not Reported

Comments: The Site Is Located At 505 Hall Street, Phoenixville, Pa

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

S58
West
1/2 - 1 Mile
Higher

FED USGS USGS40001010408

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 1595	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:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Not Reported
Construction Date:	19710816	Well Depth:	128
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:	1974-05-24
Feet below surface:	34.00	Feet to sea level:	Not Reported
Note:	Not Reported		

S59
West
1/2 - 1 Mile
Higher

PA WELLS PASI60000012920

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	12922	Local Well #:	CH 1595
Aquifer:	STOCKTON FORMATION	Topography:	Hillside
Well Depth:	128	Elevation:	230
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	16-AUG-71
Local Permit #:	Not Reported		

Owner ID:	13027	Ownership Date:	16-AUG-71
-----------	-------	-----------------	-----------

Construction Date:	16-AUG-71	Driller:	1014
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:	6.
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:	16-AUG-71		

Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	34.	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:	24-MAY-74		
Lithology:	SHALE	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:	1139	Assigned By:	PAGS

**R60
SSE
1/2 - 1 Mile
Lower**

FED USGS USGS40001009931

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 158	Type:	Well
Description:	Not Reported	HUC:	02040203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Not Reported
Construction Date:	1930	Well Depth:	60
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:	1956-04-10
Feet below surface:	30.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**R61
SSE
1/2 - 1 Mile
Lower**

PA WELLS PASI60000011890

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	11892	Local Well #:	CH 158
Aquifer:	STOCKTON FORMATION	Topography:	Valley Flat
Well Depth:	60	Elevation:	130
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-30
Local Permit #:	Not Reported		
Owner ID:	11954	Ownership Date:	01-JAN-30
Construction Date:	01-JAN-30	Driller:	0561

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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:	30.
Static Water Level (ft):	30.	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:	10-APR-56		
Lithology:	SANDSTONE AND SHALE	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

T62
SE
1/2 - 1 Mile
Lower

FED USGS USGS40001010103

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 151	Type:	Well
Description:	Not Reported	HUC:	02040203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Not Reported
Construction Date:	19520513	Well Depth:	785
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:	1956-04-10
Feet below surface:	0.00	Feet to sea level:	Not Reported
Note:	Not Reported		

T63
SE
1/2 - 1 Mile
Lower

PA WELLS PASI60000012916

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	12918	Local Well #:	CH 151
Aquifer:	STOCKTON FORMATION	Topography:	Valley Flat
Well Depth:	785	Elevation:	90
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	13-MAY-52

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local Permit #:	Not Reported		
Owner ID:	13022	Ownership Date:	13-MAY-52
Construction Date:	13-MAY-52	Driller:	0561
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Other/Unknown
How Finished:	Entire Length Cased, Open End	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:	220.
Static Water Level (ft):	0.	Agency Providing Data:	Not Reported
WL Measurement Method:	Not Reported	Production Water Level (ft):	Not Reported
Drawdown (ft):	150.	Yield (gmp/ft):	1.5
Test Length (min):	6.	SiteStatus at Test:	FLOWING, HEAD NOT MEASURED
Date Discharged:	10-APR-56		
Lithology:	SANDSTONE AND SHALE	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

R64
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40001009930

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 154	Type:	Well
Description:	Not Reported	HUC:	02040203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Not Reported
Construction Date:	19530831	Well Depth:	902
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:	1953-10-25
Feet below surface:	12.00	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

R65
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI60000012912

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	12914	Local Well #:	CH 154
Aquifer:	STOCKTON FORMATION	Topography:	Valley Flat
Well Depth:	902	Elevation:	100
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	31-AUG-53
Local Permit #:	Not Reported		
Owner ID:	13018	Ownership Date:	31-AUG-53
Construction Date:	31-AUG-53	Driller:	0561
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:	650.
Static Water Level (ft):	12.	Agency Providing Data:	Other/Unknown/Unspecified
WL Measurement Method:	UNKNOWN	Production Water Level (ft):	113.
Drawdown (ft):	101.	Yield (gmp/ft):	6.44
Test Length (min):	24.	SiteStatus at Test:	Not Reported
Date Discharged:	25-OCT-53		
Lithology:	SANDSTONE AND SHALE	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

U66
SE
1/2 - 1 Mile
Lower

FED USGS USGS40001010038

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 316	Type:	Well
Description:	Not Reported	HUC:	02040203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	193805	Well Depth:	250

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

**U67
SE
1/2 - 1 Mile
Lower**

PA WELLS PASI60000011905

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	11907	Local Well #:	CH 316
Aquifer:	STOCKTON FORMATION	Topography:	Hillside
Well Depth:	250	Elevation:	100
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-MAY-38
Local Permit #:	Not Reported		
Owner ID:	11969	Ownership Date:	01-JAN-38
Construction Date:	01-MAY-38	Driller:	0561
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:	85.
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:	01-MAY-38		
Lithology:	SANDSTONE AND SHALE	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

**V68
SSE
1/2 - 1 Mile
Lower**

FED USGS USGS40001009916

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 157	Type:	Well
Description:	Not Reported	HUC:	02040203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer:	Early Mesozoic basin aquifers	Aquifer Type:	Not Reported
Formation Type:	Stockton Formation	Well Depth:	180
Construction Date:	1938	Well Hole Depth:	Not Reported
Well Depth Units:	ft		
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1956-04-10
Feet below surface:	90.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**V69
SSE
1/2 - 1 Mile
Lower**

PA WELLS PASI60000012911

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	12913	Local Well #:	CH 157
Aquifer:	STOCKTON FORMATION	Topography:	Valley Flat
Well Depth:	180	Elevation:	130
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-38
Local Permit #:	Not Reported		
Owner ID:	13017	Ownership Date:	01-JAN-38
Construction Date:	01-JAN-38	Driller:	0561
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:	120.
Static Water Level (ft):	90.	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:	10-APR-56		
Lithology:	SANDSTONE AND SHALE	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 RADON

AREA RADON INFORMATION

State Database: PA Radon

Radon Test Results

Zipcode	Num Tests	Min pCi/L	Max pCi/L	Avg pCi/L
19460	5998	0	184	5.3

EPA Region 3 Statistical Summary Readings for Zip Code: 19460

Number of sites tested: 1294.

Maximum Radon Level: 810.1 pCi/L.

Minimum Radon Level: 0.2 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
913 (70.56%)	231 (17.85%)	93 (7.19%)	29 (2.24%)	24 (1.85%)	4 (0.31%)

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^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation 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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Supporting Documentation

Property Detail Report

For Property Located At :

916 TOWNSHIP LINE RD, PHOENIXVILLE, PA 19460-3028



RealQuest

Owner Information

Owner Name: **FRANKLIN PHOENIXVILLE**
Mailing Address: **101 BRIDGE ST, PHOENIXVILLE PA 19460-3401 C008**
Vesting Codes: // LP

Location Information

Legal Description: **ES OF TOWNSHIP LINE RD LOT & DWG**
County: CHESTER, PA APN: 15-004-0048.0000
Census Tract / Block: 3006.00 / 4 Alternate APN:
Township-Range-Sect: PHOENIXVILLE
Legal Book/Page: Map Reference: 15-B3 / 15-04
Legal Lot: 2 Tract #:
Legal Block: School District: 08
Market Area: 15-B3 School District Name: PHOENIXVILLE
Neighbor Code: 1502300 Munic/Township: PHOENIXVILLE BORO

Owner Transfer Information

Recording/Sale Date: / Deed Type:
Sale Price: 1st Mtg Document #:
Document #:

Last Market Sale Information

Recording/Sale Date: 12/15/2021 / 12/02/2021 1st Mtg Amount/Type: /
Sale Price: \$460,000 1st Mtg Int. Rate/Type: /
Sale Type: 1st Mtg Document #:
Document #: 10763-1137 2nd Mtg Amount/Type: /
Deed Type: DEED (REG) 2nd Mtg Int. Rate/Type: /
Transfer Document #: Price Per SqFt: \$349.54
New Construction: Multi/Split Sale:
Title Company: TITLE SERVICE
Lender:
Seller Name: BONIFACIO MAURICIO JR

Prior Sale Information

Prior Rec/Sale Date: 04/04/2019 / 03/29/2019 Prior Lender: FIRSTRUST BK
Prior Sale Price: \$249,900 Prior 1st Mtg Amt/Type: \$245,373 / CONV
Prior Doc Number: 9904-1150 Prior 1st Mtg Rate/Type: /
Prior Deed Type: DEED (REG)

Property Characteristics

Gross Area: 1,316 Parking Type: Construction:
Living Area: 1,316 Garage Area: Heat Type: HOT WATER
Tot Adj Area: Garage Capacity: Exterior wall: ALUMINUM/VINYL
Above Grade: Parking Spaces: Porch Type:
Total Rooms: 6 Basement Area: Patio Type:
Bedrooms: 3 Finish Bsmnt Area: Pool:
Bath(F/H): 2 / Basement Type: FULL Air Cond: CENTRAL
Year Built / Eff: 1955 / 2018 Roof Type: Style: RANCH
Fireplace: / Foundation: Quality:
of Stories: 1 Roof Material: Condition:
Other Improvements:

Site Information

Zoning: MR Acres: 0.57 County Use: SINGLE FAMILY/CABIN (R-10)
Lot Area: 25,000 Lot Width/Depth: x State Use:
Land Use: SFR Res/Comm Units: / Water Type: INDIVIDUAL
Site Influence: Sewer Type: SEPTIC TANK

Tax Information

Total Value: \$96,320
Land Value: \$28,340
Improvement Value: \$67,980
Total Taxable Value:

Assessed Year: 2024
Improved %: 71%
Tax Year: 2024

Property Tax: \$4,421.02
Tax Area: 15
Tax Exemption:

Property Detail Report

For Property Located At :

914 TOWNSHIP LINE RD, PHOENIXVILLE, PA 19460-3028



RealQuest

Owner Information

Owner Name: **ODESSA REAL ESTATE INVESTMENTS INC**
Mailing Address: **1890 ROSE COTTAGE LN, MALVERN PA 19355-9770 R003**
Vesting Codes: **//**

Location Information

Legal Description: **ES OF TOWNSHIP LINE RD LOT DWG & GAR**
County: **CHESTER, PA** APN: **15-004-0047.0000**
Census Tract / Block: **3006.00 / 4** Alternate APN:
Township-Range-Sect: Subdivision:
Legal Book/Page: **15-B3 / 15-04** Map Reference:
Legal Lot: **08** Tract #:
Legal Block: **PHOENIXVILLE** School District:
Market Area: **15-B3** School District Name:
Neighbor Code: **1502300** Munic/Township: **PHOENIXVILLE BORO**

Owner Transfer Information

Recording/Sale Date: **/** Deed Type:
Sale Price: **1st Mtg Document #:**
Document #:

Last Market Sale Information

Recording/Sale Date: **10/24/2022 / 10/17/2022** 1st Mtg Amount/Type: **/**
Sale Price: **\$443,000** 1st Mtg Int. Rate/Type: **/**
Sale Type: 1st Mtg Document #: **/**
Document #: **10966-1099** 2nd Mtg Amount/Type: **/**
Deed Type: **DEED (REG)** 2nd Mtg Int. Rate/Type: **/**
Transfer Document #: **Price Per SqFt: \$321.95**
New Construction: **Multi/Split Sale:**
Title Company: **TITLE SERVICE**
Lender:
Seller Name: **SAVILLE WENDOLYN K & R BRYIAN JR**

Prior Sale Information

Prior Rec/Sale Date: **/ 04/1984** Prior Lender:
Prior Sale Price: **\$63,000** Prior 1st Mtg Amt/Type: **/**
Prior Doc Number: **Prior 1st Mtg Rate/Type: /**
Prior Deed Type: **DEED (REG)**

Property Characteristics

Gross Area: **1,576** Parking Type: **ATTACHED GARAGE** Construction:
Living Area: **1,376** Garage Area: **200** Heat Type: **HOT WATER**
Tot Adj Area: Garage Capacity: Exterior wall: **STUCCO**
Above Grade: Parking Spaces: Porch Type:
Total Rooms: **5** Basement Area: Patio Type:
Bedrooms: **2** Finish Bsmnt Area: Pool:
Bath(F/H): **1 /** Basement Type: **FULL** Air Cond:
Year Built / Eff: **1946 /** Roof Type: Style: **CAPE COD**
Fireplace: **/** Foundation: Quality:
of Stories: **1.5** Roof Material: Condition:
Other Improvements:

Site Information

Zoning: **MR** Acres: **0.57** County Use: **SINGLE FAMILY/CABIN (R-10)**
Lot Area: **25,000** Lot Width/Depth: **x** State Use:
Land Use: **SFR** Res/Comm Units: **/** Water Type: **INDIVIDUAL**
Site Influence: Sewer Type: **SEPTIC TANK**

Tax Information

Total Value: \$94,710
Land Value: \$28,340
Improvement Value: \$66,370
Total Taxable Value:

Assessed Year: 2024
Improved %: 70%
Tax Year: 2024

Property Tax: \$4,347.13
Tax Area: 15
Tax Exemption:

Property Detail Report

For Property Located At :

910 TOWNSHIP LINE RD, PHOENIXVILLE, PA 19460-3028



RealQuest

Owner Information

Owner Name: **FRANKLIN PHOENIXVILLE**
Mailing Address: **101 BRIDGE ST, PHOENIXVILLE PA 19460-3401 C008**
Vesting Codes: // LP

Location Information

Legal Description: **ES OF TOWNSHIP LINE RD LOT & DWG**
County: CHESTER, PA APN: 15-004-0046.0000
Census Tract / Block: 3006.00 / 4 Alternate APN:
Township-Range-Sect: Subdivision: BOROUGH/PHEONIXVILLE
Legal Book/Page: Map Reference: 15-B3 / 15-04
Legal Lot: 4 Tract #:
Legal Block: School District: 08
Market Area: 15-B3 School District Name: PHOENIXVILLE
Neighbor Code: 1502300 Munic/Township: PHOENIXVILLE BORO

Owner Transfer Information

Recording/Sale Date: / Deed Type:
Sale Price: 1st Mtg Document #:
Document #:

Last Market Sale Information

Recording/Sale Date: 02/17/2022 / 02/15/2022 1st Mtg Amount/Type: /
Sale Price: \$345,000 1st Mtg Int. Rate/Type: /
Sale Type: 1st Mtg Document #:
Document #: 10815-922 2nd Mtg Amount/Type: /
Deed Type: DEED (REG) 2nd Mtg Int. Rate/Type: /
Transfer Document #: Price Per SqFt: \$295.38
New Construction: Multi/Split Sale:
Title Company: TITLE SERVICE
Lender:
Seller Name: PLACE KYLE A & JACQUELINE M

Prior Sale Information

Prior Rec/Sale Date: 07/18/2016 / 07/11/2016 Prior Lender: DIAMOND FCU
Prior Sale Price: \$185,000 Prior 1st Mtg Amt/Type: \$148,000 / CONV
Prior Doc Number: 9350-1318 Prior 1st Mtg Rate/Type: /
Prior Deed Type: DEED (REG)

Property Characteristics

Gross Area: 1,168 Parking Type: Construction:
Living Area: 1,168 Garage Area: Heat Type: HOT WATER
Tot Adj Area: Garage Capacity: Exterior wall: STUCCO
Above Grade: Parking Spaces: Porch Type:
Total Rooms: 5 Basement Area: Patio Type:
Bedrooms: 3 Finish Bsmnt Area: Pool:
Bath(F/H): 1 / Basement Type: FULL Air Cond: CENTRAL
Year Built / Eff: 1956 / 2020 Roof Type: Style: RANCH
Fireplace: Y / 1 Foundation: Quality:
of Stories: 1 Roof Material: Condition:
Other Improvements:

Site Information

Zoning: MR Acres: 0.57 County Use: SINGLE FAMILY/CABIN (R-10)
Lot Area: 25,000 Lot Width/Depth: x State Use:
Land Use: SFR Res/Comm Units: / Water Type: INDIVIDUAL
Site Influence: Sewer Type: SEPTIC TANK

Tax Information

Total Value: \$101,140
Land Value: \$28,340
Improvement Value: \$72,800
Total Taxable Value:

Assessed Year: 2024
Improved %: 72%
Tax Year: 2024

Property Tax: \$4,642.25
Tax Area: 15
Tax Exemption:

Property Detail Report

For Property Located At :

908 TOWNSHIP LINE RD, PHOENIXVILLE, PA 19460-3028



RealQuest

Owner Information

Owner Name: **FRANKLIN PHOENIXVILLE**
Mailing Address: **101 BRIDGE ST, PHOENIXVILLE PA 19460-3401 C008**
Vesting Codes: // LP

Location Information

Legal Description: **ES OF TOWNSHIP LINE RD LOT & DWG**
County: CHESTER, PA APN: 15-004-0045.0000
Census Tract / Block: 3006.00 / 4 Alternate APN:
Township-Range-Sect: Subdivision: GEORGE ROBISH
Legal Book/Page: Map Reference: 15-B3 / 15-04
Legal Lot: 5 Tract #:
Legal Block: School District: 08
Market Area: 15-B3 School District Name: PHOENIXVILLE
Neighbor Code: 1502300 Munic/Township: PHOENIXVILLE BORO

Owner Transfer Information

Recording/Sale Date: / Deed Type:
Sale Price: 1st Mtg Document #:
Document #:

Last Market Sale Information

Recording/Sale Date: 01/26/2022 / 01/21/2022 1st Mtg Amount/Type: /
Sale Price: \$400,000 1st Mtg Int. Rate/Type: /
Sale Type: 1st Mtg Document #:
Document #: 10797-949 2nd Mtg Amount/Type: /
Deed Type: DEED (REG) 2nd Mtg Int. Rate/Type: /
Transfer Document #: Price Per SqFt: \$287.98
New Construction: Multi/Split Sale:
Title Company: OTHER
Lender:
Seller Name: NGO DIEN TRANG N

Prior Sale Information

Prior Rec/Sale Date: 01/03/2012 / 11/30/2011 Prior Lender: PRIMARY RESID'L MTG
Prior Sale Price: \$205,100 Prior 1st Mtg Amt/Type: \$199,803 / FHA
Prior Doc Number: 8328-370 Prior 1st Mtg Rate/Type: /
Prior Deed Type: DEED (REG)

Property Characteristics

Gross Area: 1,389 Parking Type: Construction:
Living Area: 1,389 Garage Area: Heat Type: HOT WATER
Tot Adj Area: Garage Capacity: Exterior wall: STUCCO
Above Grade: Parking Spaces: Porch Type:
Total Rooms: 6 Basement Area: Patio Type:
Bedrooms: 2 Finish Bsmnt Area: Pool:
Bath(F/H): 1 / 1 Basement Type: PARTIAL Air Cond: CENTRAL
Year Built / Eff: 1900 / 2006 Roof Type: Style: BUNGALOW
Fireplace: / Foundation: Quality:
of Stories: 1 Roof Material: Condition:
Other Improvements:

Site Information

Zoning: MR Acres: 0.57 County Use: SINGLE FAMILY/CABIN (R-10)
Lot Area: 25,000 Lot Width/Depth: x State Use:
Land Use: SFR Res/Comm Units: / Water Type: INDIVIDUAL
Site Influence: Sewer Type: SEPTIC TANK

Tax Information

Total Value: \$67,150

Land Value: \$28,340

Improvement Value: \$38,810

Total Taxable Value:

Assessed Year: 2024

Improved %: 58%

Tax Year: 2024

Property Tax: \$3,082.14

Tax Area: 15

Tax Exemption:

Property Detail Report

For Property Located At :

906 TOWNSHIP LINE RD, PHOENIXVILLE, PA 19460-3028



RealQuest

Owner Information

Owner Name: **ODESSA REAL ESTATE INVESTMENTS INC**
Mailing Address: **PO BOX 228, PHOENIXVILLE PA 19460-0228 B004**
Vesting Codes: **//**

Location Information

Legal Description: **ES OF TOWNSHIP LINE RD LOT DWG & GAR**
County: **CHESTER, PA** APN: **15-004-0044.0000**
Census Tract / Block: **3006.00 / 4** Alternate APN:
Township-Range-Sect: Subdivision:
Legal Book/Page: **15-B3 / 15-04** Map Reference:
Legal Lot: Tract #:
Legal Block: School District: **08**
Market Area: **15-B3** School District Name: **PHOENIXVILLE**
Neighbor Code: **1502300** Munic/Township: **PHOENIXVILLE BORO**

Owner Transfer Information

Recording/Sale Date: **/** Deed Type:
Sale Price: 1st Mtg Document #:
Document #:

Last Market Sale Information

Recording/Sale Date: **03/08/2023 / 02/24/2023** 1st Mtg Amount/Type: **/**
Sale Price: **\$340,000** 1st Mtg Int. Rate/Type: **/**
Sale Type: 1st Mtg Document #: **/**
Document #: **11021-1697** 2nd Mtg Amount/Type: **/**
Deed Type: **DEED (REG)** 2nd Mtg Int. Rate/Type: **/**
Transfer Document #: Price Per SqFt: **\$198.37**
New Construction: Multi/Split Sale:
Title Company: **TITLE SERVICE**
Lender:
Seller Name: **GROHOSKI BARBARA J**

Prior Sale Information

Prior Rec/Sale Date: **01/01/1989 /** Prior Lender:
Prior Sale Price: **\$130,000** Prior 1st Mtg Amt/Type: **\$66,600 / CONV**
Prior Doc Number: **1410-66** Prior 1st Mtg Rate/Type: **/ FIXED RATE LOAN**
Prior Deed Type: **DEED (REG)**

Property Characteristics

Gross Area: **1,714** Parking Type: **DETACHED** Construction:
GARAGE
Living Area: **1,714** Garage Area: **294** Heat Type: **WARM AIR**
Tot Adj Area: Garage Capacity: Exterior wall: **STUCCO**
Above Grade: Parking Spaces: Porch Type:
Total Rooms: **7** Basement Area: Patio Type:
Bedrooms: **3** Finish Bsmnt Area: Pool:
Bath(F/H): **1 /** Basement Type: **FULL** Air Cond:
Year Built / Eff: **1955 /** Roof Type: Style: **CAPE COD**
Fireplace: **Y / 1** Foundation: Quality:
of Stories: **1** Roof Material: Condition:
Other Improvements:

Site Information

Zoning:	MR	Acres:	0.57	County Use:	SINGLE FAMILY/CABIN (R-10)
Lot Area:	25,000	Lot Width/Depth:	x	State Use:	
Land Use:	SFR	Res/Comm Units:	/	Water Type:	INDIVIDUAL
Site Influence:				Sewer Type:	SEPTIC TANK

Tax Information

Total Value:	\$103,330	Assessed Year:	2024	Property Tax:	\$4,742.77
Land Value:	\$28,340	Improved %:	73%	Tax Area:	15
Improvement Value:	\$74,990	Tax Year:	2024	Tax Exemption:	
Total Taxable Value:					

Site Photographs



View of the 906 Township Line Road structure



View of the 908 Township Line Road structure



View of the 908 Township Line Road fill and vent pipe



View of the 906 Township Line Road cistern



View of the 906 Township Line Road heating oil AST



View of the 908 Township Line Road structure



View of the 908 Township Line Road heating oil AST



View of the 910 Township Line Road structure



View of the 910 Township Line Road fill and vent pipe



View of the 910 Township Line Road septic



View of the 910 Township Line Road hazardous substances within a shed



View of the 914 Township Line Road structure



View of the 914 Township Line Road fill and vent pipe



View of the 914 Township Line Road detached garage



View of the 914 Township Line Road shed



View of the 914 Township Line Road property



View of the 916 Township Line Road structure



View of the 916 Township Line Road septic system



View of discarded trash at the 916
Township Line Road property

Qualifications

**PROJECT ROLE**

Senior Project Scientist II

EDUCATION

Southern New Hampshire University - Bachelor of Science in Environmental Sciences

The School of Geospatial-Intelligence – National Geospatial Intelligence Agency – Fort Belvoir, VA
Graduated with Distinguished Honors, December 2007

The Swamp School – Certified Wetland Delineator, June 2013

LICENSES

PA, WV, and NY Licensed Asbestos Building Inspector

Maryland Forest Conservation Qualified Professional

Wetland Professional In Training (WPIT)

PROFESSIONAL MEMBERSHIPS

SWS - Society of Wetland Scientists

York County Rails to Trails Planning Committee Member

SUMMARY OF QUALIFICATIONS

Joseph Kempf has over 10 years of experience in natural resource and site assessment projects, and 15 years of experience in GIS applications. He has expertise in the areas of wetland delineation, environmental permitting, phase management, budgeting and proposals, client-care/business development, asbestos inspection, infiltration testing, Phase I Environmental Site Assessments, Phase II Site Investigations, NEPA review, and GIS services. As Senior Project Scientist II at BL Companies, Joseph's responsibilities include wetland delineations, Nationwide Permits, General and Joint Permits under the Chapter 105 program, phase management and client-care, GIS database administrator for the Mid-Atlantic region, map production, GIS data manipulation and analysis, linear project route development, point location utilizing Trimble GPS units, asbestos and lead-based paint building inspections, infiltration testing, report writing, NEPA assessments, Phase I Environmental Assessments and Phase II Limited Site Investigations.

RELEVANT EXPERIENCE**General RFP Responses**

Receive and review RFP packages. Once reviewed, compile scopes, fees, and project schedules for various land development and, infrastructure, and energy infrastructure RFPs. Collaborate with a larger team to develop RFP response packages.

Multiple Solar Sites, Maryland and Pennsylvania

Oversee and direct natural resources team to conduct wetland delineations, Phase I and Phase II Site Assessments, Forest Stand Delineations, federal and state level threatened and endangered species consultations for multiple solar sites located throughout Maryland. Led the field team in site reconnaissance and data collection, developed associated reporting, and provided expert guidance on the suitability of the sites for solar development.

Expressway Commerce Center, Manchester, York County, Pennsylvania

Serves as the Phase Manager, Lead Delineator, and Permit Lead for the construction of approximately 1.0M square feet of warehouse space, associated parking, utility infrastructure upgrades, storm water management areas, landscape areas, and approach roadway expansion. Specific responsibilities included field delineations, state and federal coordination – including PA SHPO coordination, state and federal permitting (105/404 Joint Permit Application), mitigation planning/design, mitigation post-construction monitoring, client care, compiling scopes and fees for additional service agreements, and other phase management responsibilities. The design portion of the Project was completed in mid-2023 with the construction currently underway.

Lead-Based Paint Chips from CT Bridges - Emergency Declaration, Connecticut Department of Transportation, Various Locations, Connecticut

Serves as senior scientist for an emergency project involving the unexpected release of lead-based paint chips from bridges throughout Connecticut. Temperature fluctuations in early 2023 caused bridge components to expand and contract causing lead-based paint chips to fall onto the ground surface and waterways. Responsibilities included preparing and submitting the request for an Emergency Authorization for a RCRA Hazardous Storage Area in Colchester, CT, coordination and oversight of two remedial contractors, waste characterization sampling and disposal activities, and daily reporting.

Utility Pipeline Crossing, Brockton, Massachusetts

BL Companies provided the integration of GIS-based, GPS-based, and CAD-based data utilizing ArcMap software to develop an Environmental Plot Plan for the design and permitting of a natural gas utility line over the Salisbury River in Brockton, MA. The scope of services that BL is providing consisted of the following:

- Received and integrated non-BL GIS data, BL survey data, and design-related CAD data into an overall Environmental plot plan. This included a multitude of geoprocessing techniques within the ArcMap software.
- Provided E&S design for project on the plan.
- Incorporated local environmental buffer ordinances utilizing geoprocessing techniques.
- Prepared and plotted the data in a visually aesthetic manner for use in the local permitting process.

14601 Sweitzer Lane, Prince George's County, Maryland

Serves as the Phase Manager, and technical environmental lead, for a forest stand delineation, tree conservation plan, and invasive species management plan for a warehouse refit project. Utilizing grid assessments of 1/10th-acre sample plot analysis, data was collected documenting the dominate canopy species, subcanopy species, and understory species to provide a qualitative and quantitative analysis to determine the health of the on-site forest habitat. The data was then compiled and presented as site plans, forest management plans, and an overall forest stand delineation report. Upon completion of the forest stand delineation, a tree conservation plan that included conservation easements for both existing forest and forest natural regeneration areas was developed. As part of the management of the conservation areas, an invasive species management plan was developed and approved by the MD National Parks and Planning Commission on behalf of Prince George's County. The invasives species management plan identified the predominate invasive species and developed a four-year plan to eradicate the invasive species by manual, mechanical, and herbicide application methods. The plan preparation and certification of the forest stand delineation and tree conservation plan was completed during 2021. The forest natural species regeneration and invasive species management is on-going through September of 2024.

Walker Farms, New Castle County, Delaware

Served as the Phase Manager and technical environmental lead in conducting a natural resource assessment utilizing the New Castle County (NCC) updates to the Unified Development Code under the *New Castle County Delaware, Code of Ordinances, Chapter 40, Article 10, Environmental Standards*, "Green NCC" protocol enacted by the County Commissioners in December 2021. On-site forest habitat assessments utilizing grid assessments of 1/10th-acre sample plot analysis. Data was collected documenting the dominate canopy species, subcanopy species, and understory species to provide a qualitative and quantitative analysis to determine the health of the on-site forest habitat. Other on-site evaluations consisted of wetland and watercourse delineations, and desktop assessments of floodplains/floodways, riparian zones, steep slopes, and problematic geological formations. The data was compiled and presented as site plans and technical reports. BL Companies completed plan and report preparation in early 2022 with the information submitted to New Castle County for regulatory clearance.

Forest Stand Delineations and Assessments, Multiple Projects, Limerick Township, Pennsylvania

Served as the Phase Manager and technical environmental lead in conducting forest stand delineations at multiple sties throughout Limerick Township, Pennsylvania. Utilizing local ordinances, forests were identified and delineated on-site with sub-meter Trimble TDC150 technology. A combination of grid assessments of 1/10th-acre sample plot analysis, and individual tree surveys were implanted in the field to collect the necessary data. Data collected included the dominate canopy species, subcanopy species, and understory species to provide a qualitative and quantitative analysis to determine the health of the on-site forest habitat, which included invasive species assessments. The data was then compiled and presented as site plans, forest management plans, and an overall forest stand delineation report. These projects were completed in 2022.

Vision Group Ventures Elizabethtown Warehouses Project, Londonderry Township, Dauphin County, Pennsylvania

Serves as the Phase Manager, Lead Delineator, and Permit Lead for the proposed construction of approximately 1.7M square feet of warehouse space, associated parking, utility infrastructure upgrades, storm water management areas, and landscape areas. Specific responsibilities included field delineations, state and federal coordination, United States Army Corps Preliminary Jurisdiction, state and federal permitting (105/404 Joint Permit Application), mitigation planning/design, mitigation construction and post-construction monitoring – including invasive species monitoring and control, client care, compiling scopes and fees for additional service agreements, and other phase management responsibilities. The project is on-going as of June 2022.

Turnpike Interchange Warehouses Project, Exton, Chester County, Pennsylvania

Serves as the Phase Manager, Lead Delineator, and Permit Lead for the proposed construction of approximately 1.93M square feet of warehouse space, associated parking, utility infrastructure upgrades, storm water management areas, landscape areas, and approach roadway expansion. Specific responsibilities included field delineations, state and federal coordination – including PA SHPO coordination, United States Army Corps Preliminary Jurisdiction, state and federal permitting (105/404 Joint Permit Application), Section 106 consultation, mitigation planning/design, mitigation post-construction monitoring, client care, compiling scopes and fees for additional service agreements, and other phase management responsibilities. The project was complete in May 2022. The design portion of the Project was completed in mid-2023 with the construction currently underway.

American Tower, Guy-Wire Anchor Rebuilds, Louisiana and Mississippi

Provide environmental expertise in NEPA assessments and wetland/watercourse identification for 76 guy-wire anchor replacement projects within Louisiana and Mississippi. As part of his project, determinations were made on whether the proposed projects would adversely affect designated wilderness areas, wildlife preserves, migratory birds, state and federal threatened and/or endangered species, floodplains, wetlands, and streams. Advanced services included official wetland and watercourse delineations/reporting, species-specific site surveys, and agency coordination.

American Tower, Various Locations, (Multiple States)

Manages and conducts NEPA assessments, Phase I Environmental Site Assessments, wetland delineations, and GIS analyst tasks for multiple new and expansion projects for telecommunication compounds/towers. In addition, manages various phases of individual projects, including preparation of proposals, budgets, change orders, and client care activities. Additional project-specific responsibilities include identifying cultural and historic concerns in and around the project sites, wetland delineations within an identified study corridor, 404/105 state and federal permitting, asbestos and lead-based paint surveys, and collection of GPS data utilizing a Trimble GPS system and client care. Utilizes ArcGIS to create visual aid maps and exhibits for permits and construction plans.

Point at Sporting Hill, Hampden Township, Cumberland County, Pennsylvania

Serves as the Phase Manager, Lead Delineator, and Permit Lead for the proposed construction of an affordable housing multi-unit apartment building, associated parking, utility infrastructure upgrades, storm water management areas, and landscape areas. Specific responsibilities included field delineations, state and federal coordination – including PA SHPO coordination, United States Army Corps Preliminary Jurisdiction, state and federal permitting (105/404 Joint Permit Application), client care, compiling scopes and fees for additional service agreements, and other phase management responsibilities. This project was completed in December 2019.

DCNR Bridge/Culvert Replacements, Various Counties, Pennsylvania

Served as wetland delineator, surveyor, GIS analyst, and environmental permit specialist for various proposed DCNR bridge replacements. Project responsibilities included wetland delineations within a study corridor of proposed disturbance. Identification and assessment of wetlands and streams, GPS data collection of wetlands and streams utilizing the Trimble GPS system. Uploaded, edited, and manipulated collected GPS data into ArcGIS; using ArcGIS, created visual aid maps and exhibits for permits and construction plans, as well as compiling necessary permits and submitting them to the appropriate agency for approval.

Land Development Due Diligence Projects, Various Counties, Various States

Served as the Phase Manager, Lead Wetland Delineator, asbestos and lead-based paint inspector, and report writer at the due diligence level for various land development projects. Provided anticipated permit requirements and project schedules based on specific project specifications and needs.

Eastern Shore Natural Gas – Longview Pipeline

Served as the lead pipeline route developer, and environmental constraints/permitting lead for an approximate 17-mile FERC natural gas pipeline. Project responsibilities included GIS-based pipeline routing based on land-use, aerial imagery, topography, environmental constraints, and other various publicly available GIS datasets. Based on specific project parameters, developed a field delineation and permitting strategy, schedule, and cost. The project was complete in October 2019.

Aspire Energy – Starwood Pipeline Lorain County, Ohio

Served as the lead pipeline route developer, and environmental constraints/permitting lead for an approximate 3.5-mile natural gas pipeline. Project responsibilities included GIS-based pipeline routing based on land-use, aerial imagery, topography, environmental constraints, and other various publicly available GIS datasets. Based on specific project parameters, developed a field delineation and permit strategy, schedule, and cost. The project was complete in September 2019.

Rock-Lehigh, LLC, Rockefeller Industrial Development Project – Lot 5, Northampton County, Pennsylvania

Serves as the BL Companies GIS team lead, wetland delineator and report writer, as well as the environmental permit specialist for a 165,000-SF warehouse facility. Responsibilities include oversight of all GIS analysis and production, post-processing GPS collected field data of natural resources, database management, data quality assurance and control, delineated and reported on the wetlands and streams at the site, as well as the preparation of environmental permits.

Kinder Morgan, Utopia Pipeline Project, Various Counties, Ohio

Serves as the BL Companies GIS team lead and post-construction monitoring team lead for an approximately 225-mile ethane and ethane-propane pipeline through northern Ohio. Responsibilities include oversight of all GIS analysis and production, post-processing GPS collected field data of natural and cultural resources, database management, data quality assurance and control, and assisted coordination of environmental permits. Post-construction service responsibilities include facilitating daily tailgate meetings, daily progress reports, leading a post-construction monitoring team and identifying restoration concerns.

STATOIL, Impoundment Suitability Models, Various Counties, Ohio and West Virginia

Serves as the GIS team lead for two county-wide suitability models to develop locations suitable for freshwater impoundments. These impoundments serve as water supply to various well pads in the area. Responsibilities included the collection of open source and proprietary information. Model building within ESRI ArcGIS to develop a GIS operation that extracted suitable locations for an impoundment. Analyzed, stored, and manipulated the GIS data, as well as provided recommendations to the Client. Services were completed in February of 2015.

Various Clients, Phase I Environmental Site Assessments, Various Locations, (Multiple States)

Served as an environmental scientist responsible for completing site assessment projects in accordance with the American Society for Testing and Materials (ASTM) Standard E-1527 for various clients, including land developers, lending institutions, private property owners, community redevelopment associations, and legal counsel. Projects entailed evaluation of commercial sites such as shopping centers and automotive repair facilities, industrial properties, multi-family residential sites, manufacturing operations, quarries, and undeveloped agricultural lands, thereby providing a broad range of experience with differing site characteristics, requirements, and locales.

Range Resources, Gulf USA Well Pads, Centre County, Pennsylvania

Served as wetland delineator, surveyor, GIS analyst and wetland report writer for two natural gas well pads. Project responsibilities included wetland delineations within a study corridor of proposed disturbance. Identification and assessment of wetlands and streams, GPS data collection of wetlands and streams utilizing the Trimble GPS system. Uploaded, edited, and manipulated collected GPS data into ArcGIS; using ArcGIS, created visual aid maps and exhibits for permits and construction plans. Compiled a presence/absence wetland report to the client.

Williams Transco, Constitution Pipeline, Various Counties, New York

Served as an infiltration technician and soil profiler for pipeline access roads spanning various counties in New York. Mr. Kempf was responsible for preparing the trenches and infiltrimeters at various locations, conducting the infiltration testing, recording, and preparing the results in a format suitable for agency review.

Williams Transco, Atlantic Sunrise Pipeline, Various Counties, Pennsylvania and Maryland

Served as an infiltration technician and soil profiler for approximately +/-200 miles of pipeline facilities and access roads spanning 10 counties in Pennsylvania and several in Maryland. Mr. Kempf was responsible for preparing the trenches and infiltrimeters at various locations, conducting the infiltration testing, recording, and preparing the results in a format suitable for agency review. Services were completed in March 2015.

Retail Pharmacy Facilities, Various Locations (Delaware, Maryland, New Jersey, New York, Ohio, Pennsylvania, Virginia, Washington, DC, West Virginia)

Lead scientist for the Rite Aid asbestos floor screening and/or concrete slab moisture testing projects. Asbestos screening was performed in general conformance with U.S. Environmental Protection Agency (USEPA) and Occupational Safety and Health Administration (OSHA) guidelines, also taking into consideration any state-specific requirements. The moisture vapor emission rates (MVER) testing, performed in general conformance with the American Society for Testing and Materials (ASTM) F-1869-11, "Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride", was designed to characterize the MVERs derived from the floor substrate of the site facility in order to determine what additional efforts, if any, will be needed prior to the installation of replacement floor materials.

Andrulis Well Connect, Lisbon, Ohio

Served as wetland delineator, surveyor, and GIS analyst for a proposed natural gas well connect pipeline project. Project responsibilities included wetland delineations within a study corridor of the proposed pipeline alignment. Identification and assessment of wetlands and streams, GPS data collection of wetlands and streams utilizing the Trimble GPS system. Uploaded, edited, and manipulated collected GPS data into ArcGIS; using ArcGIS, created visual aid maps and exhibits for permits and construction plans. Services were completed in May 2013.

Blackhawk Gathering Line, South Beaver, Pennsylvania

Served as wetland delineator, surveyor, GIS analyst for a proposed natural gas well connect pipeline project. Project responsibilities included wetland delineations within a study corridor of the proposed pipeline alignment. Identification and assessment of wetlands and streams, GPS data collection of wetlands and streams utilizing the Trimble GPS system. Uploaded, edited, and manipulated collected GPS data into ArcGIS; using ArcGIS, created visual aid maps and exhibits for permits and construction plans. Services were completed in May 2013.

Petrik Well Connect, South Beaver, Pennsylvania

Served as wetland delineator, surveyor, GIS analyst for a proposed natural gas well connect pipeline project. Project responsibilities included wetland delineations within a study corridor of the proposed pipeline alignment. Identification and assessment of wetlands and streams, GPS data collection of wetlands and streams utilizing the Trimble GPS system. Uploaded, edited, and manipulated collected GPS data into ArcGIS; using ArcGIS, created visual aid maps and exhibits for permits and construction plans. Services were completed in May 2013.

Millport Gathering Line, Millport, Ohio

Served as wetland delineator, surveyor, GIS analyst for a proposed natural gas well connect pipeline project. Project responsibilities included wetland delineations within a study corridor of the proposed pipeline alignment. Identification and assessment of wetlands and streams, GPS data collection of wetlands and streams utilizing the Trimble GPS system. Uploaded, edited, and manipulated collected GPS data into ArcGIS; using ArcGIS, created visual aid maps and exhibits for permits and construction plans. Services were completed in July 2013.

Dollar General, Centre County, Pennsylvania

Served as wetland delineator, surveyor, GIS analyst for a proposed Dollar General project site. Project responsibilities included wetland delineations within a study corridor of the proposed project area. Identification and assessment of wetlands and streams, GPS data collection of wetlands and streams utilizing the Trimble GPS system. Uploaded, edited, and manipulated collected GPS data into ArcGIS; using ArcGIS, created visual aid maps and exhibits for permits and construction plans, issued a wetland finding report to the client. Services were completed in July 2013.

Project Abel, Various Locations, (Multiple States)

Served as NEPA/Phase I environmental assessment reviewer. Project responsibilities included reviewing and analyzing the completeness of NEPA and Phase I Environmental Assessments for over 1,800 sites. Indicated issues and recommended steps to resolve the issues to the client. Services were completed in August 2013.

PENNDOT Bridge Replacement, Perry County, Pennsylvania

Served as wetland delineator, surveyor, GIS analyst for a bridge replacement project. Project responsibilities included wetland delineations within a study corridor of the bridge location. Identification and assessment of wetlands and streams, GPS data

collection of wetlands and streams utilizing the Trimble GPS system. Uploaded, edited, and manipulated collected GPS data into ArcGIS; using ArcGIS, created visual aid maps and exhibits for permits and construction plans. Services were completed in June 2013.

Augusta Pipeline, Carroll County, Ohio

Served as wetland delineator, surveyor, GIS analyst for a proposed natural gas well connect pipeline project. Project responsibilities included wetland delineations within a study corridor of the proposed pipeline alignment. Identification and assessment of wetlands and streams, GPS data collection of wetlands and streams utilizing the Trimble GPS system. Uploaded, edited, and manipulated collected GPS data into ArcGIS; using ArcGIS, created visual aid maps and exhibits for permits and construction plans. Services were completed in June 2013.

Reynolds/Alford Well Connect, Susquehanna County, Pennsylvania

Served as wetland delineator, surveyor, GIS analyst for a proposed natural gas well connect pipeline project. Project responsibilities included wetland delineations within a study corridor of the proposed pipeline alignment. Identification and assessment of wetlands and streams to include macro-invertebrates. GPS data collection of wetlands and streams utilizing the Trimble GPS system. Uploaded, edited, and manipulated collected GPS data into ArcGIS; using ArcGIS, created visual aid maps and exhibits for permits and construction plans. Services were completed in August 2013.

First Energy 1, Canton, Ohio

Served as the GIS lead/environmental investigator for an environmental impact assessment on approximately 150 miles of current and proposed above ground electrical power lines. As the GIS lead, the duties included digitization, manipulation, database management and transfer of all environmental/construction GIS data. Database management was key to the success of the project due to the constant change of design from the client. Services were completed in January 2014.

First Energy 2, Canton, Ohio

Served as the GIS lead/CADD designer for non-environmental aerial road crossing permits of existing and proposed above ground electrical power lines. Responsible for the identification of any and all road and/or railroad crossings within project corridors totaling approximately 150 miles. Designed profile and plan views of individual utility crossings of roads and/or railroads for submission to appropriate municipalities and state agencies. Services were completed August 2014.

Rite Aid Portfolio, Pennsylvania and New Jersey

Asbestos and moisture sampling of Rite Aid sites throughout Pennsylvania and New Jersey. Collect asbestos samples and send to local labs for testing, set moisture tests and collect data for reports. Services were completed in June 2014.

Constitution Pipeline, Susquehanna County, Pennsylvania

Completed percolation testing of proposed vegetated filter strip areas. Converted percolation rates to infiltration rates for engineering use. Services were completed in October 2014.

Millersburg River Dam Installation, Millersburg, Pennsylvania

Conducted wetland and watercourse delineation and a presence/absence report for regulated wetlands and watercourses for the upgrade of a dam within the Susquehanna River. Services were completed in November 2014.

Operation Iraqi Freedom, Tallil, Iraq

Served as GIS analyst for 28th Infantry Division. Project responsibilities included brigade server/database administrator. GIS analysis for specific missions to include spatial analysis and map production. Services provided from January 2009 – January 2010, Firm of Record: United States Army.

Pennsylvania Army National Guard, Harrisburg, Pennsylvania

Served as GIS analyst for 28th Infantry Division. Project responsibilities included GIS database administrator and analysis of GIS data. Map production and GIS implementation into emergency management for the Joint Force Headquarters at Fort Indiantown Gap. Services provided from March 2007 – March 2013, Firm of Record: Pennsylvania Army National Guard.

**PROJECT ROLE**

Project Manager I

EDUCATION

M.E.P.C (coursework) Environmental Pollution Control, Pennsylvania State University
Bachelor of Science in Earth Science, Pennsylvania State University, 2005; Minor - B.S. - Earth Systems, 2005

REGISTRATION/ TRAINING

Licensed Asbestos Building Inspector: Pennsylvania - No. 050115
Licensed Lead Risk Assessor - Pennsylvania - No. 006118
40-Hour Hazardous Waste Operations Training
ASTM Technical Training and E-Learning, Environmental Site Assessments - 2015

SUMMARY OF QUALIFICATIONS

Mr. Wolf has over 17 years of experience conducting all aspects of Phase I Environmental Site Assessments (ESAs), as set forth in ASTM Designation E-1527 and All Appropriate Inquiries (AAI), Transaction Screens via ASTM E-1528, Phase II Site Investigations, Lead-Based Paint Inspections, and Asbestos Pre-Demolition Inspections. Mr. Wolf's primary role at BL Companies is to coordinate, manage and provide quality assurance/quality control (QA/QC) review of Phase I ESAs and other forms of environmental due diligence throughout the Mid-Atlantic region.

Mr. Wolf has experience in sample collection, preparation, and analysis, and interpretation of results. He has experience with underground storage tank (UST) closures and cleanup of UST-related releases, including site characterization, remediation, and associated reporting requirements. Mr. Wolf has also been involved in the closing of sites located in Pennsylvania under the Land Recycling and Environmental Remediation Standards Act (Act 2) and the Storage Tank Act and the investigation/remediation of environmentally impacted properties in New Jersey, New York, and Maryland.

RELEVANT EXPERIENCE**Environmental Site Assessments, Various Locations**

Conducted and managed Phase I ESAs and Transaction Screens in several states, including Pennsylvania, New Jersey, New York, Maryland, North Carolina, South Carolina, Florida, Alabama, Kentucky, Louisiana, Texas, California, Arizona, Oregon, Washington, Michigan, Ohio, New York, and Massachusetts. Most recently, Mr. Wolf has managed several project sites in the Territory of Puerto Rico. Performed all aspects of field reconnaissance, research, and report preparation for environmental assessments of industrial, commercial, residential, and agricultural properties. Interfaced with state and local government environmental, health, and emergency agencies.

Phase II Site Investigations, Various Locations

Conducted and provided oversight for numerous Phase II site investigations in Pennsylvania, New York, and Maryland. Performed all aspects of work scope development, coordination, field data acquisition, data analysis, and report preparation for industrial, commercial, residential, and agricultural properties.

Asbestos Containing Materials Inspections, Various Locations

Asbestos Containing Materials (ACMs) inspections for industrial, commercial, and residential properties in Pennsylvania, Maryland, and Virginia. Performed all aspects of the inspection from proposal, including field reconnaissance, inspection, and report preparation.

Pennsylvania UST Closure Projects

Supervised and conducted numerous UST closure projects ranging from residential USTs to state-registered USTs containing hazardous substances. Tasks involved field oversight, soil and ground water sampling, completion of required UST closure reports, and implementation of subsequent remedial activities.

Pennsylvania - Lead-Based Paint Inspections

Conducted lead-Based Paint (LBP) inspections for industrial, commercial, and residential properties in Pennsylvania. Performed all aspects of the inspection from proposal, including field reconnaissance, inspection, and report preparation.

Portfolio of Industrial and Commercial Facilities, New Jersey, Maryland, and Pennsylvania

Managed and performed all aspects of environmental due diligence for portfolios of industrial facilities in New Jersey, Maryland, and Pennsylvania. Performed all aspects of proposal preparation, budget analysis, scheduling, client relations, field reconnaissance, research, and report preparation for environmental assessments of industrial and commercial properties. Interfaced with state and local government environmental, health, and emergency agencies.

UST Closure, Lancaster, Pennsylvania

Supervised and documented the removal of five (5) 5,000-gallon underground storage tanks and all associated equipment at a former filling station. Directed excavation and equipment removal and coordinated sampling of soil and groundwater in accordance with Pennsylvania tank closure requirements. Helped develop a work plan for delineating the petroleum-impacted groundwater and soils detected during the UST closure effort and for closing the site under the Pennsylvania Department of Environmental Protection (PADEP) statewide health standards.

Soil Vapor Sampling, Mechanicsburg, Pennsylvania

Conducted and provided oversight for numerous soil vapor samplings for multiple residential properties within Pennsylvania. Performed all aspects of work scope development, coordination, field data acquisition, data analysis, and report preparation in numerous phases.

Solar Panel Fields, Maryland

Completed Phase I ESAs for the installation of several solar panel fields in the state of Maryland. Performed all aspects of proposal preparation, budget analysis, scheduling, client relations, field reconnaissance, research, and report preparation for environmental assessments prior to and during construction. Interfaced with state and local government environmental, health, and emergency agencies.

Environmental Investigation, Hanover, Pennsylvania

Conducted a Limited Subsurface Investigation at a proposed warehouse site in Hanover, Pennsylvania, based on the findings of a completed Phase I ESA. Installed temporary monitoring wells to evaluate the potential impact to soil and ground water related to a documented off-site release of chlorinated solvents. Additionally, several soil borings were conducted to evaluate herbicide and pesticide use, dumping on-site, and backstops for shooting ranges. An ACM inspection was conducted for all on-site structures for the client to obtain a demolition permit. Performed all aspects from the proposal, cost analysis, scheduling, field reconnaissance, inspection, sampling, and report preparation.

Phase II, Dillsburg, Pennsylvania

The Phase II investigation consisted of a geophysical survey to identify and delineate suspect UST locations and piping, followed by the collection of several soil and ground water samples for laboratory analysis. The Phase II revealed the location of three 10,000-gallon fuel USTs and a metallic anomaly that was buried beneath the building. Several soil borings were advanced in the area of the USTs and metallic anomaly. The analytical soil and groundwater results identified no chemicals of concern (COC) above the Statewide Health Standards (SHS).

State-regulated Soil and Ground Water Quality Investigations

Supervised the installation of soil borings using direct-push technology and monitoring wells using air-rotary and hollow-stem auger drilling techniques in Pennsylvania and Maryland. Conducted sampling of soil and ground water to evaluate the extent of subsurface contamination related to petroleum products, chlorinated solvents, and other types of subsurface or near-surface releases.

Environmental Investigation, Carlisle, Pennsylvania

Conducted a Phase I ESA and Limited Subsurface Investigation concurrently at a site in Carlisle, Pennsylvania. The client could not obtain proper closure documentation of a removed 500-gallon fuel oil #2 UST from on-site. Therefore, to avoid a recognized environmental condition at the site, two confirmatory samples were obtained from the base of excavation from the former tank area. Based on the analytical soil sample results, no COC's were above the SHS.

Environmental Investigation, Puerto Rico

Responsible for Phase I ESA(s) and Phase II investigations in Puerto Rico. The Phase II investigation included soil and water sampling of an active automotive lay-down yard for the adjoining service facility with potential historical automotive service at the site. The scope of the Phase I's services included a site reconnaissance, review of environmental databases, historical research, and personal interviews. The scope of services for the Phase II included a geophysical survey, soil borings, soil and groundwater sampling, and report preparation to satisfy lender requirements. Generally, soils and water complied with EPA standards.