



Brickhouse Environmental

PHASE I
ENVIRONMENTAL SITE ASSESSMENT
BLACK ROCK PRESERVE
803 BLACK ROCK ROAD
PHOENIXVILLE, PENNSYLVANIA 19460

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BE PROJECT NO. 13-2960-0

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1.0 EXECUTIVE SUMMARY

Brickhouse Environmental has conducted a Phase I Environmental Site Assessment of an approximate 1.348 acre property located at 803 Black Rock Road, along the east side of Black Rock Road in Phoenixville Borough, Chester County, Pennsylvania (the Site) (Appendix A). The Site is identified as Chester County Tax Map Parcel No. 15-3-10. The Site is adjacent to the Black Rock Sanctuary, a Chester County park, south of the intersection of Riverwalk Drive and north of the intersection of Bateman Drive. The Phase I Site Assessment was conducted in accordance with Standard Practice E-1527-05 of the American Society for Testing and Materials (ASTM), updated in November 2005.

The Site is a roughly trapezoidal with access from Black Rock Road and is improved with a 2½-story framed dwelling and a detached frame garage. The remainder of the Site consists of dense vegetation and woodland along with several small dilapidated structures. The Site is currently owned by Thomas DiGiuseppe and Kathryn DiGiuseppe who purchased the property in 2013 from Sophia Lodzuk. Prior to the most recent property sale, the Site was in the ownership of the Lodzuk family since 1934.

Neighboring properties include the Black Rock Sanctuary and the berm of an impoundment constructed of material dredged from the Schuylkill River to the north and east, Route 113 (Black Rock Road) and a residential subdivision to the west, and Phoenixville Borough property to the south. The Site is approximately 250 feet west of the Schuylkill River.

Two Recognized Environmental Conditions (RECs), as defined by ASTM E-1527-05 were identified by the investigation including/

The current Site owner, Mr. Thomas DiGiuseppe, reports that during recent cleanup of the Site, he removed multiple pickup truck loads of municipal waste that had been deposited at the Site (he estimated the equivalent of a tri-axle truck, or roughly 15 cubic yards). Based on his observations, he concluded that the prior owner had been using part of the Site to dispose of some of their household waste and other general debris. Evidence of this waste disposal was observed at the surface where the ground has been graded and seeded around the rear of the garage structure. Fragments of glass, plastic, and metal is interspersed with the surface soils. While no specific evidence of releases of petroleum products or hazardous substances was identified, the full extent and composition of any remaining waste material is unknown. This condition represents a material threat of a release of petroleum products or hazardous materials and is considered a REC.



The prior Site owner used the Site garage structure for automotive repair. Significant oily staining is present on the concrete floor, primarily towards the rear of the garage structure. The current owner has used oil dry in an attempt to soak up the spilled materials. While it is considered likely that the floor has prevented the migration of petroleum or hazardous substances into the environment, the degree of staining and the apparent long term use of the garage for automotive repair indicates the potential that the spilled material may have penetrated the floor. This represents a material threat of a release of petroleum substances or hazardous substances to the environment, and is considered a REC.

In addition to the RECs as described above, conditions representing general environmental concerns were also identified. These include:

The age of the structures indicate the potential for the presence of asbestos building materials and lead based paint. Such issues are beyond the scope of a Phase I Environmental Site Assessment, and were not evaluated in any detail. However, should the structures be demolished, or occupied, the potential presence of such materials should be taken into consideration.

A variety of scrap wood and metal materials were observed in connection with three dilapidated structures on the Site, including what appears to be a collapsed shed, a small shelter that may have been used for chickens or other animals, and what is believed to be an outhouse. Segregation and disposal of these materials would represent an added cost to cleaning up and improving the site.

The house is served by a cesspool that does not meet current standards for the management of sanitary waste water. Shallow water table conditions, and shallow bedrock is common in areas underlain by the local geologic formation may pose difficulties for permitting and construction of a new septic system. These conditions should be evaluated further if the County plans to continue to use the property for purposes that would generate sanitary wastewater. Consideration should be given to the proper abandonment of the cesspool via pumping of any residual sewage and sludge, and filling the cesspool with concrete.

2.0 SCOPE OF WORK

This assessment was performed in accordance with Standard Practice E-1527-05 of the ASTM, updated November 2005. ASTM standards, when followed, constitute "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice," as defined by Federal regulations (42 USC 9601 (35)(B) CERCLA). The primary purpose of performing a Phase I Assessment is to identify RECs. RECs are defined as "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past



release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property, or into the ground, groundwater or surface water of a property." The objective of the assessment was to determine whether RECs have resulted from past and present land uses of the Site or adjoining properties.

The assessment was based on the following work program:

- Site Inspection: A walk-through Site inspection was conducted to evaluate the current environmental condition of the Site with respect to items such as USTs, hazardous or regulated materials, or other visual indications of environmental conditions that could affect the Site. Available Site characterization maps and other sources of Site characteristics were also reviewed, including soil/geology resources, and current aerial photographs.
- Interviews: Interviews with individuals associated with the Site were conducted to assess current and possible historic environmental conditions. Interviews are typically with individuals such as current and previous owners, current and previous occupants, as well as local township/borough and county officials. Interviews are conducted with individuals who are readily available and known to Brickhouse Environmental. Individuals interviewed for this assessment include Mr. Thomas DiGiuseppe, current owner of the Site; Mr. Dave Stauffer, Chester County Department of Facilities and Parks and user of this report; Mr. Owen Prusack, Park Superintendent of the adjacent Chester County Black Rock Sanctuary; and Mr. Dave Boelker, Borough of Phoenixville Codes Administrator. Mr. Stauffer was provided an AAI User Questionnaire. A copy of the completed questionnaire is included in Appendix C.
- Review of Site History: This review was conducted to identify past land uses or features that might be indicative of environmental concern. Sources of information included historical aerial photographs, historical topographic maps, as well as information provided by key personnel as part of the interviews described above. Sanborn Fire Insurance maps, Aerial Photographs and Historical Topographic Maps, and an historic City Directory were available for the Site, and are included in Appendix D.
- Review of Adjoining Land Uses: Adjoining land uses were preliminarily reviewed to assess the potential for environmental impacts on the Site. This review was based on visual observations of adjacent properties during the Site inspection, an aerial photograph review, and a review of a computerized regulatory database report.
- Computerized Regulatory Database Search and Agency File Reviews: A computerized environmental regulatory program database report for facilities located within the ASTM specified radius of the Site was obtained from



Environmental Data Resources, Inc. (EDR) of Milford, Connecticut on May 14, 2013. The databases provide information on Sites located within an ASTM-standard specified distance pertaining to regulatory databases required by ASTM E-1527-05. Information of local agencies pertaining to the Site, including the Chester County Recorder of Deeds, Chester County Tax Assessment, and Borough of Phoenixville Municipal Records were also reviewed by Brickhouse Environmental.

3.0 SITE DESCRIPTION

The approximately 1.348 acre Site is identified as Chester County Tax Map Parcel No. 15-3-10. The Site is adjacent to the Black Rock Sanctuary, a Chester County park, south of the intersection of Riverwalk Drive and north of the intersection of Bateman Drive. The Phase I Site Assessment was conducted in accordance with Standard Practice E-1527-05 of the American Society for Testing and Materials (ASTM), updated in November 2005.

The Site is a roughly trapezoidal in shape with access from Black Rock Road. The Site is improved with a 2½-story frame dwelling and a detached frame garage. The remainder of the Site consists of dense vegetation and woodland along with several small dilapidated out structures. The Site is currently owned by Thomas DiGiuseppe and Kathryn DiGiuseppe who purchased the property in 2013 from Sophia Lodzuk. Prior to the most recent property sale, the Site was in the ownership of the Lodzuk family since 1934.

Neighboring properties include the Black Rock Sanctuary to the northeast, Route 113 (Black Rock Road) and a residential subdivision to the west, and vacant Phoenixville Borough property to the south. The Site is approximately 250 feet west of the Schuylkill River.

A Site Topographic Map, Tax Map, and Aerial photograph showing Site features and the approximate Site boundaries are provided in Appendix A.

3.1 Geology and Hydrogeology

The Site is underlain by argillite and black shale of the Lockatong Formation. The soils on the property are identified as Penn silt loam, 8 to 15 percent slopes. Argillite is a hard, dense, sedimentary rock often mined for crushed stone. Shallow depths to bedrock are common in areas underlain by the Lockatong Formation, and water yields from wells are typically very low. Dry wells are not uncommon.

According to the USGS Topographic Quadrangle Map for West Chester, PA the Site is located approximately 100 feet above mean sea level. General topography on the Site slopes west to east, with the lowest topographic point located at the eastern property line toward the Schuylkill River.



3.2 Site Inspection

Date of Inspection: May 21, 2013
Time: 9:15 am
Brickhouse Personnel: Michael E. Lane, Paul White
Site Representative: Mr. Dave Stauffer, user
 Mr. Thomas DiGiuseppe, owner

On May 21, 2013, Brickhouse Environmental conducted a walk through inspection of the interior of the Site structure and the exterior of the Site. Mr. Thomas DiGiuseppe provided building and property access for the Site inspection. Photographs taken during Brickhouse Environmental's Site inspection are included as Appendix B. An aerial photograph and schematic illustrating general Site features are included as Figures 2 and 3 in Appendix A.

3.3 Adjoining Land Use

Adjoining land uses were reviewed to preliminarily assess the potential for environmental impacts to the Site. The assessment of adjacent properties was based on visual observations and land use as depicted by the aerial photographs. Adjacent land use is summarized on Table 1.

TABLE 1: ADJOINING LAND USE SUMMARY

Direction	Description
North	The Site is bordered to the north by the Black Rock Sanctuary, a Chester County Park. The parkland adjacent to the Site contains a large impoundment along the Schuylkill River. The berm of the impoundment, which is estimated at 10 to 15 feet high, was constructed of material dredged from the river.
South	The Site is bordered to the south by additional lands of the Black Rock Sanctuary and lands of the Borough of Phoenixville providing access to the Black Rock Dam on the Schuylkill River.
East	The Site is bordered to the east by additional lands of the Black Rock Sanctuary
West	The Site is bordered to the west by Black Rock Road (Route 113) and a residential subdivision.

In summary, the Site is located within a mixed use area consisting of single-family residential development, woodland, and parkland. None of the neighboring properties appeared to have been used for industrial, manufacturing, or other commercial uses. Based



on the Site inspection, none of the current neighboring properties appear to pose a REC in relation to the Site.

3.4 Issues to be Assessed as Specified by ASTM E-1527-05

3.4.1 Buildings, Other Structures, Foundations and Old Ruins

The Site is improved with a 2-1/2 story frame and block house and a detached frame garage. According to Mr. DiGiuseppe, the home may date from the mid to late 19th century. The earliest obtained topographic map from 1906 and the earliest obtained aerial photograph from 1937 both depict the house. There is also a one-car frame garage located south of the house. The date of construction of the garage is unknown, but it is evident on the 1965 aerial photograph.

There are three dilapidated wooden structures to the east of the house. The smallest structure appears to have been an outhouse, but there is no evidence that it was used for that purpose. There is a wooden shed that contains scrap wood and metal and a round wooden structure with a metal roof that may have been used as shelter for chickens or other animals. No other existing foundations, structure, or old ruins were observed by Brickhouse Environmental.

3.4.2 Wooded and Vegetative Areas

Landscaped lawn areas are present around the house and garage. The eastern and southeastern portions of the Site are wooded. Mr. DiGiuseppe and Mr. Boelker reported that the Site had been overgrown since the previous owner left the house about four years ago. Mr. DiGiuseppe removed brush and re-graded around the driveway to improve drainage.

3.4.3 Water Bodies, Springs, Lagoons, Swamps, Rivers, Lakes, etc.

The Site is located about 250 feet from the Schuylkill River and is adjacent to an impoundment along the river and within the Black Rock Sanctuary. There are two springs on the Site. The first spring is located in the basement of the house. This spring is the sole source of potable water for the house. This spring exits the house via a pipe and discharges to the ground about 25 feet east of the house where it flows offsite. A second spring is located in the southern portion of the Site and also flows east before exiting the Site.

3.4.4 Utilities, Floor Drains, Vent Pipes, Wells, Cisterns and Septic Systems

The water supply for the house is an on-site spring that flows into a concrete vault located in the basement. Water is drawn from the vault with a pump connected to a



pressure tank that distributes water throughout the homes plumbing. Overflow from the vault is directed through a subgrade pipe that discharges to the yard.

There is a septic system located to the east of the house that is reported to consist of a cesspool only. There are no known septic tanks associated with the system. In 1988, the Borough of Phoenixville sent a letter to the homeowner informing them that public water and sewer was available, but the home was never connected. Two floor drains were observed in the basement that is believed to connect to the cesspool. No evidence of spills, staining, or other releases of petroleum or hazardous substances were observed in association with the floor drains. Stormwater from the exterior of the Site is managed by direct runoff to the south and east. Coal and heating oil have been used to heat the house. A small quantity of coal is still stored within a bin in the basement. A 275-gallon aboveground heating oil tank is in the basement. The copper supply line runs along the basement ceiling where it is connected to the boiler in an adjoining room.

3.4.5 Aboveground/Underground Storage Tanks (AST/USTs)

A 275-gallon aboveground heating oil tank was observed in the basement of the house. The gauge on the tank indicates that it is currently empty. No evidence of leaks or spills was observed on or around the tank or on the concrete floor under the tank.

3.4.6 Pipelines

Pipelines were not observed during Brickhouse Environmental's Site inspection.

3.4.7 Transformers and PCB Equipment

No transformers or PCB equipment were observed during Brickhouse Environmental's Site inspection.

3.4.8 On-Site Hazardous Substances and Petroleum Products

A five gallon container of roof mastic was observed in the basement of the house and several five gallon motor oil containers were observed in the garage. Other household quantities of lubricants and other automotive fluids were observed in the garage. The concrete floor of the garage was stained with oil and Mr. DiGiuseppe reports that he used oil dry in the garage during his cleaning of the Site. No evidence of other hazardous substance or petroleum products were observed on the Site.

3.4.9 Unidentified Substance Containers

Unidentified substance containers were not observed during Brickhouse Environmental's Site inspection.



3.4.10 Heavy Equipment, and or Hydraulic Equipment

Heavy equipment and/or hydraulic equipment were not observed during Brickhouse Environmental's Site inspection.

3.4.11 Smells of Chemical Gases, Petroleum Products or Foul Odors

Smells of chemical gases, petroleum products or foul odors were not observed during Brickhouse Environmental's Site inspection.

3.4.12 Evidence of Landfill, Dumping, Disturbed Soil or Direct Burial Activity

Mr. DiGiuseppe reported that in clearing and regrading around the driveway and garage, he removed and hauled away multiple pickup trucks of waste, including wood, metal, glass, and plastic. He estimated the volume of material was the equivalent of one tri-axle truck, which is equal to roughly 15 cubic yards of material. Brickhouse Environmental observed some of the re-graded soil around the garage and observed pieces of glass, metal, and plastic. Given the historic use of the Site as a rural residence and Mr. DiGiuseppe's observations during the Site cleanup, it is evident that the prior owners of the Site dumped some trash on the Site rather than having it hauled away. Mr. DiGiuseppe stated that only household type waste was found and removed and that no tanks, drums, or other waste indicative of hazardous dumping was found. It is unknown whether additional waste may be located beneath the surface of the ground, and it is unknown whether or not the prior storage of the waste has resulted in impacts to soil quality.

3.4.13 Evidence of Surface Impoundments or Holding Ponds

Evidence of surface impoundments or holding ponds was not encountered during Brickhouse Environmental's Site inspection. A surface impoundment is located adjacent to the Site on the County property.

3.4.14 Evidence of Solid Waste and/or Waste Water Discharges

Other than the dumping referenced in Section 3.4.12 and the septic system in Section 3.4.4, evidence of solid waste and/or waste water discharges was not encountered during Brickhouse Environmental's Site inspection.

3.4.15 Evidence of any Industrial or Production/Storage Activities

The historic use of the Site is rural residential. Evidence of industrial or production/storage activities was not encountered during Brickhouse Environmental's Site inspection.



3.4.16 Evidence of any Monitoring Wells or Remedial Activities

Evidence of monitoring wells or remedial activities was not encountered during Brickhouse Environmental's Site inspection.

3.4.17 Evidence of Stained or Discolored Surfaces

Brickhouse Environmental observed significant staining on the concrete floor in the garage. Mr. DiGiuseppe reported that the floor was stained throughout the garage and that he placed oil dry on the floor in an attempt to remove some of the oil. There are no floor drains in the garage and no evidence that oil or other hazardous substances have migrated beyond the garage floor. However, given the prior use of the garage for automotive repair, and the degree of staining on the floor, it is possible that petroleum product or other hazardous substance (parts cleaner, waste oil, transmission fluids, etc.) may have penetrated the floor. Further, given the relatively poor housekeeping practices used by the prior owners, it is possible that petroleum products or other hazardous substances may have been disposed of improperly on the Site.

No other evidence of stained or discolored surfaces was observed during Brickhouse Environmental's site inspection.

3.4.18 Evidence of Leachate or Seeps

Evidence of leachate or seeps was not encountered during Brickhouse Environmental's Site inspection.

3.4.19 Evidence of any Areas of Distressed, Discolored or Stained Vegetation

Evidence of any areas of distressed, discolored or stained vegetation were not observed during Brickhouse Environmental's Site inspection.

3.4.20 Evidence of any Chemical Spills and/or Releases

But for the staining in the garage, visible evidence of chemical spills and/or releases was not encountered during Brickhouse Environmental's Site inspection.

3.4.21 Evidence of Discharges, Leachate Migration or Run-Off of Potential Contaminants from an Off-Site Source onto the Subject Property

Evidence of discharges, leachate migration or run-off of potential contaminants from an off-site source onto the subject property was not encountered during Brickhouse Environmental's Site inspection.



3.4.22 Other Known or Observed Environmentally Sensitive or Suspect Conditions On-Site

Evidence of other environmentally sensitive or suspect conditions on Site was not encountered during Brickhouse Environmental's Site inspection.

4.0 **SITE HISTORY**

To evaluate the Site's history, individuals associated with the current site operations were interviewed. Sanborn Fire Insurance Maps, Aerial Photographs, Historical Topographic Maps and City Directory were provided by EDR. A review of those documents is provided in the following sections. Copies of the historical documentation are included in Appendix D.

4.1 Sanborn Fire Insurance Maps Review

On May 14, 2013, EDR provided a No Coverage report for the Site location.

4.2 Aerial Photograph Review

Brickhouse Environmental reviewed aerial photographs covering the Site dated 1937, 1942, 1947, 1950, 1957, 1965, 1968, 1971, 1973, 1980, 1992, 1999, 2002, 2005, 2008, and 2010 made available by EDR on May 15, 2013. The aerial photograph review is summarized in Table 2 below. RECs were not identified in the aerial photograph review.



TABLE 2. AERIAL PHOTOGRAPH REVIEW SUMMARY

Year	Description
1937	The Site is under agricultural use. There is a large structure on the northwest side of Black Rock Road, possibly a house or barn. There are smaller structures on the Site on the southeast side of Black Rock Road, including a structure in the location of the existing house, along with what appears to be baled hay to the northeast of the Site.
1942-1947	The large structure on the northwest side of the road is still evident. There appear to be the same or similar smaller structures on the Site, including the structure in the house location.
1950	The Site appears unchanged. The large impoundment north of the Site along the east side of the Schuylkill River has been constructed immediately to the northeast of the Site.
1957	Aside from the growth of trees, the Site appears unchanged.
1965-1980	The Site house and garage buildings are evident. The surrounding land use appears relatively unchanged, although there is a significant decrease in active agriculture in the vicinity of the Site and the surrounding lands become increasingly wooded.
1987	The resolution of the photograph is insufficient to state with certainty that the house and garage are still present. The Site and surrounding properties appear relatively unchanged.
1992-2002	The Site house is evident. The impoundment to the northeast of the Site is evident.
2005	The Site house is evident. The impoundment to the northeast of the Site is evident. Lands on the west side of Black Rock Road are now developed with single-family residential homes.
2008	The Site is relatively unchanged. There is construction activity in the location of the dam adjacent to the Site.
2010	The Site is relatively unchanged. There is what appears to be a parking lot adjacent to the Site at the dam.

4.3 Historical Topographic Maps Review

Historical topographic maps of the Phoenixville (PA) quadrangle were obtained from the years 1906 (15'), 1943 (15'), 1955, 1968, 1973, and 1983 provided by EDR on May 15, 2013.

All of the topographic maps depict the Site with a structure in the location of the existing house, with the neighboring property to the south depicted with a structure. Neighboring properties to the west and south are depicted with scattered houses or as undeveloped property. The property to the north of the Site is depicted on the 1955 map and later as an impounding basin. The Black Rock Dam on the Schuylkill River is shown on all of the maps. No RECs or environmental concerns were identified in relation to the Site during the historical topographic map review.



4.4 City Directory Review

A City Directory was not available for the Site.

4.5 Previous Ownership

Brickhouse Environmental completed a limited online deed search of the Chester County Recorder of Deeds records on May 20, 2013 for the Site, parcel 15-3-10. The limited deed search conducted provides a summary of previous owners of the property. A summary of the results of the limited deed search is included in Table 3 below. RECs associated with the historic use of the Site were not identified during the deed review.

TABLE 3. LIMITED DEED SEARCH SUMMARY

Grantor	Grantee	Date	Book	Page
Sophia Lodzuk	Thomas DiGiuseppe and Kathryn DiGiuseppe	1/16/2013	8706	1892
Fannie Lodzuk	Sophia Lodzuk and John P. Lodzuk (d. 2009), tenants with right of survivorship	9/7/1979	Q 55	183
Commonwealth of Pennsylvania	John Lodzuk (d. 1968) and Fannie Lodzuk, husband and wife	4/3/1951	X-22	541
being part of the same premises below				
Eugenia Ketterlinus and Phillip R. Hepburn, executors of the Estate of Dayse Carter Hepburn	John Lodzuk (d. 1968) and Fannie Lodzuk, husband and wife	4/13/1934	D-19	86
<i>End of Traceable Record</i>				

Note: The information included in this search was compiled for parcel history review purposes only, and is not a commitment of title insurance or guaranteed accurate.

4.6 Interviews

Brickhouse Environmental interviewed Mr. Thomas DiGiuseppe, current owner of the Site, at the Site inspection on May 21, 2013. Mr. DiGiuseppe purchased the Site in 2013. He stated that he is familiar with the Site history and has spoken to relatives of the former owners, including the nephew of the most recent owner, Sophia Lodzuk. He stated that the property was in the ownership of the Lodzuk family since the 1930s and that Sophia Lodzuk and her brother John inherited the property from their parents. He stated that there is a cesspool septic system and a spring-fed water supply with flow through the basement to the exterior of the house. The home was heated by coal and heating oil stored in a 275-gallon aboveground tank in the basement. He reports cleanup of the Site, regrading of the gravel driveway, and removal of multiple pickup trucks full of debris, including wood, plastic, glass, and metal. During cleanup, he reports that he did not encounter any drums, tanks, or hazardous materials. As a long-time resident of the area, he



stated that he is familiar with the Site and knows that a large garden was formerly located on the south side of the driveway and that the former owner, Mr. Lodzuk was a carpenter who did some car work as a hobby.

Brickhouse Environmental Mr. Dave Stauffer and Mr. Owen Prusack of Chester County were interviewed on May 21, 2013. Mr. Stauffer states that the County is interested in purchasing the Site to provide parking and access to the adjacent parkland. He is not aware of any environmental contamination on the Site. Mr. Prusack is park superintendent for the Black Rock Sanctuary. He stated that he is familiar with the Site through his work on the adjacent land since the 1990s. He is not aware of any environmental issues related to the Site.

Brickhouse Environmental interviewed Mr. Dave Boelker, Codes Administrator of the Borough of Phoenixville in person on May 21, 2013. Mr. Boelker was unaware of any environmental issues related to the Site. He reported that the Site was directed to connect to public water and sewer in 1988, but that the Borough did not pursue action against the owner because the property was located in a sparsely populated area of the Borough and was always appeared well-maintained.

Brickhouse Environmental interviewed Mr. Blaine Bracelin, nephew of the former owners, Sophia and John Lodzuk. Mr. Bracelin reported that the house has been unoccupied for about four years. He reported that his uncle, John Lodzuk, kept a tractor in the garage and that the garage may have housed animals prior to that. He also stated that his uncle worked on cars as a hobby. He was not aware of how waste oils and other fluids were handled or disposed of. He stated that the heating oil tank in the house is less than 10 years old and that prior to its installation, the house used coal for heating. He is not aware of any buried tanks on the Site.

On May 21, 2013, Mr. Stauffer was provided a Phase I AAI User Questionnaire by Brickhouse Environmental. The purpose of the questionnaire is to reveal any known RECs in relation to the Site by current owners or purchasers. The questionnaire is included in Appendix C. In summary, the questionnaire states that he does not know of any specific environmental contamination or issues in relation to the Site.

4.7 Previous Environmental Report Review

No prior environmental reports were available for the Site.

4.8 Historical Review Summary

In summary, the Site has been used as a rural residential property since at least the 1930s and evidence indicates that the existing house is over 100 years old. There is evidence of dumping of trash typical of such a use and oil staining in the garage associated



with personal automotive maintenance. There is no indication of any past commercial or industrial use of the Site.

Even though all reasonably ascertainable sources for Brickhouse Environmental were reviewed, it should be noted that the historical review detailed above does not identify the use of the property in five year intervals back to the first use of the Site as required by ASTM E 1527-05. This is not considered a significant data gap in relation to the findings and conclusions of this report.

5.0 REVIEW OF REGULATORY AGENCY RECORDS

5.1 Local Officials Records Review

On May 21 2013, Brickhouse Environmental requested to review municipal records for the Site at the Phoenixville Borough office. Mr. Dave Boelker, Codes Administrator, stated that there were no environmental files for the Site. He provided the Borough's records for the property. The records indicated that the property has access to public sewer and water but that no connection was made to either. No violations were reported for the Site. RECs were not identified based on the municipal property file review.

5.2 PADEP/USEPA File Reviews

A PADEP file review was not conducted as part of this ESA.

5.3 Additional File Reviews

Brickhouse Environmental conducted a search of West Goshen Township on the Pennsylvania eFACTS webpage on May 20, 2013. The Site is not listed on the eFACTS database.

The PADEP Activity and Use Limitations (AUL) environmental covenants database was viewed from the PADEP webpage on May 20, 2013. The Site is not listed on the current AUL database.

6.0 ENVIRONMENTAL DATABASE REVIEW

To further evaluate the regulatory status of the Site and surrounding vicinity, a computerized search of Federal and State regulatory databases was conducted. The EDR report is a screening tool that identifies sites located within a set of ASTM-recommended search radii, which may present a potential environmental concern.

The database records search is divided into Federal and State regulatory program searches as described below:



- Federal Programs: Comprehensive Environmental Response, Compensation and Liability Act Information System (CERCLIS); National Priority List (NPL or 'Superfund') List; Resource Conservation and Recovery Act Information System (RCRIS); small/large quantity generators or treatment/storage/disposal (TSD) facilities or facilities with corrective action reports (CORRACTS); Emergency Response Notification System (ERNS) sites, and Federal Sites with Intuitional and Engineering controls (US INST Control, and US ENG Control).
- State Programs: HSCA, State NPL equivalent, UST/AST Programs, Leaking Underground Storage Tanks (LUST), State Hazardous Waste Sites (SHWS), Solid Waste Landfill Facilities (SWF/LF), State Sites with Intuitional and Engineering controls (INST Control, and ENG Control), the Voluntary Cleanup Program (VCP), and the State Brownfield properties (Brownfields).

Sites identified within the ASTM standard search radius for select databases are listed in Table 4, followed by a brief summary discussion of select identified sites. A detailed description of each database and facility listing is provided within the full EDR report, which is attached, as Appendix E. Brickhouse Environmental does not warrant the accuracy or completeness of the computerized regulatory database report. The report contents are subject to the disclaimer provided within the EDR report.



TABLE 4: REGULATORY DATABASE REPORT SUMMARY

Federal Data Services Searched	ASTM Standard Search Distance	Identified Sites	Sites of Concern	Comments
NPL (National Priorities List)	1 mile	0	0	
RCRA TSD (Resource Conservation and Recovery Act - Treatment, Storage, and Disposal Facilities)	0.5 mile	0	0	
CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System)	0.5 mile	0	0	
NFRAP (No Further Remedial Action Planned Sites)	0.5 mile	0	0	
RCRA CORRACTS (RCRA facilities with corrective action reports)	1 mile	0	0	
RCRA LG (Resource Conservation and Recovery Act – Large Quantity Generators)	Site and adjoining properties	0	0	
RCRA SG (Resource Conservation and Recovery Act – Small Quantity Generators)	Site and adjoining properties	0	0	
RCRA-CESQG (Resource Conservation and Recovery Act – Conditionally Exempt Small Quantity Generators)	Site and adjoining properties	0	0	
ERNS (Emergency Response Notification System)	Site	0	0	
US INST Control (Federal Sites with Intuitional controls)	Site	0	0	
US ENG Control (Federal Sites with Engineering controls)	Site	0	0	



State Data Services Searched	ASTM Standard Search Distance	Identified Sites	Sites of Concern	Comments
SHWS (Pennsylvania Priority List of Hazardous Waste Sites)	1 mile	0	0	
HSCA (PA state equivalent of NPL Superfund list)	1 mile	0	0	
ROD (Record of Decision)	1 mile	0	0	
SWF/LF (Solid Waste Facility, Landfill Facility)	0.5 mile	0	0	
LUST (Pennsylvania List of Confirmed Releases)	0.5 mile	0	0	
UNREG L Tanks (Leaking storage tank cases from unregulated tanks)	0.5 mile	0	0	
UST or Archive UST (Pennsylvania List of registered USTs)	Site and adjoining properties	0	0	
AST or Archive AST (Pennsylvania List of registered ASTs)	Site and adjoining properties	0	0	
INST Control (PA Sites with Institutional controls)	Site	0	0	
ENG Control (PA Sites with Engineering controls)	Site	0	0	
VCP (PA State Volunteer Cleanup Program)	0.5 mile	0	0	
Brownfield (State Brownfields Sites)	0.5 mile	0	0	
Manufactured Gas Plants	1 mile	0	0	

The Site is not listed in any of the EDR database searches. No properties within the search radii were identified.

Unplottable Sites

In addition to the plottable listings provided by the database report, seven additional unplottable listings were identified. Based on identification of these facilities through name and address location by Brickhouse Environmental, none of these sites were found to be within the respective ASTM default search radius. As a result, these properties are not anticipated to pose a REC in relation to the Site.



7.0 SUMMARY AND CONCLUSIONS

Brickhouse Environmental has conducted a Phase I Environmental Site Assessment of an approximate 1.348 acre property located at 803 Black Rock Road, along the east side of Black Rock Road in Phoenixville Borough, Chester County, Pennsylvania (the Site) (Appendix A). The Site is identified as Chester County Tax Map Parcel No. 15-3-10. The Site is adjacent to the Black Rock Sanctuary, a Chester County park, south of the intersection of Riverwalk Drive and north of the intersection of Bateman Drive. The Phase I Site Assessment was conducted in accordance with Standard Practice E-1527-05 of the American Society for Testing and Materials (ASTM), updated in November 2005.

Two Recognized Environmental Conditions (RECs), as defined by ASTM E-1527-05 were identified by the investigation including/

The current Site owner, Mr. Thomas DiGiuseppe, reports that during recent cleanup of the Site, he removed multiple pickup truck loads of municipal waste that had been deposited at the Site (he estimated the equivalent of a tri-axle truck, or roughly 15 cubic yards). Based on his observations, he concluded that the prior owner had been using part of the Site to dispose of some of their household waste and other general debris. Evidence of this waste disposal was observed at the surface where the ground has been graded and seeded around the rear of the garage structure. Fragments of glass, plastic, and metal is interspersed with the surface soils. While no specific evidence of releases of petroleum products or hazardous substances was identified, the full extent and composition of any remaining waste material is unknown. This condition represents a material threat of a release of petroleum products or hazardous materials and is considered a REC.

The prior Site owner used the Site garage structure for automotive repair. Significant oily staining is present on the concrete floor, primarily towards the rear of the garage structure. The current owner has used oil dry in an attempt to soak up the spilled materials. While it is considered likely that the floor has prevented the migration of petroleum or hazardous substances into the environment, the degree of staining and the apparent long term use of the garage for automotive repair indicates the potential that the spilled material may have penetrated the floor. This represents a material threat of a release of petroleum substances or hazardous substances to the environment, and is considered a REC.

In addition to the RECs as described above, conditions representing general environmental concerns were also identified. These include:

The age of the structures indicate the potential for the presence of asbestos building materials and lead based paint. Such issues are beyond the scope of a Phase I Environmental Site Assessment, and were not evaluated in any detail. However, should the



structures be demolished, or occupied, the potential presence of such materials should be taken into consideration.

A variety of scrap wood and metal materials were observed in connection with three dilapidated structures on the Site, including what appears to be a collapsed shed, a small shelter that may have been used for chickens or other animals, and what is believed to be an outhouse. Segregation and disposal of these materials would represent an added cost to cleaning up and improving the site.

The house is served by a cesspool that does not meet current standards for the management of sanitary waste water. Shallow water table conditions, and shallow bedrock is common in areas underlain by the local geologic formation may pose difficulties for permitting and construction of a new septic system. These conditions should be evaluated further if the County plans to continue to use the property for purposes that would generate sanitary wastewater. Consideration should be given to the proper abandonment of the cesspool via pumping of any residual sewage and sludge, and filling the cesspool with concrete.

Environmental Professional Statement

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

Michael E. Lane, CPSS
Senior Soil Scientist

8.0 QUALIFICATIONS AND LIMITATIONS

Brickhouse Environmental is a full service environmental consulting firm providing a broad range of services to clients in the Mid-Atlantic area. Founded in 1977, the company draws from a staff of professional geologists, engineers, and scientists to meet its clients' needs in the following areas: environmental site assessments, site remediation, solid waste management, facilities engineering and site development engineering.

Michael E. Lane, CPSS, a Brickhouse Environmental Senior Soil Scientist, performed this Phase I ESA. Supervision was provided by Paul White, P.G. The scope of this investigation was limited to visual observation of surface conditions at the Site.



interviews, listed public agency personnel, and a review of readily available reports and literature. A title review was also conducted.

The investigation addresses the likelihood of hazardous substance or petroleum product contamination resulting from past and current known uses of the Site. As a result, certain conditions may not be revealed. These conditions include, but are not limited to, the following:

1. Naturally occurring toxins in the subsurface soils, rocks, water, or on-site flora;
2. Toxicity of substances common in current habitable environments, such as stored household products, building materials, and consumables;
3. Presence of lead in drinking water or in paint, which could exceed regulatory standards were included in this assessment;
4. Contaminant plumes below the ground surface;
5. Contaminants or contaminant concentrations that do not violate present regulatory standards but may violate future such standards;
6. Asbestos containing materials;
7. Radon gas assessment;
8. Wetlands;
9. Sinkholes or subsurface conditions affecting structural stability;
10. Operations conducted on days other than those during our observation;
11. Unknown Site contamination, such as "midnight" dumping and/or accidental spillage which may occur before or following the Site visit.

Additional investigation, including sampling and laboratory analysis, may be appropriate to confirm the presence or absence of the above items.

The computer database contained in this report has been provided by Environmental Data Resources and was obtained from publicly available sources and other secondary sources of information produced by others. Brickhouse Environmental disclaims any and all liability for any errors, omission, or inaccuracies in such information and data, whether attributable to inadvertence or otherwise, and for any consequences arising therefrom. The report is valid only for the geographical parameters specified on the cover page of that report, and any alteration or deviation from that description will require a new report.

Information provided to Brickhouse Environmental by interviewees forms the basis for certain opinions and findings for this report. Brickhouse Environmental cannot warrant the accuracy or completeness of information provided by these sources, but has used



professional judgment, available Site information, and visual observations in incorporating information provided by the interviewee into this report.

Services for this project are performed in accordance with the Agreement between the Client and Brickhouse Environmental. No warranty or guarantee of Site conditions is intended. This report is solely for the use of the Client and any reliance on this report by third parties shall Brickhouse Environmental at such party's sole risk.

This report is intended to be used in its entirety, including all attachments and/or addenda to the report. Reliance on portions of the report, without considering it in its entirety, could potentially lead to misinterpretation by the reader.

9.0 REFERENCES

Agencies:

- Borough of Phoenixville, files reviewed in person May 21, 2013.
- Chester County Tax Assessment, files reviewed May 20, 2013.
- Chester County Recorder of Deeds, files reviewed May 20, 2013.
- PADEP eFACTS database. www.dep.state.pa.us/dep/efacts/ Accessed May 20, 2013.
- PADEP AUL database. <http://www.depgis.state.pa.us/pa-aul/> Accessed May 20, 2013.
- Chester County Planning Commission, Chester County Geology, 1973
- U.S. Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey, Accessed May 20, 2013.

Database Search:

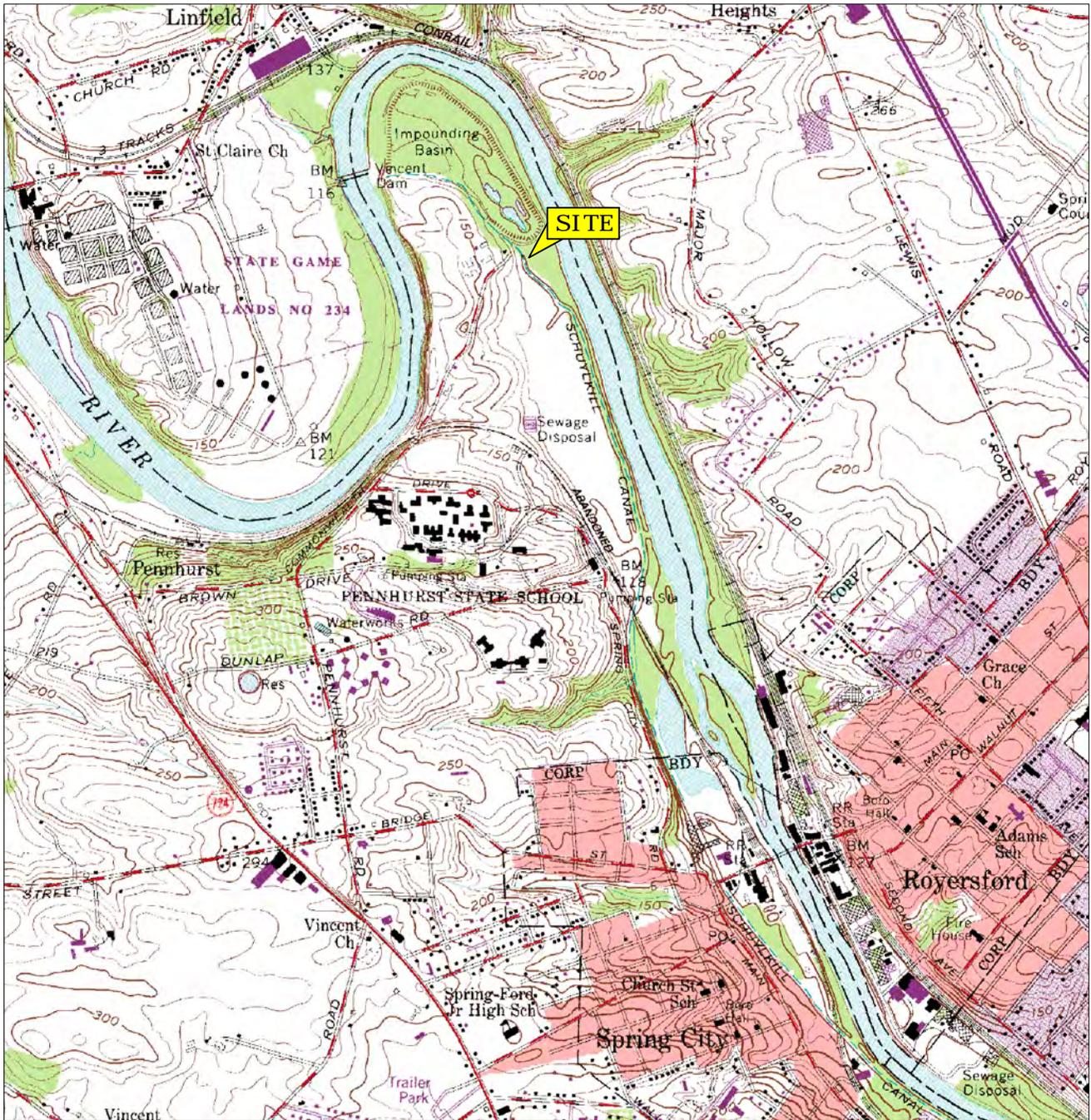
- *Environmental Data Resources Inc., EDR Radius Map Report*, 905 Fern Hill Road, West Chester, PA 19380, compiled April 9, 2013, Inquiry No. 3571400.2

Resources:

- *Environmental Data Resources Inc.: Certified Sanborn Maps*, 905 Fern Hill Road, West Chester, PA 19380, compiled April 9, 2013, Inquiry No. 3571400.3
- *Environmental Data Resources Inc.; Aerial Photo Decade Package*, 905 Fern Hill Road, West Chester, PA 19380, compiled April 10, 2013, Inquiry No. 3571400.5
- *Environmental Data Resources Inc.; Historical Topographic Maps*, 905 Fern Hill Road, West Chester, PA 19380, compiled April 9, 2013, Inquiry No. 3571400.4
- *Environmental Data Resources Inc.; City Directory Abstract*, 905 Fern Hill Road, West Chester, PA 19380, compiled April 11, 2013, Inquiry No. 3571400.6

Appendix A:

Property Maps and Site Plans



SCALE: 1" = 2000'



SOURCE: PHOENIXVILLE, PA 7.5' USGS TOPOGRAPHIC QUAD

SITE LOCATION MAP

PHOENIXVILLE, PA
803 BLACK ROCK ROAD



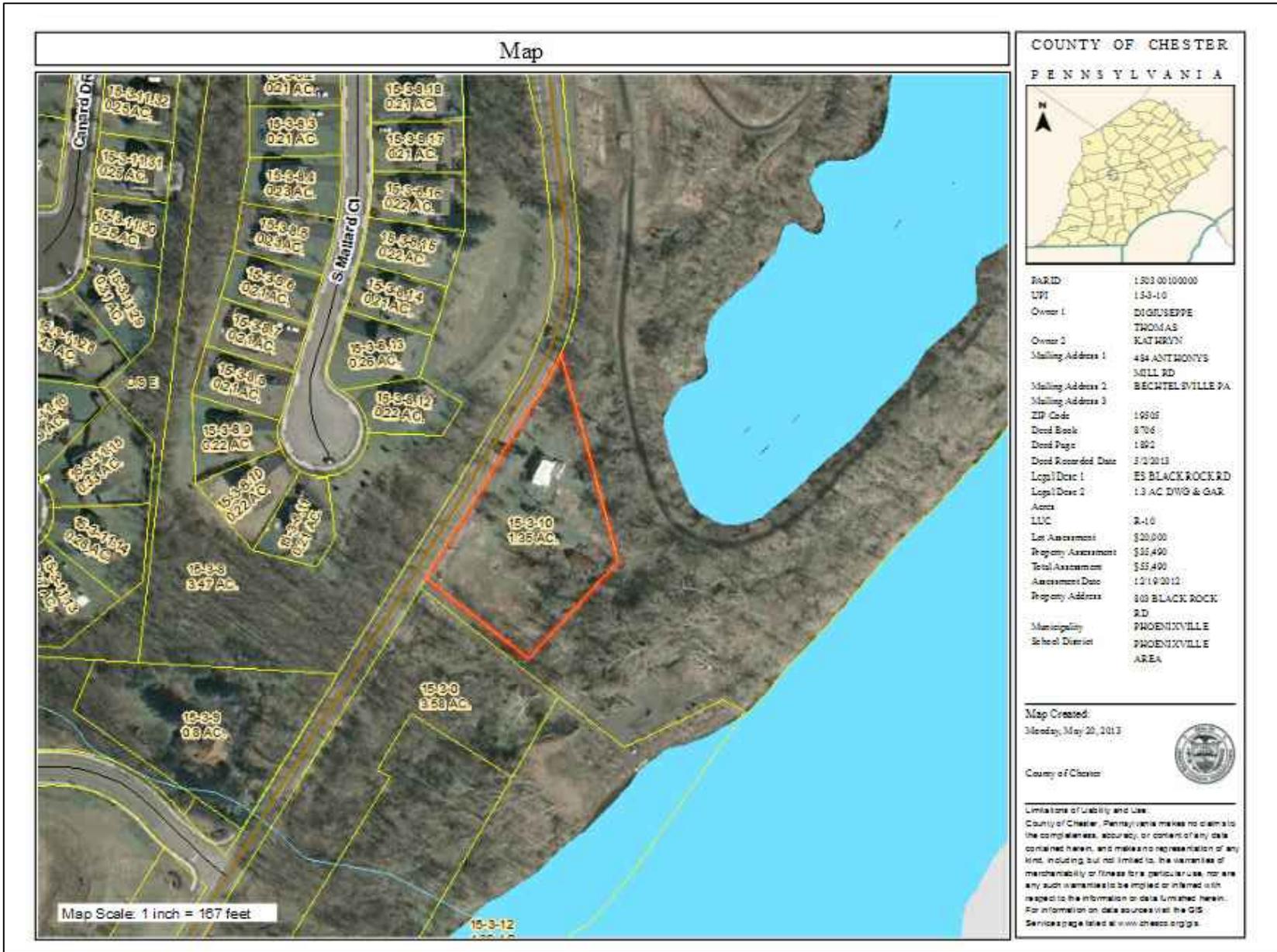
BRICKHOUSE ENVIRONMENTAL

PROFESSIONAL GEOLOGISTS, SCIENTISTS AND ENGINEERS
515 S. FRANKLIN STREET; WEST CHESTER, PA 19382 PHONE: 610.692.5770 FAX: 610.692.8650
WWW.BRICKHOUSE-ENVIRONMENTAL.COM

PROJECT: 13-2960.0
FILE NO.: 132960.SL
DATE: 5-52-13
SCALE: 1" = 2000'

FIGURE

1



TAX PARCEL MAP/ AERIAL PHOTOGRAPH

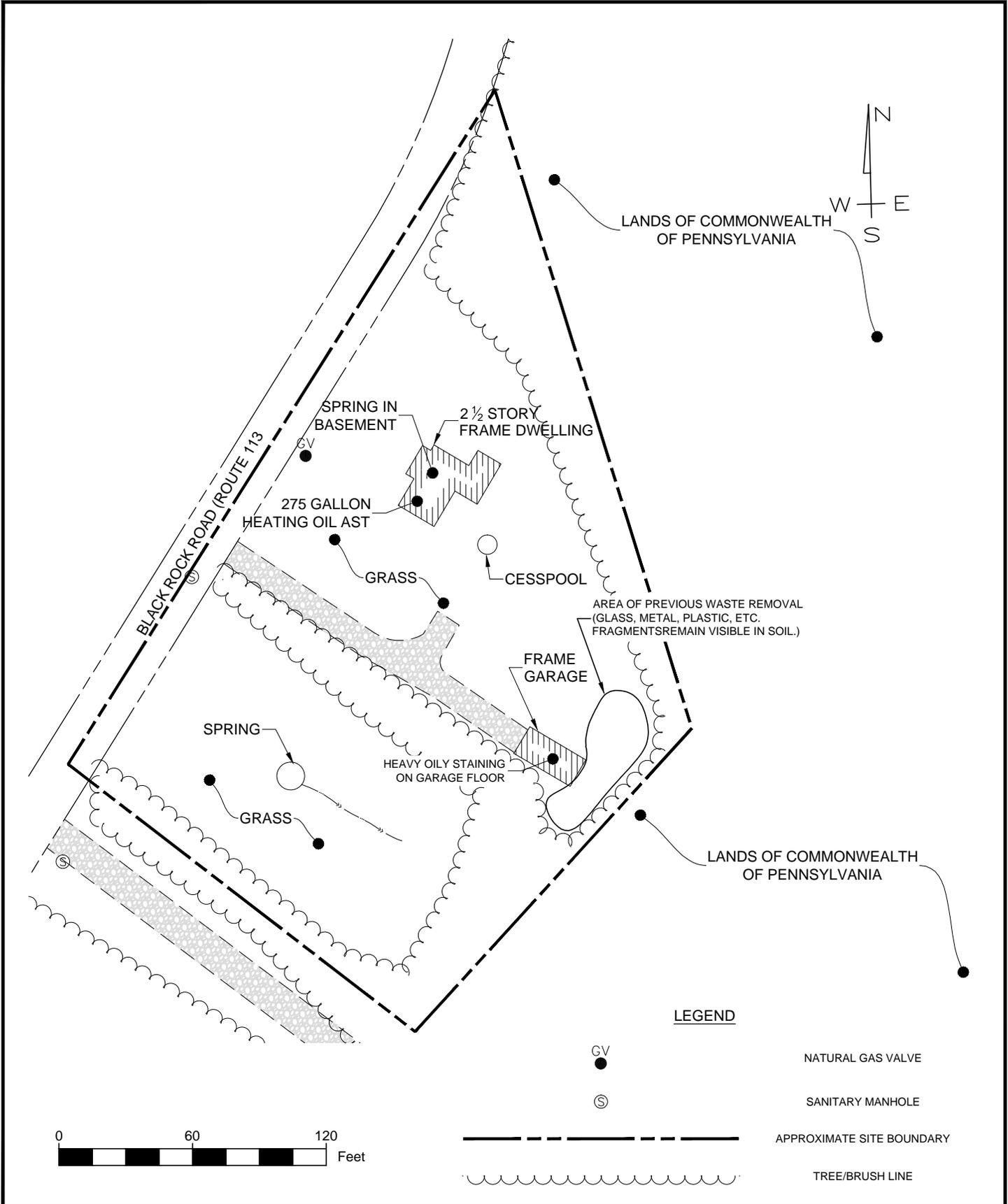


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 WWW.BRICKHOUSE-ENVIRONMENTAL.COM

803 BLACK CREEK ROAD
 PHOENIXVILLE, PA

PROJECT: 13-2960.0
 FILE NO.: 132960.SL
 DATE: 05/28/2013
 SCALE: NO SCALE

FIGURE
2



SITE SCHEMATIC

803 BLACK ROCK ROAD, PHOENIXVILLE, PA



BRICKHOUSE ENVIRONMENTAL

PROFESSIONAL GEOLOGISTS, SCIENTISTS AND ENGINEERS
 515 S. FRANKLIN STREET; WEST CHESTER, PA 19382 PHONE: 610.692.5770 FAX: 610.692.8650
 WWW.BRICKHOUSE-ENVIRONMENTAL.COM

PROJECT: 13-2960-0
 FILE NO.: 132960.SS.DWG
 DATE: 05/28/2013
 SCALE: 1" = 60'

FIGURE

3

Appendix B:

Site Photos



North and west elevations of house



South and east elevations of the house



Cesspool sewage system, east of the house



Basement floor drain



275-gallon heating oil tank in basement



West elevation of the garage



Oil staining in garage



Various wood and metal debris in the wooded portion of the Site

Appendix C:
AAI User Questionnaire



**Brickhouse
Environmental**
Consultants and Engineers

AAI USER QUESTIONNAIRE

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 the user (purchaser) must provide the following information (if available) to Brickhouse Environmental. Failure to provide this information could result in determination that “all appropriate inquiry” is not complete.

Property: 803 Black Rock Road, Parcel 15-3-10
 Phoenixville Borough, Chester County
 BE Project No. 13-2960-0

1 Environmental cleanup liens that are filed or recorded against the site

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

No. _____

2 Activity and land use limitations that are in place on the property or that have been filed or recorded in a registry

2.1 Are you aware of any Activity Use Limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded in registry under federal, tribal, state or local law?

No. _____

3 Specialized knowledge or experience of the person seeking to qualify for the LLP

3.1 As the user of the ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or adjoining properties so that you would have specialized knowledge of the chemicals and processes used by this type of business

No. _____

515 South Franklin Street
West Chester, PA 19382

Phone 610.692.5770
Fax 610.692.8650

AAI USER QUESTIONNAIRE

BE PROJECT NO. _____

4 Relationship of the purchase price to the fair market value of the property if it were not contaminated

4.1 Does the purchase price being paid for this property personally reflect the fair market value of the property? If you conclude there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

County will appraise property to determine fair market value.

5 Commonly known or reasonably ascertainable information about the property

5.1 Do you know the past uses of the property?

Farm/Residential Use.

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

No.

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

No.

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

No.

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

6.1 As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?

No.



Signature

David T. Stauffer

Printed Name

Appendix D:

Historical Research Documentation



Black Rock Preserve

Parcel 15-3-10

Phoenixville, PA 19460

Inquiry Number: 3606757.6

May 14, 2013

Certified Sanborn® Map Report

Certified Sanborn® Map Report

5/14/13

Site Name:

Black Rock Preserve
Parcel 15-3-10
Phoenixville, PA 19460

Client Name:

Brickhouse Environmental
515 S. Franklin Street
West Chester, PA 19382

EDR Inquiry # 3606757.6

Contact: Lynda Tyson



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

Certified Sanborn Results:

Site Name: Black Rock Preserve
Address: Parcel 15-3-10
City, State, Zip: Phoenixville, PA 19460
Cross Street:
P.O. # 240251
Project: 13-2960-0/Black Rock
Certification # A2E4-4053-817B



Sanborn® Library search results
Certification # A2E4-4053-817B

UNMAPPED PROPERTY

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

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

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

The Sanborn Library LLC Since 1866™

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Black Rock Preserve

Parcel 15-3-10

Phoenixville, PA 19460

Inquiry Number: 3606757.4

May 15, 2013

The EDR Aerial Photo Decade Package

EDR Aerial Photo Decade Package

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

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Date EDR Searched Historical Sources:

Aerial Photography May 15, 2013

Target Property:

Parcel 15-3-10

Phoenixville, PA 19460

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1937	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B5, Phoenixville, PA;/Flight Date: November 04, 1937	EDR
1942	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B5, Phoenixville, PA;/Flight Date: October 08, 1942	EDR
1947	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B5, Phoenixville, PA;/Flight Date: October 31, 1947	EDR
1950	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B5, Phoenixville, PA;/Flight Date: March 01, 1950	EDR
1957	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B5, Phoenixville, PA;/Flight Date: October 04, 1957	EDR
1965	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B5, Phoenixville, PA;/Flight Date: April 14, 1965	EDR
1968	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B5, Phoenixville, PA;/Flight Date: May 01, 1968	EDR
1971	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B5, Phoenixville, PA;/Flight Date: July 05, 1971	EDR
1973	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B5, Phoenixville, PA;/Flight Date: March 13, 1973	EDR
1980	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B5, Phoenixville, PA;/Flight Date: April 23, 1980	EDR
1987	Aerial Photograph. Scale: 1"=750'	Panel #: 40075-B5, Phoenixville, PA;/Flight Date: September 04, 1987	EDR
1992	Aerial Photograph. Scale: 1"=750'	Panel #: 40075-B5, Phoenixville, PA;/Flight Date: March 29, 1992	EDR
1999,2002	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B5, Phoenixville, PA;/Composite DOQQ - acquisition dates: April 13, 1999,February 25, 2002	EDR
2005	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B5, Phoenixville, PA;/Flight Year: 2005	EDR
2008	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B5, Phoenixville, PA;/Flight Year: 2008	EDR
2010	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B5, Phoenixville, PA;/Flight Year: 2010	EDR



INQUIRY #: 3606757.4

YEAR: 1937

| = 500'





INQUIRY #: 3606757.4

YEAR: 1942

 = 500'





INQUIRY #: 3606757.4

YEAR: 1947

| = 500'





INQUIRY #: 3606757.4

YEAR: 1950

| = 500'





INQUIRY #: 3606757.4

YEAR: 1957

| = 500'





INQUIRY #: 3606757.4

YEAR: 1965

| = 500'





INQUIRY #: 3606757.4

YEAR: 1968

| = 500'





INQUIRY #: 3606757.4

YEAR: 1971

 = 500'





INQUIRY #: 3606757.4

YEAR: 1973

| = 500'





INQUIRY #: 3606757.4

YEAR: 1980

| = 500'





INQUIRY #: 3606757.4

YEAR: 1987

| = 750'





INQUIRY #: 3606757.4

YEAR: 1992

| = 750'



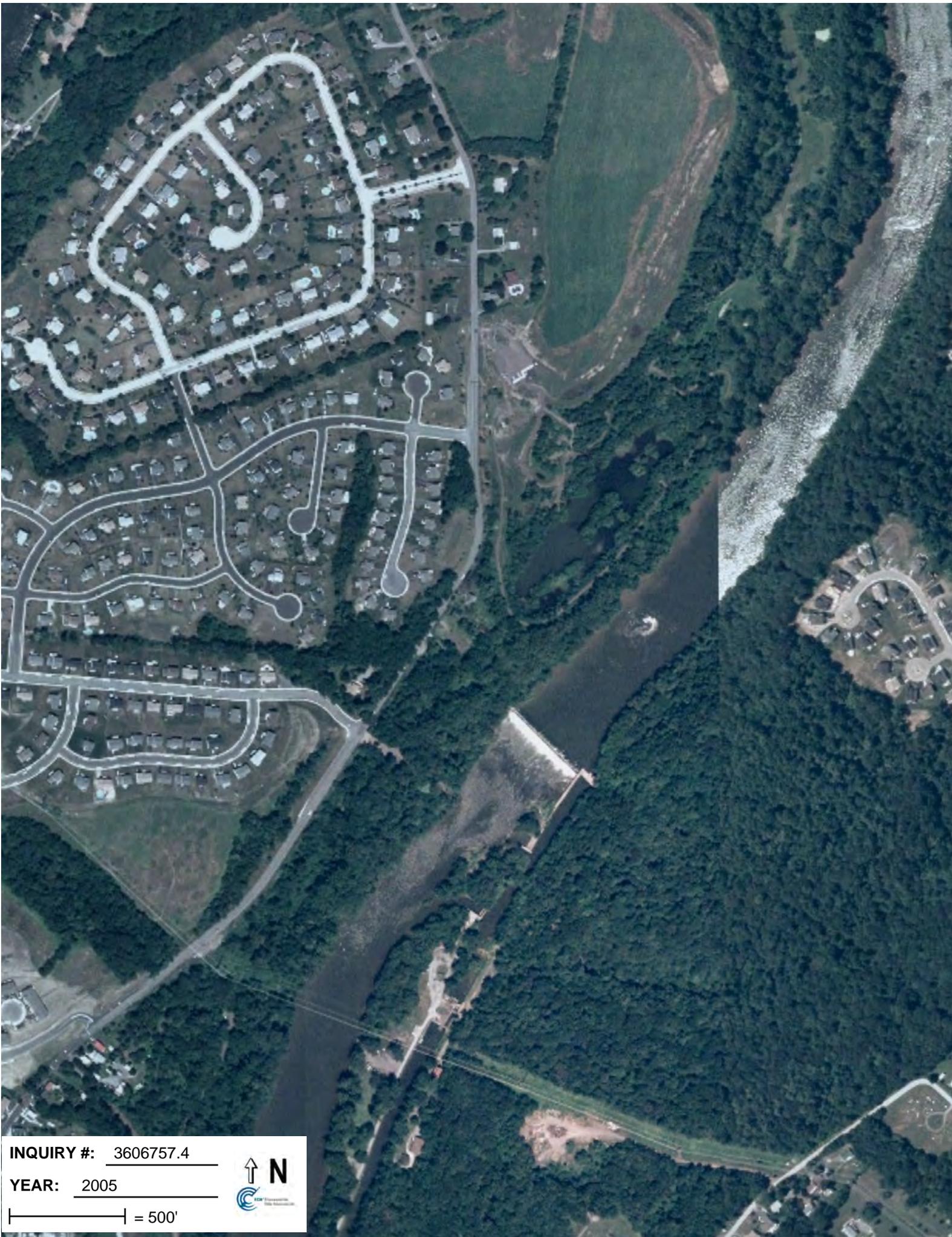


INQUIRY #: 3606757.4

YEAR: 1999,2002 (DOQQ)

| = 500'





INQUIRY #: 3606757.4

YEAR: 2005

| = 500'





INQUIRY #: 3606757.4

YEAR: 2008

| = 500'





INQUIRY #: 3606757.4

YEAR: 2010

 = 500'





Black Rock Preserve

Parcel 15-3-10

Phoenixville, PA 19460

Inquiry Number: 3606757.7

May 15, 2013

EDR Historical Topographic Map Report

EDR Historical Topographic Map Report

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

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Historical Topographic Map



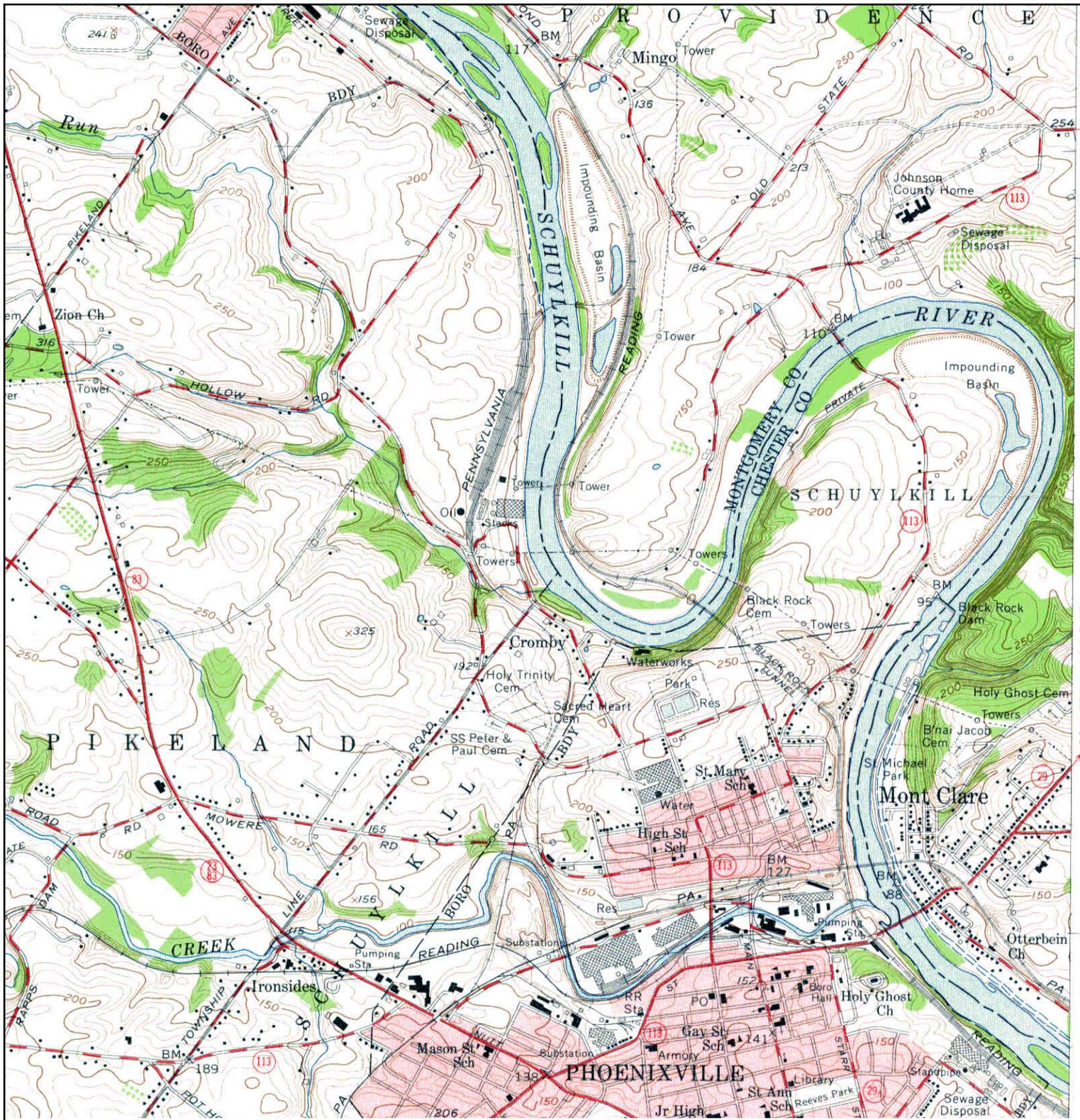
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	NAME: PHOENIXVILLE	ADDRESS: Parcel 15-3-10	CONTACT: Lynda Tyson
	MAP YEAR: 1906	Phoenixville, PA 19460	INQUIRY#: 3606757.7
	SERIES: 15	LAT/LONG: 40.1495 / -75.5073	RESEARCH DATE: 05/15/2013
	SCALE: 1:62500		

Historical Topographic Map



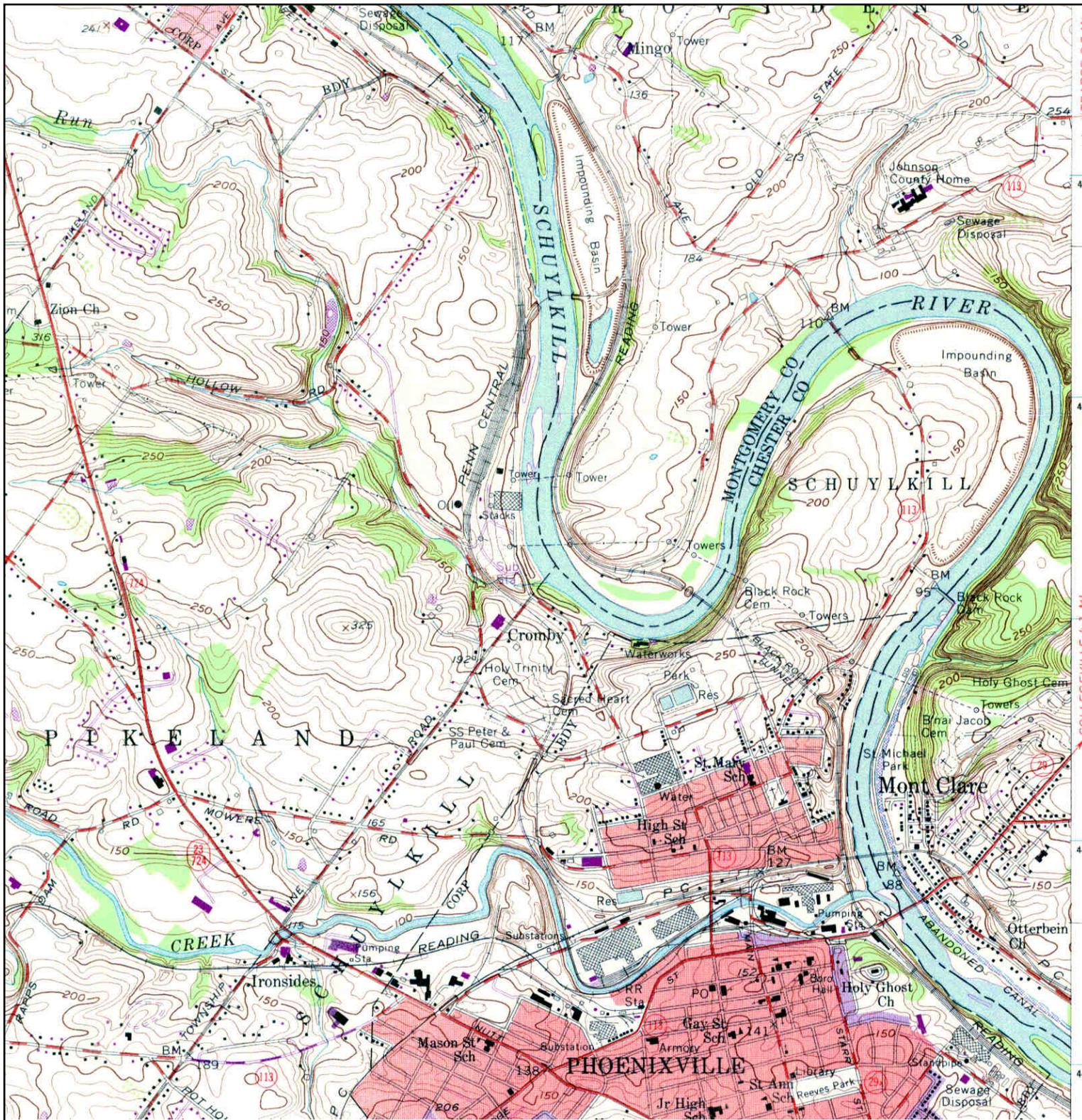
	TARGET QUAD	SITE NAME: Black Rock Preserve	CLIENT: Brickhouse Environmental
	NAME: PHOENIXVILLE	ADDRESS: Parcel 15-3-10 Phoenixville, PA 19460	CONTACT: Lynda Tyson
	MAP YEAR: 1943	LAT/LONG: 40.1495 / -75.5073	INQUIRY#: 3606757.7
	SERIES: 15		RESEARCH DATE: 05/15/2013
	SCALE: 1:50000		

Historical Topographic Map



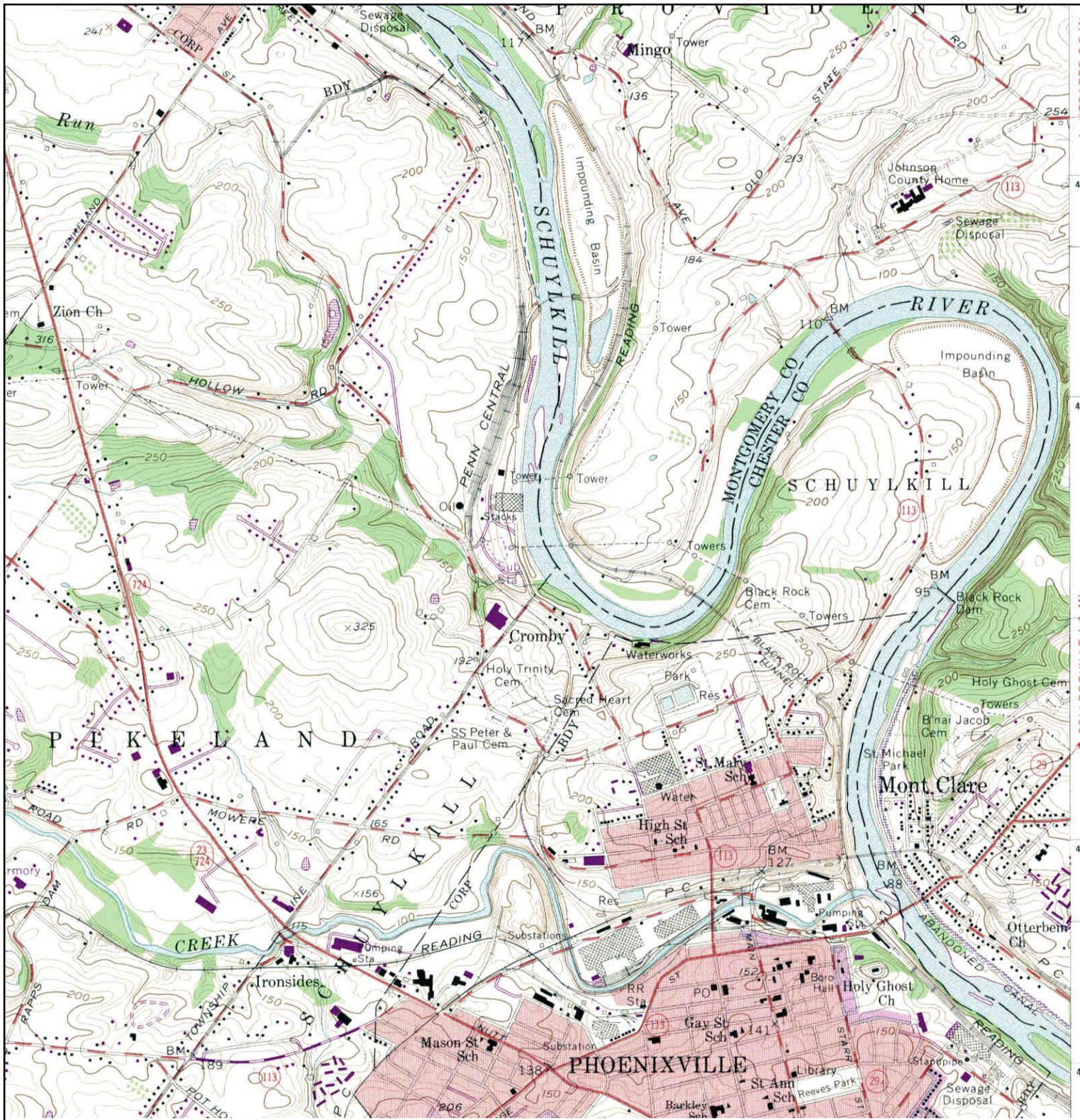
<p>N ↑</p>	<p>TARGET QUAD NAME: PHOENIXVILLE MAP YEAR: 1955</p>	<p>SITE NAME: Black Rock Preserve ADDRESS: Parcel 15-3-10 Phoenixville, PA 19460 LAT/LONG: 40.1495 / -75.5073</p>	<p>CLIENT: Brickhouse Environmental CONTACT: Lynda Tyson INQUIRY#: 3606757.7 RESEARCH DATE: 05/15/2013</p>
	<p>SERIES: 7.5 SCALE: 1:24000</p>		

Historical Topographic Map



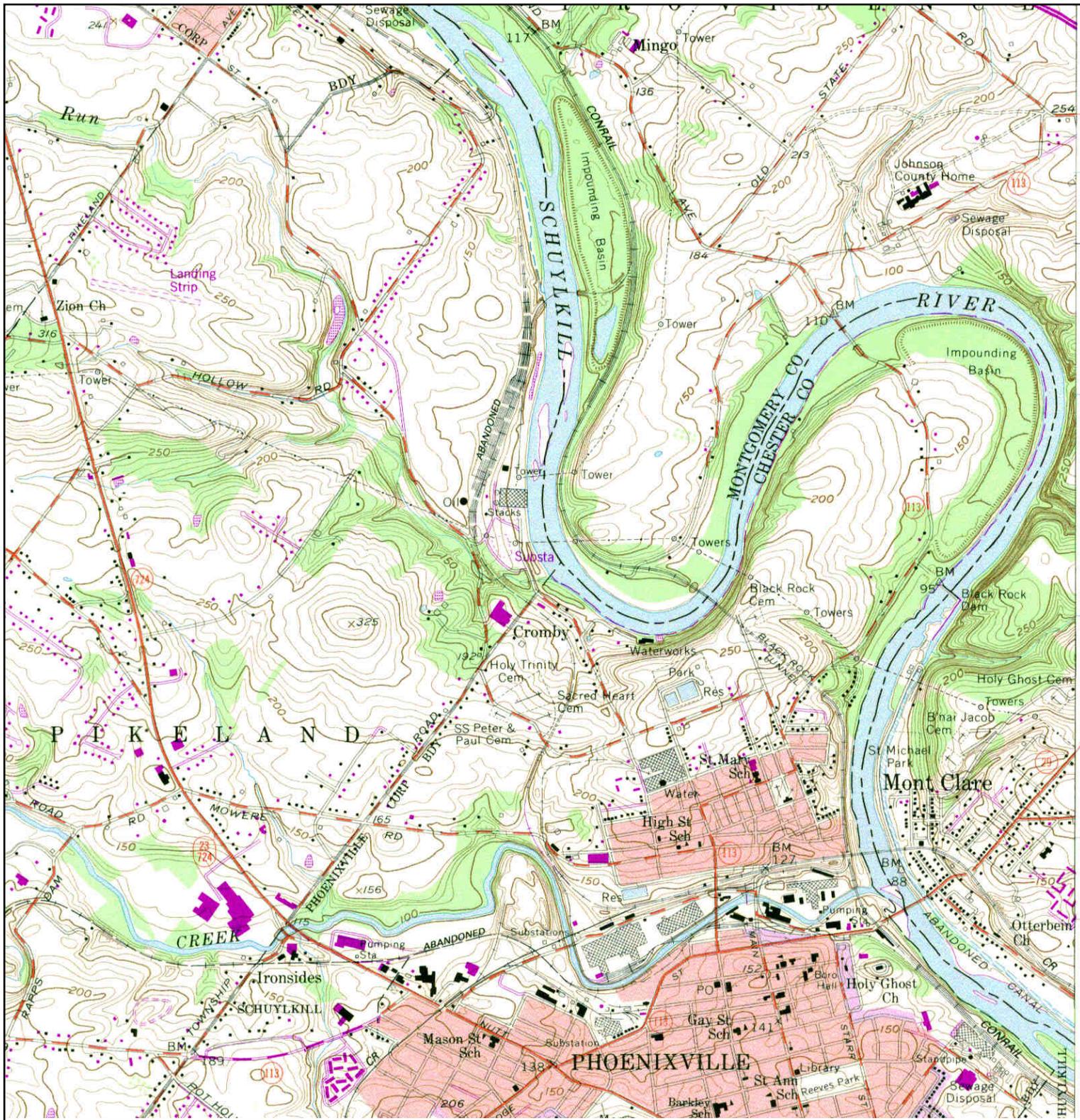
<p>N ↑</p>	TARGET QUAD	SITE NAME: Black Rock Preserve	CLIENT: Brickhouse Environmental
	NAME: PHOENIXVILLE	ADDRESS: Parcel 15-3-10	CONTACT: Lynda Tyson
	MAP YEAR: 1968	Phoenixville, PA 19460	INQUIRY#: 3606757.7
	PHOTOREVISED FROM :1955	LAT/LONG: 40.1495 / -75.5073	RESEARCH DATE: 05/15/2013
	SERIES: 7.5		
	SCALE: 1:24000		

Historical Topographic Map



<p>N ↑</p>	TARGET QUAD	SITE NAME: Black Rock Preserve	CLIENT: Brickhouse Environmental
	NAME: PHOENIXVILLE	ADDRESS: Parcel 15-3-10	CONTACT: Lynda Tyson
	MAP YEAR: 1973	PHOENIXVILLE, PA 19460	INQUIRY#: 3606757.7
	PHOTOREVISED FROM : 1955	LAT/LONG: 40.1495 / -75.5073	RESEARCH DATE: 05/15/2013
	SERIES: 7.5		
	SCALE: 1:24000		

Historical Topographic Map



<p>N ↑</p>	TARGET QUAD	SITE NAME: Black Rock Preserve	CLIENT: Brickhouse Environmental
	NAME: PHOENIXVILLE	ADDRESS: Parcel 15-3-10	CONTACT: Lynda Tyson
	MAP YEAR: 1983	Phoenixville, PA 19460	INQUIRY#: 3606757.7
	PHOTOREVISED FROM :1955	LAT/LONG: 40.1495 / -75.5073	RESEARCH DATE: 05/15/2013
	SERIES: 7.5		
	SCALE: 1:24000		

Historical Topographic Map



<p>N</p> 	ADJOINING QUAD			
	NAME:	NORRISTOWN		SITE NAME: Black Rock Preserve
	MAP YEAR:	1895		ADDRESS: Parcel 15-3-10 Phoenixville, PA 19460
	SERIES:	15		LAT/LONG: 40.1495 / -75.5073
	SCALE:	1:62500		CLIENT: Brickhouse Environmental
			CONTACT: Lynda Tyson	
			INQUIRY#: 3606757.7	
			RESEARCH DATE: 05/15/2013	

Historical Topographic Map



	ADJOINING QUAD	SITE NAME: Black Rock Preserve	CLIENT: Brickhouse Environmental
	NAME: NORRISTOWN	ADDRESS: Parcel 15-3-10	CONTACT: Lynda Tyson
	MAP YEAR: 1943	Phoenixville, PA 19460	INQUIRY#: 3606757.7
	SERIES: 15	LAT/LONG: 40.1495 / -75.5073	RESEARCH DATE: 05/15/2013
	SCALE: 1:50000		

Historical Topographic Map



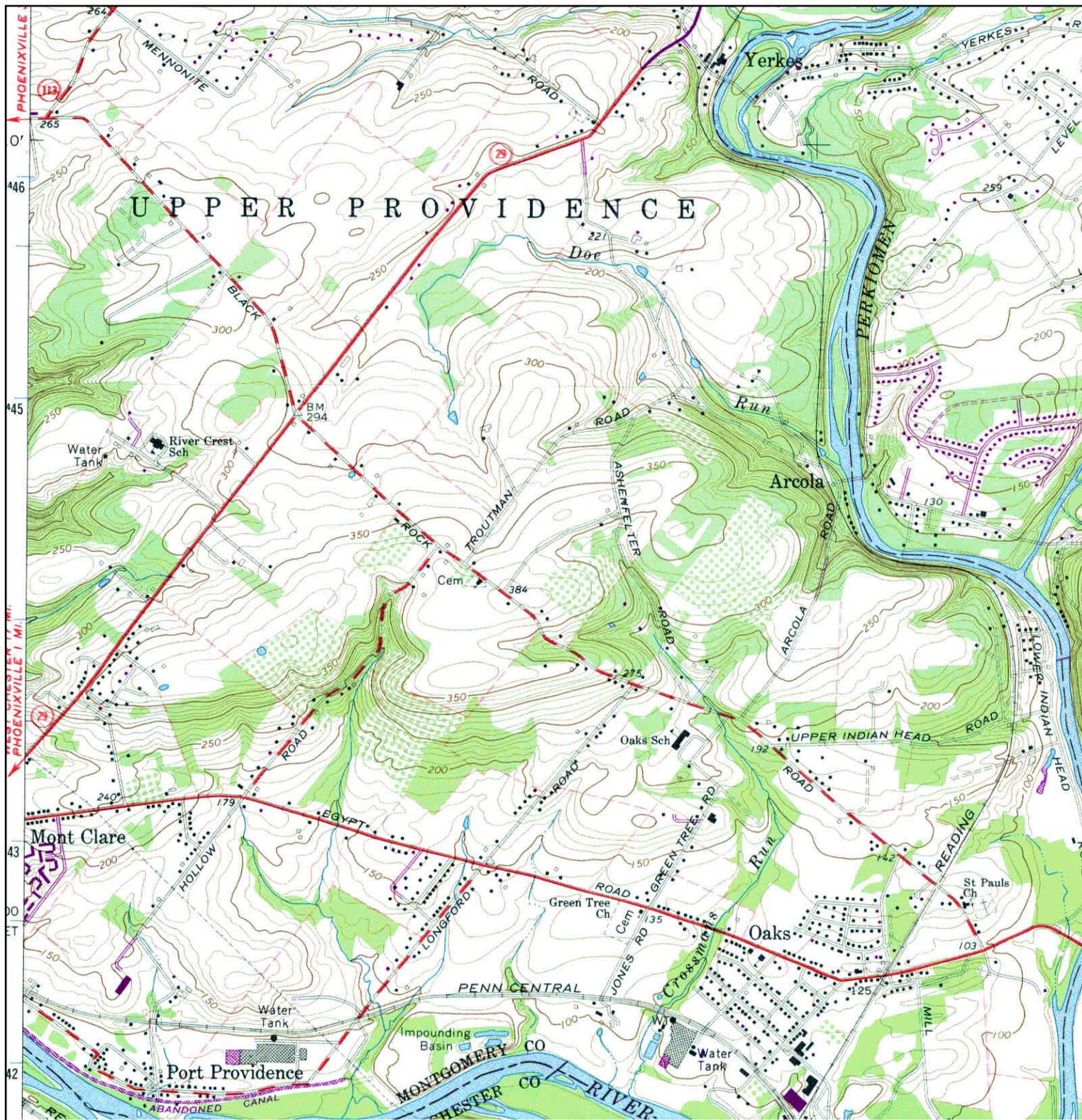
N 	ADJOINING QUAD			
	NAME:	COLLEGEVILLE	SITE NAME:	Black Rock Preserve
	MAP YEAR:	1951	ADDRESS:	Parcel 15-3-10 Phoenixville, PA 19460
	SERIES:	7.5	LAT/LONG:	40.1495 / -75.5073
	SCALE:	1:24000	CLIENT:	Brickhouse Environmental
			CONTACT:	Lynda Tyson
			INQUIRY#:	3606757.7
			RESEARCH DATE:	05/15/2013

Historical Topographic Map



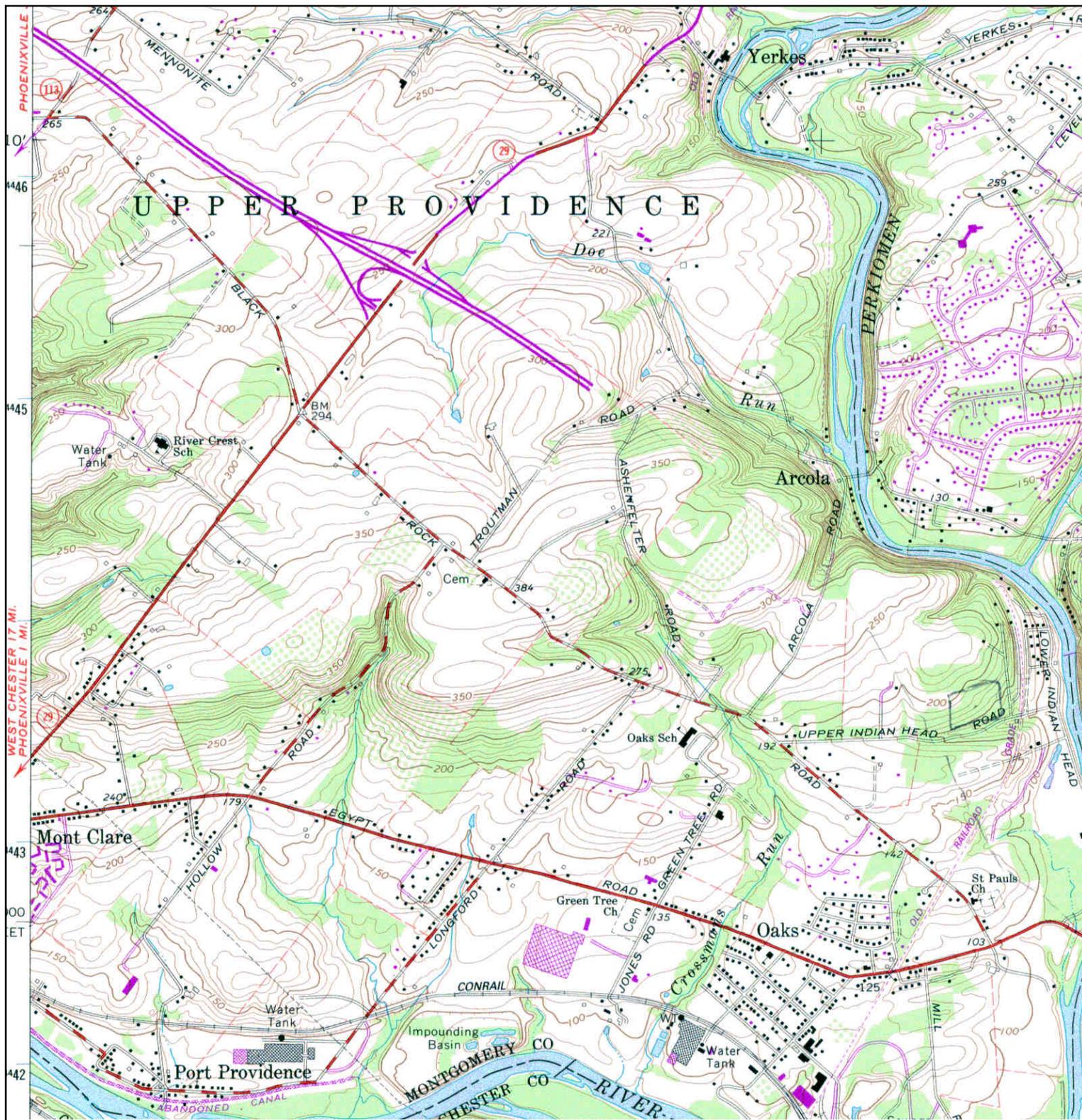
<p>N</p> 	ADJOINING QUAD		<p>SITE NAME: Black Rock Preserve ADDRESS: Parcel 15-3-10 Phoenixville, PA 19460 LAT/LONG: 40.1495 / -75.5073</p>	<p>CLIENT: Brickhouse Environmental CONTACT: Lynda Tyson INQUIRY#: 3606757.7 RESEARCH DATE: 05/15/2013</p>
	NAME: COLLEGEVILLE			
	MAP YEAR: 1966			
	SERIES: 7.5			
SCALE: 1:24000				

Historical Topographic Map



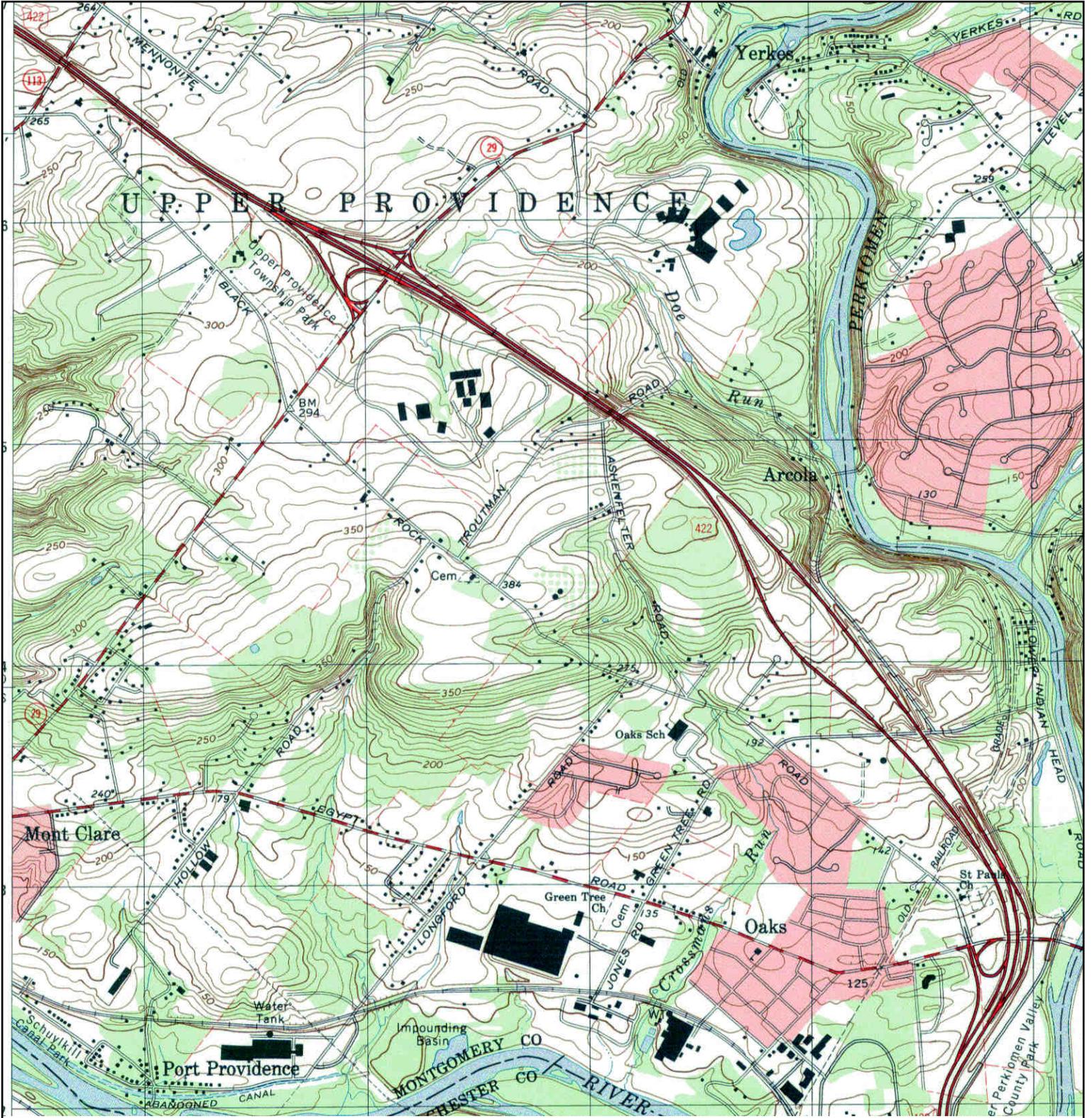
	ADJOINING QUAD		
	NAME:	COLLEGEVILLE	SITE NAME: Black Rock Preserve
	MAP YEAR:	1973	ADDRESS: Parcel 15-3-10
	PHOTOREVISED FROM :	1966	Phoenixville, PA 19460
	SERIES:	7.5	LAT/LONG: 40.1495 / -75.5073
	SCALE:	1:24000	CLIENT: Brickhouse Environmental
		CONTACT: Lynda Tyson	CLIENT: Brickhouse Environmental
		INQUIRY#: 3606757.7	CONTACT: Lynda Tyson
		RESEARCH DATE: 05/15/2013	INQUIRY#: 3606757.7

Historical Topographic Map



 <p>N</p>	ADJOINING QUAD	SITE NAME: Black Rock Preserve	CLIENT: Brickhouse Environmental
	NAME: COLLEGEVILLE	ADDRESS: Parcel 15-3-10	CONTACT: Lynda Tyson
	MAP YEAR: 1983	Phoenixville, PA 19460	INQUIRY#: 3606757.7
	PHOTOREVISED FROM :1966	LAT/LONG: 40.1495 / -75.5073	RESEARCH DATE: 05/15/2013
	SERIES: 7.5		
	SCALE: 1:24000		

Historical Topographic Map



N 	ADJOINING QUAD	SITE NAME: Black Rock Preserve	CLIENT: Brickhouse Environmental
	NAME: COLLEGEVILLE	ADDRESS: Parcel 15-3-10	CONTACT: Lynda Tyson
	MAP YEAR: 1992	Phoenixville, PA 19460	INQUIRY#: 3606757.7
	SERIES: 7.5	LAT/LONG: 40.1495 / -75.5073	RESEARCH DATE: 05/15/2013
	SCALE: 1:24000		

Black Rock Preserve

Parcel 15-3-10
Phoenixville, PA 19460

Inquiry Number: 3606757.5
May 29, 2013

The EDR-City Directory Abstract

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SECTION

Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

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

RESEARCH SUMMARY

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

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2007	Cole Criss-Cross Directory	X	X	X	-
2001	Cole Criss-Cross Directory	-	-	-	-
1993	Cole Criss-Cross Directory	-	X	X	-
1987	Cole Criss-Cross Directory	-	X	X	-
1980	Cole Criss-Cross Directory	-	-	-	-
1972	Cole Criss-Cross Directory	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

Parcel 15-3-10
Phoenixville, PA 19460

FINDINGS DETAIL

Target Property research detail.

Black Rock Road

803 Black Rock Road

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	Residential	Cole Criss-Cross Directory

FINDINGS

ADJOINING PROPERTY DETAIL

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

Black Rock Road

175 Black Rock Road

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	Residential	Cole Criss-Cross Directory

180 Black Rock Road

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	Residential	Cole Criss-Cross Directory

181 Black Rock Road

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	Residential	Cole Criss-Cross Directory

809 Black Rock Road

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	Residential	Cole Criss-Cross Directory

821 Black Rock Road

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	Residential	Cole Criss-Cross Directory
1993	Residential	Cole Criss-Cross Directory
1987	Residential	Cole Criss-Cross Directory

964 Black Rock Road

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	Residential	Cole Criss-Cross Directory

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

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

Address Researched

Parcel 15-3-10

Address Not Identified in Research Source

2001, 1993, 1987, 1980, 1972

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

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

Address Researched

175 Black Rock Road

180 Black Rock Road

181 Black Rock Road

809 Black Rock Road

821 Black Rock Road

964 Black Rock Road

Address Not Identified in Research Source

2001, 1993, 1987, 1980, 1972

2001, 1993, 1987, 1980, 1972

2001, 1993, 1987, 1980, 1972

2001, 1993, 1987, 1980, 1972

2001, 1980, 1972

2001, 1993, 1987, 1980, 1972

Appendix E:

Regulatory Records Documentation

Black Rock Preserve

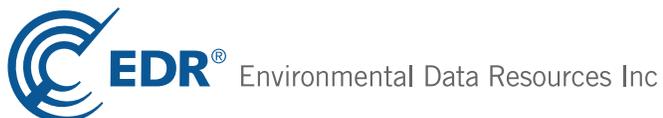
Parcel 15-3-10

Phoenixville, PA 19460

Inquiry Number: 03606757.8r

May 14, 2013

The EDR Radius Map™ Report with GeoCheck®



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

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Thank you for your business.
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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

PARCEL 15-3-10
PHOENIXVILLE, PA 19460

COORDINATES

Latitude (North): 40.1495000 - 40° 8' 58.20"
Longitude (West): 75.5073000 - 75° 30' 26.28"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 456790.4
UTM Y (Meters): 4444263.5
Elevation: 94 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 40075-B5 PHOENIXVILLE, PA
Most Recent Revision: 1983

East Map: 40075-B4 COLLEGEVILLE, PA
Most Recent Revision: 1992

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2010
Source: USDA

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

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

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

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

SWF/LF..... Operating Facilities

State and tribal leaking storage tank lists

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

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

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

State and tribal institutional control / engineering control registries

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

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing
VCP..... Voluntary Cleanup Program Listing

State and tribal Brownfields 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

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
HIST LF..... Abandoned Landfill Inventory
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

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

Local Lists of Registered Storage Tanks

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

Local Land Records

LIENS 2..... CERCLA Lien Information
ACT 2-DEED..... Act 2-Deed Acknowledgment Sites

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

EXECUTIVE SUMMARY

SPILLS..... State spills

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
US MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
FINDS..... Facility Index System/Facility Registry System
RAATS..... RCRA Administrative Action Tracking System
RMP..... Risk Management Plans
NPDES..... NPDES Permit Listing
UIC..... Underground Injection Wells
MANIFEST..... Manifest Information
DRYCLEANERS..... Drycleaner Facility Locations
AIRS..... Permit and Emissions Inventory Data
INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
PRP..... Potentially Responsible Parties
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
MINES..... MINES
2020 COR ACTION..... 2020 Corrective Action Program List
LEAD SMELTERS..... Lead Smelter Sites
EPA WATCH LIST..... EPA WATCH LIST
US FIN ASSUR..... Financial Assurance Information
PCB TRANSFORMER..... PCB Transformer Registration Database
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat..... EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners..... EDR Exclusive Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

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

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

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

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

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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

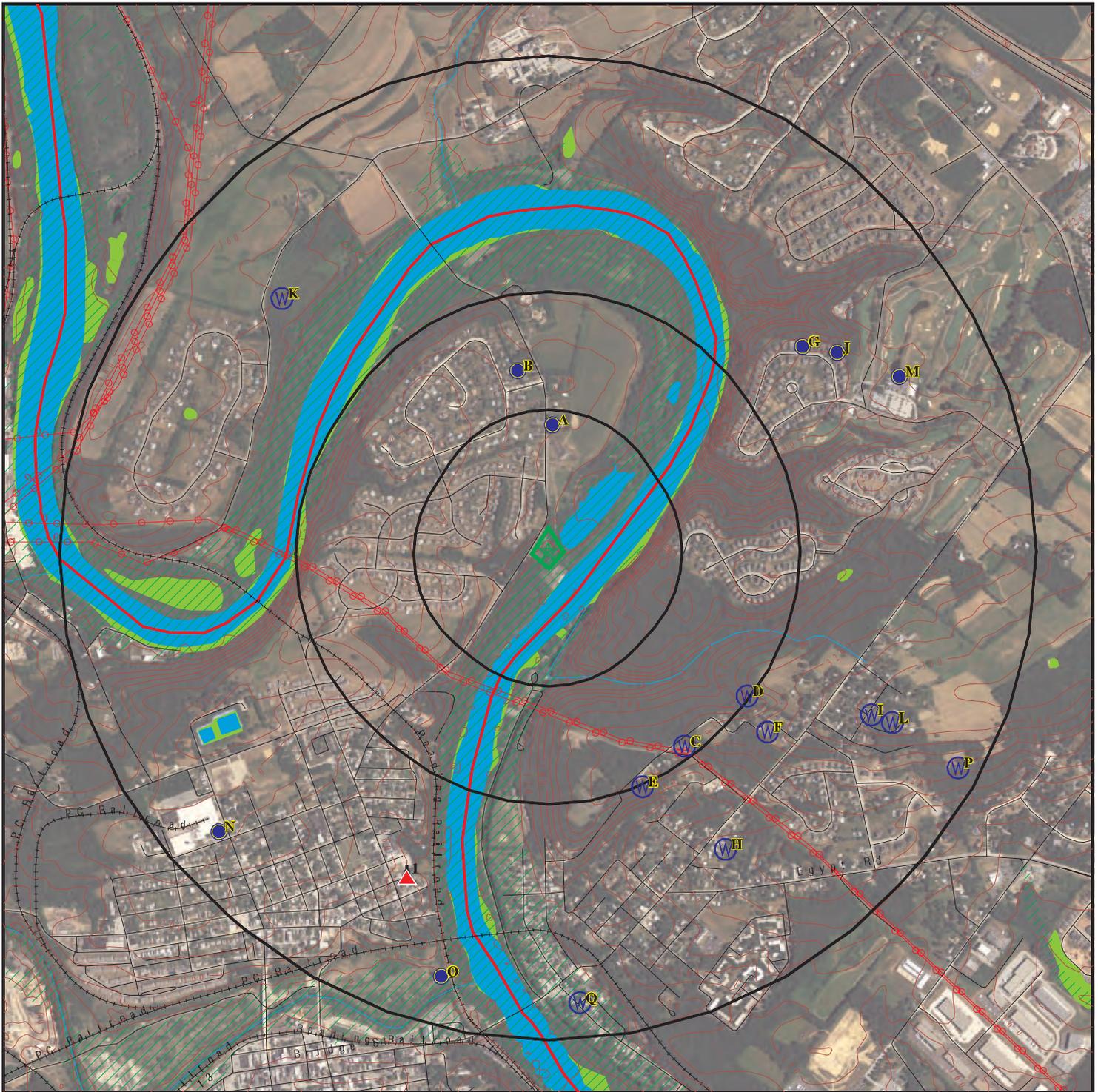
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CONSOLIDATED SCHUYLKILL GAS CO	PENN STREET	SSW 1/2 - 1 (0.720 mi.)	1	7

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 7 records.

<u>Site Name</u>	<u>Database(s)</u>
TEXACO SVC STA 100219	ARCHIVE UST
TEXACO 14 045 0004	LUST
COWAN OLDSMOBILE CADILLAC GMC TRUC	LUST
MURRAY LINCOLN MERCURY	LUST
WAWA FOOD MKT 284	UST
PENNSYLVANIA GRANITE CORP	US MINES
WEST CO INC TECHNICAL CENTER	MANIFEST

OVERVIEW MAP - 03606757.8r



 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

 Oil & Gas pipelines from USGS

 100-year flood zone

 500-year flood zone

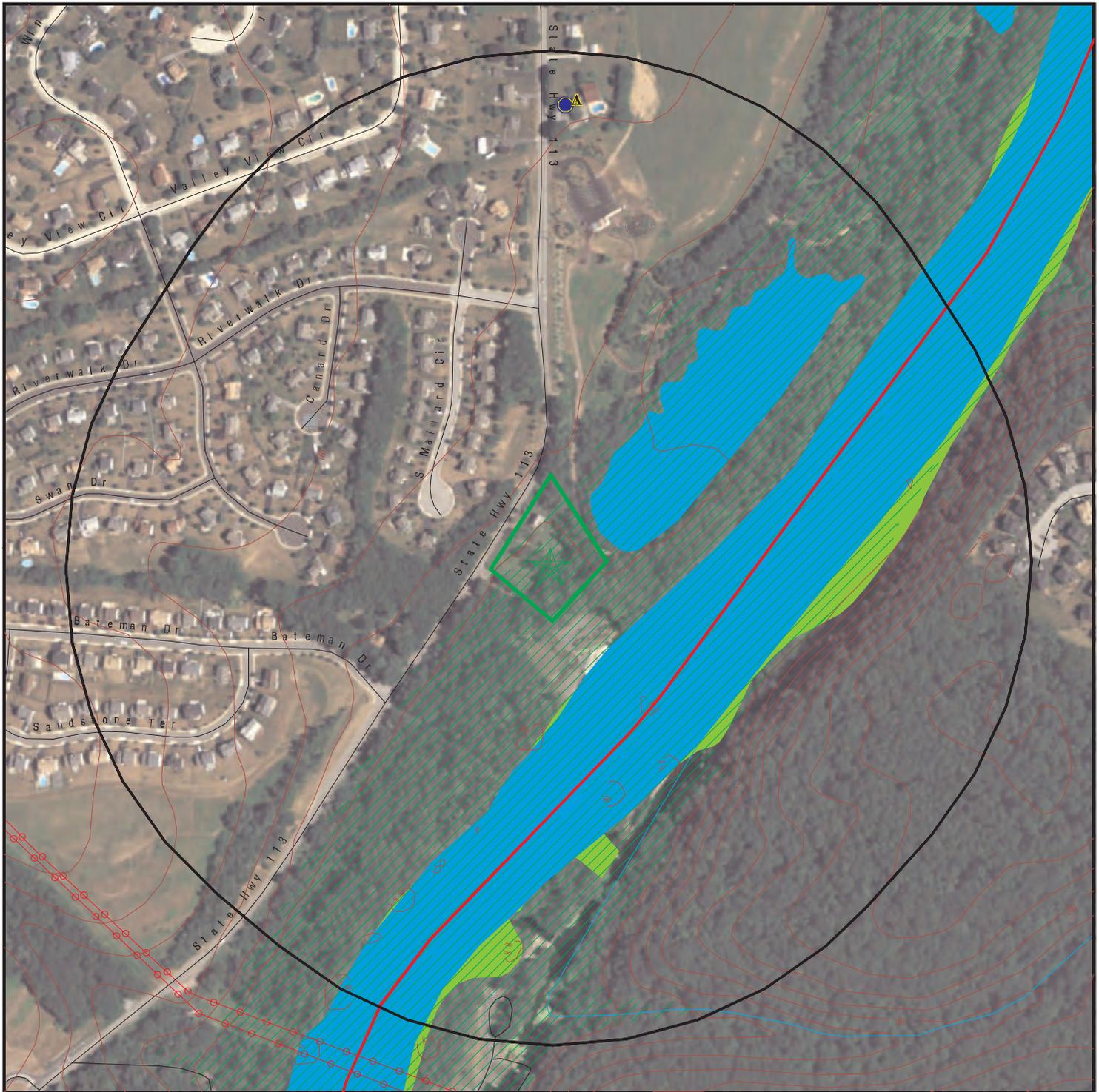
 National Wetland Inventory

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

SITE NAME: Black Rock Preserve
 ADDRESS: Parcel 15-3-10
 Phoenixville PA 19460
 LAT/LONG: 40.1495 / 75.5073

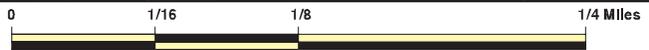
CLIENT: Brickhouse Environmental
 CONTACT: Lynda Tyson
 INQUIRY #: 03606757.8r
 DATE: May 14, 2013 4:45 pm

DETAIL MAP - 03606757.8r



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

-  Indian Reservations BIA
-  County Boundary
-  Power transmission lines
-  Oil & Gas pipelines from USGS
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory



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

SITE NAME: Black Rock Preserve
 ADDRESS: Parcel 15-3-10
 Phoenixville PA 19460
 LAT/LONG: 40.1495 / 75.5073

CLIENT: Brickhouse Environmental
 CONTACT: Lynda Tyson
 INQUIRY #: 03606757.8r
 DATE: May 14, 2013 4:46 pm

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>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
SHWS	1.000		0	0	0	0	NR	0
HSCA	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	NR	NR	0
UNREG LTANKS	0.500		0	0	0	NR	NR	0
LAST	0.500		0	0	0	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
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
AUL	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
ARCHIVE UST	0.250		0	0	NR	NR	NR	0
ARCHIVE AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
ACT 2-DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	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

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	1	NR	1
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
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1 SSW 1/2-1 0.720 mi. 3804 ft.	CONSOLIDATED SCHUYLKILL GAS CO PENN STREET PHOENIXVILLE, PA 19460	EDR MGP	1008408597 N/A
Relative: Higher	Manufactured Gas Plants: Alternate Name: PHILADELPHIA GAS AND ELECTRIC CO. No additional information available		
Actual: 137 ft.			

Count: 7 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CHESTER COUNTY	M300001990	PENNSYLVANIA GRANITE CORP	AMERICAN BLACK QUARRY		US MINES
PHOENIXVILLE	S105800170	TEXACO 14 045 0004	724 RT 1 W		LUST
PHOENIXVILLE	S111117043	TEXACO SVC STA 100219	74 RT 1 W	19460	ARCHIVE UST
PHOENIXVILLE	S105800064	COWAN OLDSMOBILE CADILLAC GMC TRUC	RT 113		LUST
PHOENIXVILLE	S109248219	WEST CO INC TECHNICAL CENTER	RT 113	19460	MANIFEST
PHOENIXVILLE	S105800113	MURRAY LINCOLN MERCURY	RT 724		LUST
ROYERSFORD	U003918984	WAWA FOOD MKT 284	RT 422 & WALNUT ST	19468	UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 02/01/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: N/A
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 05/09/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/22/2013
	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: 02/01/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: N/A
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 05/09/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 02/01/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: N/A
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 05/09/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Quarterly

Federal CERCLIS list

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

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/04/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: 703-412-9810
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 04/05/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 06/10/2013
	Data Release Frequency: Quarterly

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: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2012	Telephone: 703-603-8704
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 04/10/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/05/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: 703-412-9810
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 04/05/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/21/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 6

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 03/14/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/29/2013	Telephone: 703-603-0695
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 03/11/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/14/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/29/2013	Telephone: 703-603-0695
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 03/11/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 02/18/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/03/2013
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2012	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/17/2013	Telephone: 202-267-2180
Date Made Active in Reports: 02/15/2013	Last EDR Contact: 04/02/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Annually

State- and tribal - equivalent NPL

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: 01/08/2013	Source: Department Environmental Protection
Date Data Arrived at EDR: 01/24/2013	Telephone: 717-783-7816
Date Made Active in Reports: 02/19/2013	Last EDR Contact: 04/26/2013
Number of Days to Update: 26	Next Scheduled EDR Contact: 08/05/2013
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2012	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/25/2013	Telephone: 717-783-7816
Date Made Active in Reports: 02/19/2013	Last EDR Contact: 04/24/2013
Number of Days to Update: 25	Next Scheduled EDR Contact: 08/05/2013
	Data Release Frequency: Varies

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

SWF/LF: Operating Facilities

The listing includes Municipal Waste Landfills, Construction/Demolition Waste Landfills and Waste-to-Energy Facilities.

Date of Government Version: 02/26/2013	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/28/2013	Telephone: 717-787-7564
Date Made Active in Reports: 04/17/2013	Last EDR Contact: 02/26/2013
Number of Days to Update: 48	Next Scheduled EDR Contact: 06/10/2013
	Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

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: 03/04/2013	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/20/2013	Telephone: 717-783-7509
Date Made Active in Reports: 04/18/2013	Last EDR Contact: 05/02/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/01/2013
	Data Release Frequency: Semi-Annually

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

LAST: Storage Tank Release Sites

Leaking Aboveground Storage Tank Incident Reports.

Date of Government Version: 03/04/2013	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/20/2013	Telephone: 717-783-7509
Date Made Active in Reports: 04/18/2013	Last EDR Contact: 05/02/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/01/2013
	Data Release Frequency: Semi-Annually

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: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6271
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 04/29/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 02/05/2013	Source: EPA Region 10
Date Data Arrived at EDR: 02/06/2013	Telephone: 206-553-2857
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 65	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 09/28/2012	Source: EPA Region 1
Date Data Arrived at EDR: 11/01/2012	Telephone: 617-918-1313
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 05/01/2013
Number of Days to Update: 162	Next Scheduled EDR Contact: 08/12/2013
	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: 12/31/2012	Source: EPA Region 7
Date Data Arrived at EDR: 02/28/2013	Telephone: 913-551-7003
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 43	Next Scheduled EDR Contact: 08/12/2013
	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: 09/12/2011	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 04/29/2013
Number of Days to Update: 59	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Varies

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

Date of Government Version: 02/06/2013	Source: EPA Region 4
Date Data Arrived at EDR: 02/08/2013	Telephone: 404-562-8677
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Semi-Annually

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: 03/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2013	Telephone: 415-972-3372
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Quarterly

State and tribal registered storage tank lists

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/21/2013
Date Made Active in Reports: 04/17/2013
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: 717-772-5599
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/01/2013
Data Release Frequency: Varies

AST: Listing of Pennsylvania Regulated Aboveground Storage Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/21/2013
Date Made Active in Reports: 04/17/2013
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: 717-772-5599
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/01/2013
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/06/2013
Date Data Arrived at EDR: 02/08/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Semi-Annually

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: 12/31/2012
Date Data Arrived at EDR: 02/28/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 43

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
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: 08/02/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 94

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
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: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Semi-Annually

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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/28/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 11/07/2012	Telephone: 617-918-1313
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 156	Next Scheduled EDR Contact: 08/12/2013
	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: 02/05/2013	Source: EPA Region 10
Date Data Arrived at EDR: 02/06/2013	Telephone: 206-553-2857
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 65	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Quarterly

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: 02/21/2013	Source: EPA Region 9
Date Data Arrived at EDR: 02/26/2013	Telephone: 415-972-3368
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 45	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6137
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 04/29/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 04/18/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 07/29/2013
	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: 04/24/2013
Number of Days to Update: 27	Next Scheduled EDR Contact: 08/05/2013
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AUL: Environmental Covenants Listing

A listing of sites with environmental covenants.

Date of Government Version: 01/22/2013
Date Data Arrived at EDR: 01/24/2013
Date Made Active in Reports: 02/19/2013
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 04/23/2013
Next Scheduled EDR Contact: 08/05/2013
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 05/16/2008
Date Made Active in Reports: 06/12/2008
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: 717-783-9470
Last EDR Contact: 04/24/2013
Next Scheduled EDR Contact: 08/05/2013
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 14

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/05/2013
Next Scheduled EDR Contact: 07/15/2013
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: 01/15/2013
Date Data Arrived at EDR: 01/16/2013
Date Made Active in Reports: 02/19/2013
Number of Days to Update: 34

Source: Department of Environmental Protection
Telephone: 717-783-2388
Last EDR Contact: 04/17/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Semi-Annually

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites

Brownfields are generally defined as abandoned or underused industrial or commercial properties where redevelopment is complicated by actual or perceived environmental contamination. Brownfields vary in size, location, age and past use. They can range from a small, abandoned corner gas station to a large, multi-acre former manufacturing plant that has been closed for years.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/19/2013
Date Data Arrived at EDR: 02/21/2013
Date Made Active in Reports: 04/17/2013
Number of Days to Update: 55

Source: Department of Environmental Protection
Telephone: 717-783-1566
Last EDR Contact: 04/24/2013
Next Scheduled EDR Contact: 08/05/2013
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/10/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/26/2013
Next Scheduled EDR Contact: 07/08/2013
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 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: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: No Update Planned

HIST LF INACTIVE: Inactive Facilities List

A listing of inactive non-hazardous facilities (10000 & 300000 series). This listing is no longer updated or maintained by the Department of Environmental Protection. At the time the listing was available, the DEP's name was the Department of Environmental Resources.

Date of Government Version: 12/20/1994
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST LF INVENTORY: Facility Inventory

A listing of solid waste facilities. This listing is no longer updated or maintained by the Department of Environmental Protection. At the time the listing was available, the DEP's name was the Department of Environmental Resources.

Date of Government Version: 06/02/1999	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/12/2005	Telephone: 717-787-7381
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 09/19/2005
Number of Days to Update: 30	Next Scheduled EDR Contact: 12/19/2005
	Data Release Frequency: No Update Planned

HIST LF ALI: 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: 01/04/2005	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/04/2005	Telephone: 717-787-7564
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 11/26/2012
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 05/03/2013
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/19/2013
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

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

Date of Government Version: 03/04/2013	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/12/2013	Telephone: 202-307-1000
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 03/04/2013
Number of Days to Update: 59	Next Scheduled EDR Contact: 06/17/2013
	Data Release Frequency: Quarterly

US HIST CDL: National Clandestine Laboratory Register

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

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

Local Lists of Registered Storage Tanks

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/01/2013	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/21/2013	Telephone: 717-772-5599
Date Made Active in Reports: 04/18/2013	Last EDR Contact: 05/02/2013
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/01/2013
	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: 03/01/2013	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/21/2013	Telephone: 717-772-5599
Date Made Active in Reports: 04/18/2013	Last EDR Contact: 05/02/2013
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/01/2013
	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: 02/06/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/25/2013	Telephone: 202-564-6023
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Varies

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	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/28/2010	Telephone: 717-783-9470
Date Made Active in Reports: 04/30/2010	Last EDR Contact: 07/22/2011
Number of Days to Update: 2	Next Scheduled EDR Contact: 11/07/2011
	Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/31/2012	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/03/2013	Telephone: 202-366-4555
Date Made Active in Reports: 02/27/2013	Last EDR Contact: 04/02/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS: State spills

A listing of hazardous material incidents.

Date of Government Version: 01/16/2013
Date Data Arrived at EDR: 01/24/2013
Date Made Active in Reports: 02/19/2013
Number of Days to Update: 26

Source: DEP, Emergency Response
Telephone: 717-787-5715
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Varies

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

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

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/07/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/19/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 15

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/11/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 01/15/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/01/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/18/2012	Source: EPA
Date Data Arrived at EDR: 03/13/2013	Telephone: 703-416-0223
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 03/13/2013
Number of Days to Update: 30	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 02/25/2013
Number of Days to Update: 146	Next Scheduled EDR Contact: 06/10/2013
	Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/05/2013	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 04/18/2013	Telephone: 303-231-5959
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 03/06/2013
Number of Days to Update: 22	Next Scheduled EDR Contact: 06/17/2013
	Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 09/01/2011	Telephone: 202-566-0250
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 02/26/2013
Number of Days to Update: 131	Next Scheduled EDR Contact: 06/10/2013
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 03/28/2013
Number of Days to Update: 64	Next Scheduled EDR Contact: 07/08/2013
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 02/25/2013
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/10/2013
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 02/25/2013
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/10/2013
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 04/29/2013
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 04/15/2013
Number of Days to Update: 61	Next Scheduled EDR Contact: 07/29/2013
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/01/2012	Source: EPA
Date Data Arrived at EDR: 01/16/2013	Telephone: 202-566-0500
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 04/19/2013
Number of Days to Update: 114	Next Scheduled EDR Contact: 07/29/2013
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 06/21/2011	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/15/2011	Telephone: 301-415-7169
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 03/11/2013
Number of Days to Update: 60	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 04/09/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/11/2013	Telephone: 202-343-9775
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 04/11/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 10/23/2011	Source: EPA
Date Data Arrived at EDR: 12/13/2011	Telephone: (215) 814-5000
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 03/12/2013
Number of Days to Update: 79	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/08/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/25/2012	Telephone: 202-564-8600
Date Made Active in Reports: 07/10/2012	Last EDR Contact: 04/29/2013
Number of Days to Update: 46	Next Scheduled EDR Contact: 08/12/2013
	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: 12/31/2011	Source: EPA/NTIS
Date Data Arrived at EDR: 02/26/2013	Telephone: 800-424-9346
Date Made Active in Reports: 04/19/2013	Last EDR Contact: 02/26/2013
Number of Days to Update: 52	Next Scheduled EDR Contact: 06/10/2013
	Data Release Frequency: Biennially

UIC: Underground Injection Wells

A listing of underground injection well locations.

Date of Government Version: 03/26/2013	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/26/2013	Telephone: 717-783-7209
Date Made Active in Reports: 04/18/2013	Last EDR Contact: 03/26/2013
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/08/2013
	Data Release Frequency: Varies

NPDES: NPDES Permit Listing

A listing of facilities with an NPDES permit.

Date of Government Version: 12/26/2012	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/13/2013	Telephone: 717-787-9642
Date Made Active in Reports: 04/18/2013	Last EDR Contact: 03/13/2013
Number of Days to Update: 36	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Varies

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/23/2012	Telephone: 717-783-8990
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 04/23/2013
Number of Days to Update: 57	Next Scheduled EDR Contact: 08/05/2013
	Data Release Frequency: Annually

DRYCLEANERS: Drycleaner Facility Locations

A listing of drycleaner facility locations.

Date of Government Version: 03/25/2013	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/25/2013	Telephone: 717-787-9702
Date Made Active in Reports: 04/18/2013	Last EDR Contact: 03/25/2013
Number of Days to Update: 24	Next Scheduled EDR Contact: 07/08/2013
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AIRS: Permit and Emissions Inventory Data
Permit and emissions inventory data.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 01/04/2013
Date Made Active in Reports: 02/15/2013
Number of Days to Update: 42

Source: Department of Environmental Protection
Telephone: 717-787-9702
Last EDR Contact: 04/01/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Annually

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

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

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/19/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Semi-Annually

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: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/06/2013
Next Scheduled EDR Contact: 08/05/2013
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: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/03/2013
Next Scheduled EDR Contact: 08/12/2013
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: 03/04/2013
Date Data Arrived at EDR: 03/15/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/19/2013
Next Scheduled EDR Contact: 06/03/2013
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/18/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/10/2013
Next Scheduled EDR Contact: 08/26/2013
Data Release Frequency: Quarterly

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 01/23/2013
Date Data Arrived at EDR: 01/30/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 04/01/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Annually

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: 01/23/2013
Date Data Arrived at EDR: 01/30/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 04/01/2013
Next Scheduled EDR Contact: 07/15/2013
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: 10/02/2012
Date Data Arrived at EDR: 01/30/2013
Date Made Active in Reports: 02/21/2013
Number of Days to Update: 22

Source: PASDA
Telephone: 814-863-0104
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/19/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: N/A

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/02/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 04/04/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2012	Telephone: 703-308-4044
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 02/15/2013
Number of Days to Update: 7	Next Scheduled EDR Contact: 05/27/2013
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/14/2013	Telephone: 703-603-8787
Date Made Active in Reports: 02/27/2013	Last EDR Contact: 04/08/2013
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/22/2013
	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: 08/17/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2011	Telephone: N/A
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 03/15/2013
Number of Days to Update: 77	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Varies

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 04/18/2013
Number of Days to Update: 76	Next Scheduled EDR Contact: 07/29/2013
	Data Release Frequency: Varies

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.

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: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

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

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

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: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

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: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/18/2013
Date Data Arrived at EDR: 02/18/2013
Date Made Active in Reports: 03/21/2013
Number of Days to Update: 31

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/18/2013
Next Scheduled EDR Contact: 06/03/2013
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/19/2013
Next Scheduled EDR Contact: 07/29/2013
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: 02/01/2013
Date Data Arrived at EDR: 02/07/2013
Date Made Active in Reports: 03/15/2013
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/09/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 39

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 02/15/2013
Date Data Arrived at EDR: 02/21/2013
Date Made Active in Reports: 03/15/2013
Number of Days to Update: 22

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 01/21/2013
Next Scheduled EDR Contact: 05/06/2013
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/18/2013
Next Scheduled EDR Contact: 07/01/2013
Data Release Frequency: Annually

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

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.
Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

BLACK ROCK PRESERVE
PARCEL 15-3-10
PHOENIXVILLE, PA 19460

TARGET PROPERTY COORDINATES

Latitude (North):	40.1495 - 40° 8' 58.20"
Longitude (West):	75.5073 - 75° 30' 26.28"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	456790.4
UTM Y (Meters):	4444263.5
Elevation:	94 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	40075-B5 PHOENIXVILLE, PA
Most Recent Revision:	1983
East Map:	40075-B4 COLLEGEVILLE, PA
Most Recent Revision:	1992

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 principal 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).

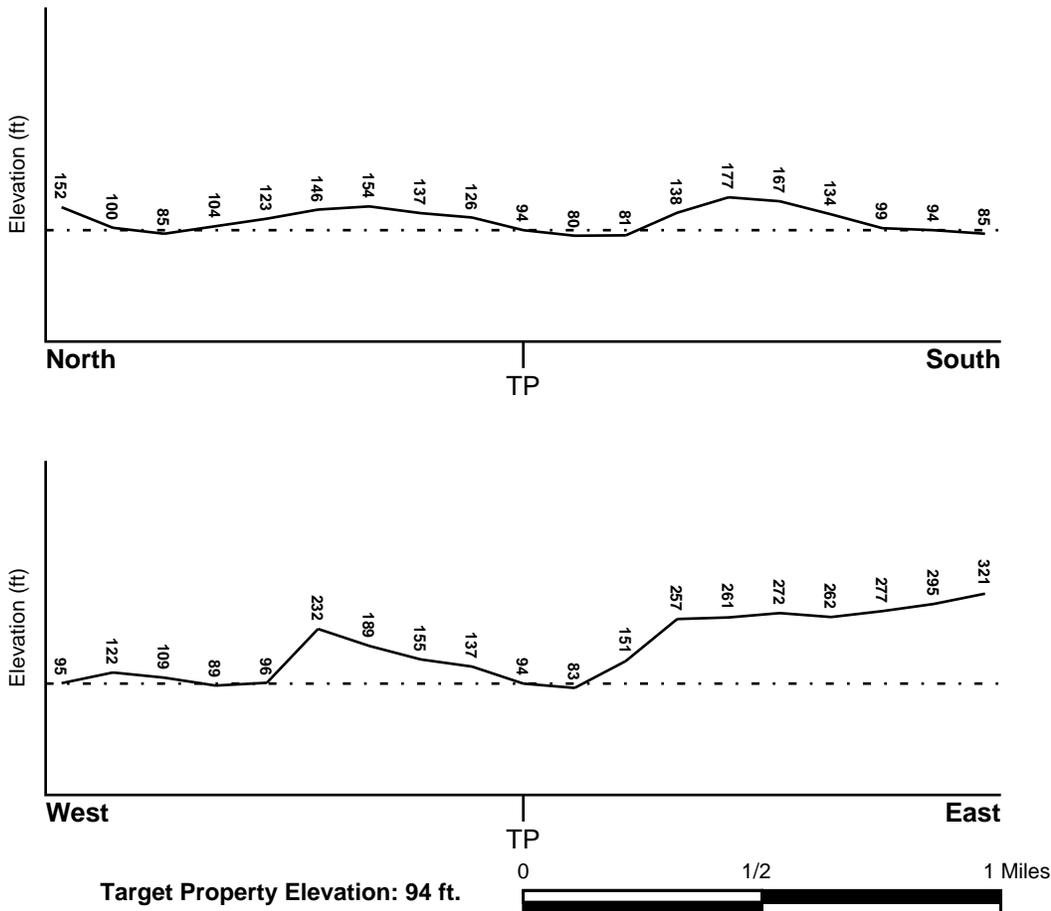
TOPOGRAPHIC INFORMATION

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 SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Target Property County</u> CHESTER, PA	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	42029C - FEMA DFIRM Flood data
Additional Panels in search area:	42091C - FEMA DFIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> PHOENIXVILLE	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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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	USGS40001010643	1/4 - 1/2 Mile North
B4	USGS40001010689	1/4 - 1/2 Mile North
G16	USGS40001010714	1/2 - 1 Mile NE
J22	USGS40001010705	1/2 - 1 Mile NE
M30	USGS40001010677	1/2 - 1 Mile ENE
N33	USGS40001010285	1/2 - 1 Mile SW
O35	USGS40001010159	1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
G17	PA1460078	1/2 - 1 Mile NE

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

STATE DATABASE WELL INFORMATION

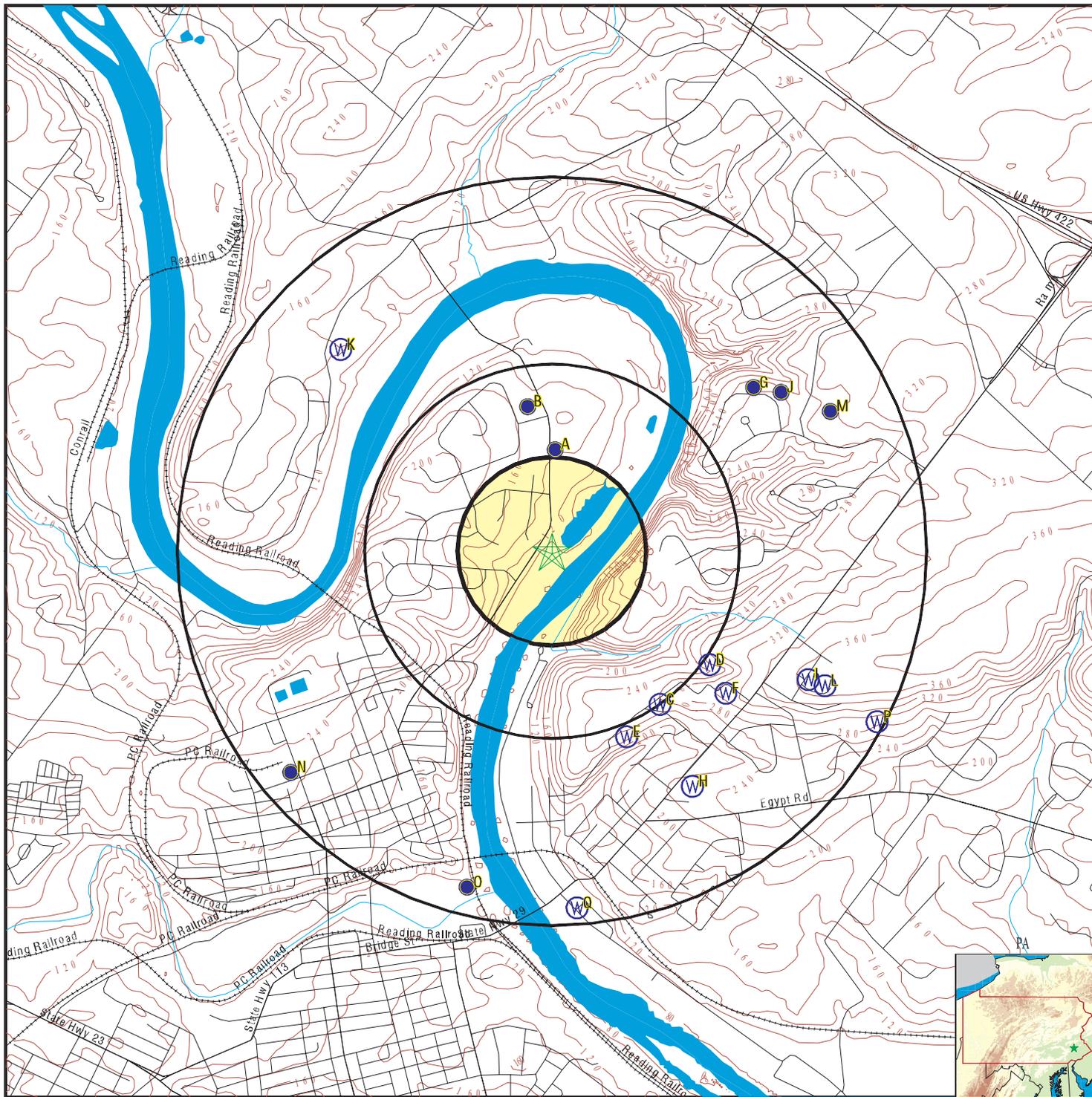
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	PASI30000053096	1/4 - 1/2 Mile North
B3	PASI30000053322	1/4 - 1/2 Mile North
C5	PASI30000051767	1/4 - 1/2 Mile SSE
C6	PASI30000051803	1/2 - 1 Mile SE
C7	SPAW0127104	1/2 - 1 Mile SSE
C8	SPAW0127103	1/2 - 1 Mile SE
D9	PASI30000051984	1/2 - 1 Mile SE
D10	SPAW0127080	1/2 - 1 Mile SE
E11	PASI30000051592	1/2 - 1 Mile SSE
E12	SPAW0126949	1/2 - 1 Mile SSE
F13	SPAW0126900	1/2 - 1 Mile SE
F14	PASI30000051847	1/2 - 1 Mile SE
G15	PASI30000053452	1/2 - 1 Mile NE
H18	SPAW0127110	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
H19	PASI30000051221	1/2 - 1 Mile SSE
I20	PASI30000051920	1/2 - 1 Mile ESE
I21	SPAW0127076	1/2 - 1 Mile ESE
J23	PASI30000053412	1/2 - 1 Mile NE
K24	SPAW0127075	1/2 - 1 Mile NW
K25	PASI30000053650	1/2 - 1 Mile NW
I26	SPAW0126910	1/2 - 1 Mile ESE
I27	PASI30000051921	1/2 - 1 Mile ESE
L28	SPAW0126911	1/2 - 1 Mile ESE
L29	PASI30000051881	1/2 - 1 Mile ESE
M31	PASI30000053283	1/2 - 1 Mile ENE
M32	PASI30000053323	1/2 - 1 Mile ENE
N34	PASI30000051344	1/2 - 1 Mile SW
O36	PASI30000050561	1/2 - 1 Mile SSW
P37	PASI30000051675	1/2 - 1 Mile ESE
P38	SPAW0126920	1/2 - 1 Mile ESE
Q39	SPAW0127000	1/2 - 1 Mile South
Q40	PASI30000050418	1/2 - 1 Mile South
P41	SPAW0126899	1/2 - 1 Mile ESE
P42	PASI30000051715	1/2 - 1 Mile ESE
P43	SPAW0126897	1/2 - 1 Mile ESE
P44	PASI30000051676	1/2 - 1 Mile ESE
P45	PASI30000051716	1/2 - 1 Mile ESE
P46	SPAW0126898	1/2 - 1 Mile ESE
P47	PASI30000051593	1/2 - 1 Mile ESE
P48	SPAW0126940	1/2 - 1 Mile ESE

PHYSICAL SETTING SOURCE MAP - 03606757.8r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Oil, gas or related wells



SITE NAME: Black Rock Preserve
 ADDRESS: Parcel 15-3-10
 Phoenixville PA 19460
 LAT/LONG: 40.1495 / 75.5073

CLIENT: Brickhouse Environmental
 CONTACT: Lynda Tyson
 INQUIRY #: 03606757.8r
 DATE: May 14, 2013 4:46 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1
North
1/4 - 1/2 Mile
Higher

FED USGS USGS40001010643

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-400912075302701		
Monloc name:	CH 3167		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1534372
Longitude:	-75.507132	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	141
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Lockatong Formation		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

1987-11-25	25.52	

A2
North
1/4 - 1/2 Mile
Higher

PA WELLS PASI30000053096

Dep counter:	0	Siteid:	400912075302701
Transactio:	1	Local welln:	CH 3167
County:	CHESTER	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	0
Elevation:	140		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	PHOENIXVILLE
Type of site:	WELL	Date created:	06/29/1988
Date updated:	03/03/1990		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	PHOENIXVILLE BORO		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1533333333		
Longitude dd:	-75.5075		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	03/20/1989	Pagwis id:	12015
Source site:	1	Local permit:	Not Reported
Latest owner:	12078	Driller sc:	0
Latest prod:	35859	Latest well:	12015
Site id:	PASI30000053096		

B3
North
1/4 - 1/2 Mile
Higher

PA WELLS PASI30000053322

Dep counter:	0	Siteid:	400918075303201
Transactio:	3	Local welln:	CH 4768
County:	CHESTER	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	Not Reported	Well depth:	0
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	Not Reported	Quad code:	PHOENIXVILLE
Type of site:	WELL	Date created:	09/06/1995
Date updated:	12/17/1997		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	Not Reported		
Municipality:	PHOENIXVILLE BORO		
Latitude dd:	40.155		
Longitude dd:	-75.5088888889		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01/01/1966	Pagwis id:	43457
Source site:	1	Local permit:	Not Reported
Latest owner:	43127	Driller sc:	0
Latest prod:	0	Latest well:	43457
Site id:	PASI30000053322		

B4
North
1/4 - 1/2 Mile
Higher

FED USGS USGS40001010689

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-400918075303201		
Monloc name:	CH 4768		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1551038
Longitude:	-75.5085208	Sourcemap scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	147
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Lockatong Formation		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
-----			-----		
1995-08-14	42.61		1995-08-09	39.40	

C5
SSE
1/4 - 1/2 Mile
Higher

PA WELLS PASI30000051767

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 1918
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	1
Topography:	HILLSIDE	Well depth:	256
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	Not Reported
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	PHOENIXVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	UPPER PROVIDENCE TWP.		
Latitude dd:	40.1433333333		
Longitude dd:	-75.5025		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	3
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01/01/1986	Pagwis id:	171635
Source site:	2	Local permit:	Not Reported
Latest owner:	170754	Driller sc:	0
Latest prod:	171730	Latest well:	173195
Site id:	PASI30000051767		

C6
SE
1/2 - 1 Mile
Higher

PA WELLS PASI30000051803

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 1917
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	1
Topography:	HILLSIDE	Well depth:	257
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	Not Reported
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	PHOENIXVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	UPPER PROVIDENCE TWP.		
Latitude dd:	40.1436111111		
Longitude dd:	-75.5019444444		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	14
Bedrock not:	0	Saltwaterz:	0
Date drilled:	07/01/1985	Pagwis id:	171634
Source site:	2	Local permit:	Not Reported
Latest owner:	170753	Driller sc:	0
Latest prod:	171729	Latest well:	173194
Site id:	PASI30000051803		

**C7
SSE
1/2 - 1 Mile
Higher**

PA WELLS SPAW0127104

Well ID:	X 1918	County	MONTGOMERY
Owner's Name:	EROH J	Longitude:	753009
Latitude:	400836	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	PHOENIXVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	256	Casing1 Diameter(inches):	6
Casing 1:	61	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-00
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	94	Yield Measurement Method:	1
Yield (gpm):	35	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	0462
Bedrock:	3	Water Bearing Zone 1:	249
Water Bearing Zone 1:	128	Lithology:	Not Reported
Water Bearing Zone 3:	Not Reported	Remark:	1741
Municipality:	UPPER PROVIDENCE		
Aquifer:	UNKNOWN		

**C8
SE
1/2 - 1 Mile
Higher**

PA WELLS SPAW0127103

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	X 1917	County	MONTGOMERY
Owner's Name:	EROH J	Longitude:	753007
Latitude:	400837	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	PHOENIXVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	257	Casing1 Diameter(inches):	6
Casing 1:	40	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-00
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	94	Yield Measurement Method:	1
Yield (gpm):	30	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	0462
Bedrock:	14	Water Bearing Zone 2:	110
Water Bearing Zone 1:	75	Lithology:	Not Reported
Water Bearing Zone 3:	243	Remark:	1741
Municipality:	UPPER PROVIDENCE		
Aquifer:	UNKNOWN		

**D9
SE
1/2 - 1 Mile
Higher**

PA WELLS PASI30000051984

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 1107
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	Not Reported	Well depth:	400
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	Not Reported
Accuracy of elev:	Not Reported	Quad code:	COLLEGEVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	UPPER PROVIDENCE TWP.		
Latitude dd:	40.145		
Longitude dd:	-75.4997222222		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	6
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01/01/1972	Pagwis id:	171611
Source site:	2	Local permit:	Not Reported
Latest owner:	170730	Driller sc:	0
Latest prod:	171706	Latest well:	173171
Site id:	PASI30000051984		

**D10
SE
1/2 - 1 Mile
Higher**

PA WELLS SPAW0127080

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	X 1107	County	MONTGOMERY
Owner's Name:	SCHOFIELD ROYLE	Longitude:	752959
Latitude:	400842	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	COLLEGEVILLE	Topographic Setting:	Not Reported
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	400	Casing1 Diameter(inches):	6
Casing 1:	2	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-72
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	80	Yield Measurement Method:	5
Yield (gpm):	1	Test Time:	Not Reported
Drawdown:	320	Driller:	0188
Bedrock:	6	Water Bearing Zone 2:	365
Water Bearing Zone 1:	225	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	1742
Municipality:	UPPER PROVIDENCE		
Aquifer:	LOCKATONG FORMATION		

**E11
SSE
1/2 - 1 Mile
Higher**

PA WELLS PASI30000051592

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	6777N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLTOP	Well depth:	300
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	PHOENIXVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	UPPER PROVIDENCE TWP.		
Latitude dd:	40.1422222222		
Longitude dd:	-75.5038888889		
Well address:	Not Reported	Depth to bedrock:	58
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	171480
Date drilled:	10/01/1989	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	170599	Latest well:	173041
Latest prod:	171575		
Site id:	PASI30000051592		

**E12
SSE
1/2 - 1 Mile
Higher**

PA WELLS SPAW0126949

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	6777N	County	MONTGOMERY
Owner's Name:	REICHERT STEPHEN	Longitude:	753014
Latitude:	400832	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	PHOENIXVILLE	Topographic Setting:	HILLTOP
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	300	Casing1 Diameter(inches):	6
Casing 1:	65	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-89
Grouted:	Yes	Production WL:	Not Reported
Static Water Level:	85	Yield Measurement Method:	Not Reported
Yield (gpm):	35	Test Time:	2
Drawdown:	Not Reported	Driller:	248
Bedrock:	58	Water Bearing Zone 2:	278
Water Bearing Zone 1:	93	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	TEST YIELD METHOD = BLOWN &
Municipality:	UPPER PROVIDENCE		
Aquifer:	LOCKATONG FORMATION		

**F13
SE
1/2 - 1 Mile
Higher**

PA WELLS SPAW0126900

Well ID:	6728N	County	MONTGOMERY
Owner's Name:	HOLY GHOST CHURCH	Longitude:	752956
Latitude:	400838	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	COLLEGEVILLE	Topographic Setting:	HILLTOP
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	IRRIGATION	Finish:	OPEN HOLE
Well Depth:	160	Casing1 Diameter(inches):	6
Casing 1:	42	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	06-90
Grouted:	Yes	Production WL:	Not Reported
Static Water Level:	40	Yield Measurement Method:	Not Reported
Yield (gpm):	10	Test Time:	2
Drawdown:	Not Reported	Driller:	248
Bedrock:	35	Water Bearing Zone 2:	135
Water Bearing Zone 1:	76	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	TEST YIELD METHOD = BLOWN &
Municipality:	UPPER PROVIDENCE		
Aquifer:	LOCKATONG FORMATION		

**F14
SE
1/2 - 1 Mile
Higher**

PA WELLS PASI30000051847

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	6728N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLTOP	Well depth:	160
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	COLLEGEVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	UPPER PROVIDENCE TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1438888889		
Longitude dd:	-75.4988888889		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	35
Bedrock not:	0	Saltwaterz:	0
Date drilled:	06/01/1990	Pagwis id:	171431
Source site:	2	Local permit:	Not Reported
Latest owner:	170550	Driller sc:	0
Latest prod:	171526	Latest well:	172992
Site id:	PASI30000051847		

G15
NE
1/2 - 1 Mile
Higher

PA WELLS PASI30000053452

Dep counter:	0	Siteid:	400921075295201
Transactio:	1	Local welln:	MG 1111
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	350
Elevation:	250		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	5	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	COLLEGEVILLE
Type of site:	WELL	Date created:	01/31/1989
Date updated:	08/25/1989		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	UPPER PROVIDENCE TWP.		
Latitude dd:	40.1558333333		
Longitude dd:	-75.4977777778		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	11/01/1978	Pagwis id:	27643
Source site:	1	Local permit:	Not Reported
Latest owner:	27406	Driller sc:	0
Latest prod:	24134	Latest well:	27643
Site id:	PASI30000053452		

G16
NE
1/2 - 1 Mile
Higher

FED USGS USGS40001010714

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-400921075295201		
Monloc name:	MG 1111		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1559374
Longitude:	-75.4974089	Sourcemap scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	252
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Lockatong Formation		
Aquifer type:	Not Reported		
Construction date:	197811	Welldepth:	350
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1978-11	60	

**G17
NE
1/2 - 1 Mile
Higher**

FRDS PWS PA1460078

Pwsid:	PA1460078	Epa region:	03
State:	PA	County:	Montgomery
Pws name:	RIVER CREST CENTER		
Population Served:	150	Pwssvconn:	20
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Closed	Owner type:	Public/Private
Facility id:	003		
Facility name:	WELL #4		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	DAWN KLOTZ / RIVERCREST		
Original name:	Not Reported		
Contact phone:	610-935-1581	Contact address1:	ROUTE 29
Contact address2:	Not Reported		
Contact city:	MOUNT CLARE		
Contact zip:	19453		
Facility id:	101		
Facility name:	WELL#1		
Facility type:	Sampling_station	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	102		
Facility name:	WELL#3		
Facility type:	Sampling_station	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	103		
Facility name:	WELL#4		
Facility type:	Sampling_station	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facility id:	301		
Facility name:	WELL#1		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	302		
Facility name:	WELL#3		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	303		
Facility name:	WELL#4		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	001		
Facility name:	WELL #1		
Facility type:	Well	Treatment process:	ion exchange
Treatment objective:	softening (hardness removal)		
Facility id:	302		
Facility name:	WELL#3		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	303		
Facility name:	WELL#4		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	001		
Facility name:	WELL #1		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	002		
Facility name:	WELL #2		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	003		
Facility name:	WELL #4		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	101		
Facility name:	WELL#1		
Facility type:	Sampling_station	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	102		
Facility name:	WELL#3		
Facility type:	Sampling_station	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facility id:	103		
Facility name:	WELL#4		
Facility type:	Sampling_station	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	301		
Facility name:	WELL#1		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	302		
Facility name:	WELL#3		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	303		
Facility name:	WELL#4		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	001		
Facility name:	WELL #1		
Facility type:	Well	Treatment process:	ion exchange
Treatment objective:	softening (hardness removal)		
Facility id:	002		
Facility name:	WELL #2		
Facility type:	Well	Treatment process:	ion exchange
Treatment objective:	softening (hardness removal)		
Facility id:	003		
Facility name:	WELL #4		
Facility type:	Well	Treatment process:	ion exchange
Treatment objective:	softening (hardness removal)		
Facility id:	101		
Facility name:	WELL#1		
Facility type:	Sampling_station	Treatment process:	ion exchange
Treatment objective:	softening (hardness removal)		
Facility id:	102		
Facility name:	WELL#3		
Facility type:	Sampling_station	Treatment process:	ion exchange
Treatment objective:	softening (hardness removal)		
Facility id:	103		
Facility name:	WELL#4		
Facility type:	Sampling_station	Treatment process:	ion exchange
Treatment objective:	softening (hardness removal)		
Facility id:	301		
Facility name:	WELL#1		
Facility type:	Treatment_plant	Treatment process:	ion exchange
Treatment objective:	softening (hardness removal)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facility id:	302		
Facility name:	WELL#3		
Facility type:	Treatment_plant	Treatment process:	ion exchange
Treatment objective:	softening (hardness removal)		
Facility id:	303		
Facility name:	WELL#4		
Facility type:	Treatment_plant	Treatment process:	ion exchange
Treatment objective:	softening (hardness removal)		
Facility id:	001		
Facility name:	WELL #1		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	002		
Facility name:	WELL #2		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	003		
Facility name:	WELL #4		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	101		
Facility name:	WELL#1		
Facility type:	Sampling_station	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	102		
Facility name:	WELL#3		
Facility type:	Sampling_station	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	103		
Facility name:	WELL#4		
Facility type:	Sampling_station	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	301		
Facility name:	WELL#1		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	002		
Facility name:	WELL #2		
Facility type:	Well	Treatment process:	ion exchange
Treatment objective:	softening (hardness removal)		
Facility id:	003		
Facility name:	WELL #4		
Facility type:	Well	Treatment process:	ion exchange
Treatment objective:	softening (hardness removal)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facility id:	101		
Facility name:	WELL#1		
Facility type:	Sampling_station	Treatment process:	ion exchange
Treatment objective:	softening (hardness removal)		
Facility id:	102		
Facility name:	WELL#3		
Facility type:	Sampling_station	Treatment process:	ion exchange
Treatment objective:	softening (hardness removal)		
Facility id:	103		
Facility name:	WELL#4		
Facility type:	Sampling_station	Treatment process:	ion exchange
Treatment objective:	softening (hardness removal)		
Facility id:	301		
Facility name:	WELL#1		
Facility type:	Treatment_plant	Treatment process:	ion exchange
Treatment objective:	softening (hardness removal)		
Facility id:	302		
Facility name:	WELL#3		
Facility type:	Treatment_plant	Treatment process:	ion exchange
Treatment objective:	softening (hardness removal)		
Facility id:	303		
Facility name:	WELL#4		
Facility type:	Treatment_plant	Treatment process:	ion exchange
Treatment objective:	softening (hardness removal)		
Facility id:	001		
Facility name:	WELL #1		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	002		
Facility name:	WELL #2		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
PWS ID:	PA1460078		
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	RIVERCREST CENTER RTE 29 MONT CLARE, PA 19453		
Addressee / Facility:	Mailing RIVERCREST CENTER WILLIAM NOLAN 1 PLYMOUTH MEETING, SUITE 200 PLYMOUTH MEETING, PA 19462		
Facility Latitude:	40 09 20	Facility Longitude:	075 29 49
Facility Latitude:	40 09 18	Facility Longitude:	075 29 47
Facility Latitude:	40 09 17	Facility Longitude:	075 29 36
City Served:	Not Reported		
Treatment Class:	Treated	Population:	00000150

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

PWS currently has or had major violation(s) or enforcement: YES

VIOLATIONS INFORMATION:

Violation ID:	9423663	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	01/01/94	Vio. end Date:	03/31/94	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:			000
Analysis Result:	Not Reported	Maximum Contaminant Level:			Not Reported
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	STYRENE				
Vio. Awareness Date:	060194				

Violation ID:	9423662	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	01/01/94	Vio. end Date:	03/31/94	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:			000
Analysis Result:	Not Reported	Maximum Contaminant Level:			Not Reported
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	ETHYLBENZENE				
Vio. Awareness Date:	060194				

Violation ID:	9423661	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	01/01/94	Vio. end Date:	03/31/94	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:			000
Analysis Result:	Not Reported	Maximum Contaminant Level:			Not Reported
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	TOLUENE				
Vio. Awareness Date:	060194				

Violation ID:	9423660	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	01/01/94	Vio. end Date:	03/31/94	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:			000
Analysis Result:	Not Reported	Maximum Contaminant Level:			Not Reported
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	BENZENE				
Vio. Awareness Date:	060194				

Violation ID:	9423659	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	01/01/94	Vio. end Date:	03/31/94	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:			000
Analysis Result:	Not Reported	Maximum Contaminant Level:			Not Reported
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	MONOCHLOROBENZENE (CHLOROBENZENE)				
Vio. Awareness Date:	060194				

Violation ID:	9423658	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	01/01/94	Vio. end Date:	03/31/94	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:			000
Analysis Result:	Not Reported	Maximum Contaminant Level:			Not Reported
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	TETRACHLOROETHYLENE				
Vio. Awareness Date:	060194				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Violation ID:	9423657	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	01/01/94	Vio. end Date:	03/31/94	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	1,1,2-TRICHLOROETHANE				
Vio. Awareness Date:	060194				
Violation ID:	9423656	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	01/01/94	Vio. end Date:	03/31/94	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	TRICHLOROETHYLENE				
Vio. Awareness Date:	060194				
Violation ID:	9423655	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	01/01/94	Vio. end Date:	03/31/94	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	1,2-DICHLOROPROPANE				
Vio. Awareness Date:	060194				
Violation ID:	9423654	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	01/01/94	Vio. end Date:	03/31/94	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	CARBON TETRACHLORIDE				
Vio. Awareness Date:	060194				
Violation ID:	9423653	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	01/01/94	Vio. end Date:	03/31/94	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	1,1,1-TRICHLOROETHANE				
Vio. Awareness Date:	060194				
Violation ID:	9423652	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	01/01/94	Vio. end Date:	03/31/94	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	1,2-DICHLOROETHANE				
Vio. Awareness Date:	060194				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Violation ID:	9423651	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	01/01/94	Vio. end Date:	03/31/94	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	TRANS-1,2-DICHLOROETHYLENE				
Vio. Awareness Date:	060194				
Violation ID:	9423650	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	01/01/94	Vio. end Date:	03/31/94	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	1,1-DICHLOROETHYLENE				
Vio. Awareness Date:	060194				
Violation ID:	9423649	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	01/01/94	Vio. end Date:	03/31/94	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	P-DICHLOROBENZENE				
Vio. Awareness Date:	060194				
Violation ID:	9423648	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	01/01/94	Vio. end Date:	03/31/94	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	O-DICHLOROBENZENE				
Vio. Awareness Date:	060194				
Violation ID:	9423647	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	01/01/94	Vio. end Date:	03/31/94	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	METHYLENE CHLORIDE (DICHLOROMETHANE)				
Vio. Awareness Date:	060194				
Violation ID:	9423646	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	01/01/94	Vio. end Date:	03/31/94	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	XYLENES, TOTAL				
Vio. Awareness Date:	060194				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Violation ID: 9423645 Source ID: 101 PWS Phone: Not Reported
 Vio. beginning Date: 01/01/94 Vio. end Date: 03/31/94 Vio. Period: 003 Months
 Num required Samples: 000 Number of Samples Taken: 000
 Analysis Result: Not Reported Maximum Contaminant Level: Not Reported
 Analysis Method: Not Reported
 Violation Type: Monitoring, Regular
 Contaminant: CIS-1,2-DICHLOROETHYLENE
 Vio. Awareness Date: 060194

Violation ID: 9423644 Source ID: 101 PWS Phone: Not Reported
 Vio. beginning Date: 01/01/94 Vio. end Date: 03/31/94 Vio. Period: 003 Months
 Num required Samples: 000 Number of Samples Taken: 000
 Analysis Result: Not Reported Maximum Contaminant Level: Not Reported
 Analysis Method: Not Reported
 Violation Type: Monitoring, Regular
 Contaminant: 1,2,4-TRICHLOROBENZENE
 Vio. Awareness Date: 060194

ENFORCEMENT INFORMATION:

System Name: RIVER CREST CENTER
 Violation Type: Monitoring, Regular
 Contaminant: 1,2,4-TRICHLOROBENZENE
 Compliance Period: 1994-01-01 - 1994-03-31
 Violation ID: 9423644
 Enforcement Date: Not Reported Enf. Action: Not Reported

System Name: RIVER CREST CENTER
 Violation Type: Monitoring, Regular
 Contaminant: CIS-1,2-DICHLOROETHYLENE
 Compliance Period: 1994-01-01 - 1994-03-31
 Violation ID: 9423645
 Enforcement Date: Not Reported Enf. Action: Not Reported

System Name: RIVER CREST CENTER
 Violation Type: Monitoring, Regular
 Contaminant: XYLENES, TOTAL
 Compliance Period: 1994-01-01 - 1994-03-31
 Violation ID: 9423646
 Enforcement Date: Not Reported Enf. Action: Not Reported

System Name: RIVER CREST CENTER
 Violation Type: Monitoring, Regular
 Contaminant: METHYLENE CHLORIDE (DICHLOROMETHANE)
 Compliance Period: 1994-01-01 - 1994-03-31
 Violation ID: 9423647
 Enforcement Date: Not Reported Enf. Action: Not Reported

System Name: RIVER CREST CENTER
 Violation Type: Monitoring, Regular
 Contaminant: O-DICHLOROBENZENE
 Compliance Period: 1994-01-01 - 1994-03-31
 Violation ID: 9423648
 Enforcement Date: Not Reported Enf. Action: Not Reported

System Name: RIVER CREST CENTER
 Violation Type: Monitoring, Regular
 Contaminant: P-DICHLOROBENZENE
 Compliance Period: 1994-01-01 - 1994-03-31
 Violation ID: 9423649
 Enforcement Date: Not Reported Enf. Action: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	RIVER CREST CENTER		
Violation Type:	Monitoring, Regular		
Contaminant:	1,1-DICHLOROETHYLENE		
Compliance Period:	1994-01-01 - 1994-03-31		
Violation ID:	9423650		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	RIVER CREST CENTER		
Violation Type:	Monitoring, Regular		
Contaminant:	TRANS-1,2-DICHLOROETHYLENE		
Compliance Period:	1994-01-01 - 1994-03-31		
Violation ID:	9423651		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	RIVER CREST CENTER		
Violation Type:	Monitoring, Regular		
Contaminant:	1,2-DICHLOROETHANE		
Compliance Period:	1994-01-01 - 1994-03-31		
Violation ID:	9423652		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	RIVER CREST CENTER		
Violation Type:	Monitoring, Regular		
Contaminant:	1,1,1-TRICHLOROETHANE		
Compliance Period:	1994-01-01 - 1994-03-31		
Violation ID:	9423653		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	RIVER CREST CENTER		
Violation Type:	Monitoring, Regular		
Contaminant:	CARBON TETRACHLORIDE		
Compliance Period:	1994-01-01 - 1994-03-31		
Violation ID:	9423654		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	RIVER CREST CENTER		
Violation Type:	Monitoring, Regular		
Contaminant:	1,2-DICHLOROPROPANE		
Compliance Period:	1994-01-01 - 1994-03-31		
Violation ID:	9423655		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	RIVER CREST CENTER		
Violation Type:	Monitoring, Regular		
Contaminant:	TRICHLOROETHYLENE		
Compliance Period:	1994-01-01 - 1994-03-31		
Violation ID:	9423656		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	RIVER CREST CENTER		
Violation Type:	Monitoring, Regular		
Contaminant:	1,1,2-TRICHLOROETHANE		
Compliance Period:	1994-01-01 - 1994-03-31		
Violation ID:	9423657		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	RIVER CREST CENTER		
Violation Type:	Monitoring, Regular		
Contaminant:	TETRACHLOROETHYLENE		
Compliance Period:	1994-01-01 - 1994-03-31		
Violation ID:	9423658		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	RIVER CREST CENTER		
Violation Type:	Monitoring, Regular		
Contaminant:	MONOCHLOROBENZENE (CHLOROBENZENE)		
Compliance Period:	1994-01-01 - 1994-03-31		
Violation ID:	9423659		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	RIVER CREST CENTER		
Violation Type:	Monitoring, Regular		
Contaminant:	BENZENE		
Compliance Period:	1994-01-01 - 1994-03-31		
Violation ID:	9423660		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	RIVER CREST CENTER		
Violation Type:	Monitoring, Regular		
Contaminant:	TOLUENE		
Compliance Period:	1994-01-01 - 1994-03-31		
Violation ID:	9423661		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	RIVER CREST CENTER		
Violation Type:	Monitoring, Regular		
Contaminant:	ETHYLBENZENE		
Compliance Period:	1994-01-01 - 1994-03-31		
Violation ID:	9423662		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	RIVER CREST CENTER		
Violation Type:	Monitoring, Regular		
Contaminant:	STYRENE		
Compliance Period:	1994-01-01 - 1994-03-31		
Violation ID:	9423663		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	RIVER CREST CENTER		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1994-09-01 - 1994-09-30		
Violation ID:	9480590		
Enforcement Date:	1994-09-07	Enf. Action:	State Compliance Achieved
System Name:	RIVER CREST CENTER		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1994-09-01 - 1994-09-30		
Violation ID:	9480590		
Enforcement Date:	1994-09-02	Enf. Action:	State Site Visit (enforcement)
System Name:	RIVER CREST CENTER		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1994-09-01 - 1994-09-30		
Violation ID:	9480590		
Enforcement Date:	1994-09-01	Enf. Action:	State Violation/Reminder Notice

**H18
SSE
1/2 - 1 Mile
Higher**

PA WELLS SPAW0127110

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	X 1924	County	MONTGOMERY
Owner's Name:	WATKINS R	Longitude:	753002
Latitude:	400825	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	PHOENIXVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	221	Casing1 Diameter(inches):	6
Casing 1:	60	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-00
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	115	Yield Measurement Method:	Not Reported
Yield (gpm):	15	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	0512
Bedrock:	50	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	200	Lithology:	Not Reported
Water Bearing Zone 3:	Not Reported	Remark:	1741
Municipality:	UPPER PROVIDENCE		
Aquifer:	UNKNOWN		

**H19
SSE
1/2 - 1 Mile
Higher**

PA WELLS PASI30000051221

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 1924
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	1
Topography:	HILLSIDE	Well depth:	221
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	Not Reported
Accuracy of elev:	Not Reported	Quad code:	PHOENIXVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	UPPER PROVIDENCE TWP.		
Latitude dd:	40.1402777778		
Longitude dd:	-75.5005555556		
Well address:	Not Reported	Depth to bedrock:	50
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	171641
Date drilled:	01/01/1967	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	170760	Latest well:	173201
Latest prod:	171736		
Site id:	PASI30000051221		

**I20
ESE
1/2 - 1 Mile
Higher**

PA WELLS PASI30000051920

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 0891
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231DIBS
Topography:	Not Reported	Well depth:	390
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	Not Reported
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	COLLEGEVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	UPPER PROVIDENCE TWP.		
Latitude dd:	40.1444444444		
Longitude dd:	-75.4952777778		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	8
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01/01/1974	Pagwis id:	171607
Source site:	2	Local permit:	Not Reported
Latest owner:	170726	Driller sc:	0
Latest prod:	171702	Latest well:	173167
Site id:	PASI30000051920		

**I21
ESE
1/2 - 1 Mile
Higher**

PA WELLS SPAW0127076

Well ID:	X 0891	County	MONTGOMERY
Owner's Name:	RIBICK ROBERT	Longitude:	752943
Latitude:	400840	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	COLLEGEVILLE	Topographic Setting:	Not Reported
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	390	Casing1 Diameter(inches):	6
Casing 1:	29	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-74
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	130	Yield Measurement Method:	5
Yield (gpm):	2	Test Time:	Not Reported
Drawdown:	260	Driller:	0188
Bedrock:	8	Water Bearing Zone 2:	370
Water Bearing Zone 1:	282	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	1742
Municipality:	UPPER PROVIDENCE		
Aquifer:	DIABASE DIKES AND SILLS		

**J22
NE
1/2 - 1 Mile
Higher**

FED USGS USGS40001010705

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-400920075294601		
Monloc name:	MG 1110		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1556596
Longitude:	-75.4957422	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	245
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Lockatong Formation		
Aquifer type:	Not Reported		
Construction date:	1978	Welldepth:	320
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**J23
NE
1/2 - 1 Mile
Higher**

PA WELLS PASI30000053412

Dep counter:	0	Siteid:	400920075294601
Transactio:	1	Local welln:	MG 1110
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	320
Elevation:	250		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	COLLEGEVILLE
Type of site:	WELL	Date created:	01/31/1989
Date updated:	08/25/1989		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	WELL OWNER		
Municipality:	UPPER PROVIDENCE TWP.		
Latitude dd:	40.155555556		
Longitude dd:	-75.496111111		
Well address:	Not Reported		
Well zipcode:	Not Reported		
Bedrock not:	0	Depth to bedrock:	0
Date drilled:	01/01/1978	Saltwaterz:	0
Source site:	1	Pagwis id:	27642
Latest owner:	27405	Local permit:	Not Reported
Latest prod:	0	Driller sc:	0
		Latest well:	27642

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000053412

**K24
NW
1/2 - 1 Mile
Higher**

PA WELLS SPAW0127075

Well ID:	X 0889	County:	MONTGOMERY
Owner's Name:	COWAN PHILLIP	Longitude:	753106
Latitude:	400926	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	PHOENIXVILLE	Topographic Setting:	Not Reported
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	250	Casing1 Diameter(inches):	6
Casing 1:	24	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-75
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	118	Yield Measurement Method:	5
Yield (gpm):	6	Test Time:	Not Reported
Drawdown:	132	Driller:	0188
Bedrock:	3	Water Bearing Zone 2:	230
Water Bearing Zone 1:	136	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	1741
Municipality:	UPPER PROVIDENCE		
Aquifer:	LOCKATONG FORMATION		

**K25
NW
1/2 - 1 Mile
Higher**

PA WELLS PASI30000053650

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 0889
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	Not Reported	Well depth:	250
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	Not Reported
Accuracy of elev:	Not Reported	Quad code:	PHOENIXVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	UPPER PROVIDENCE TWP.		
Latitude dd:	40.1572222222		
Longitude dd:	-75.5183333333	Depth to bedrock:	3
Well address:	Not Reported	Saltwaterz:	0
Well zipcode:	Not Reported	Pagwis id:	171606
Bedrock not:	0	Local permit:	Not Reported
Date drilled:	01/01/1975	Driller sc:	0
Source site:	2	Latest well:	173166
Latest owner:	170725		
Latest prod:	171701		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000053650

**I26
ESE
1/2 - 1 Mile
Higher**

PA WELLS SPAW0126910

Well ID:	6738N	County:	MONTGOMERY
Owner's Name:	CAPRIOLO VINCENT	Longitude:	752939
Latitude:	400840	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	COLLEGEVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	495	Casing1 Diameter(inches):	Not Reported
Casing 1:	60	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	03-90
Grouted:	Yes	Production WL:	350
Static Water Level:	80	Yield Measurement Method:	V
Yield (gpm):	1.5	Test Time:	0.5
Drawdown:	270	Driller:	308
Bedrock:	55	Water Bearing Zone 2:	350
Water Bearing Zone 1:	200	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	CAS DIA = 6.25
Municipality:	UPPER PROVIDENCE		
Aquifer:	LOCKATONG FORMATION		

**I27
ESE
1/2 - 1 Mile
Higher**

PA WELLS PASI30000051921

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	6738N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	495
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	COLLEGEVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	UPPER PROVIDENCE TWP.		
Latitude dd:	40.1444444444		
Longitude dd:	-75.4941666667		
Well address:	Not Reported	Depth to bedrock:	55
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	171441
Date drilled:	03/01/1990	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	170560	Latest well:	173002
Latest prod:	171536		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000051921

**L28
ESE
1/2 - 1 Mile
Higher**

PA WELLS SPAW0126911

Well ID:	6739N	County:	MONTGOMERY
Owner's Name:	CAPRIOLO VINCENT	Longitude:	752938
Latitude:	400839	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	COLLEGEVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	495	Casing1 Diameter(inches):	Not Reported
Casing 1:	60	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	03-90
Grouted:	Yes	Production WL:	480
Static Water Level:	80	Yield Measurement Method:	V
Yield (gpm):	2	Test Time:	0.5
Drawdown:	400	Driller:	308
Bedrock:	55	Water Bearing Zone 2:	480
Water Bearing Zone 1:	150	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	CAS DIA = 6.25
Municipality:	UPPER PROVIDENCE		
Aquifer:	LOCKATONG FORMATION		

**L29
ESE
1/2 - 1 Mile
Higher**

PA WELLS PASI30000051881

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	6739N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	495
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	COLLEGEVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	UPPER PROVIDENCE TWP.		
Latitude dd:	40.1441666667	Depth to bedrock:	55
Longitude dd:	-75.4938888889	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	171442
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	03/01/1990	Latest well:	173003
Source site:	2		
Latest owner:	170561		
Latest prod:	171537		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000051881

**M30
ENE
1/2 - 1 Mile
Higher**

FED USGS USGS40001010677

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-400917075293801		
Monloc name:	MG 1109		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1548264
Longitude:	-75.49352	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	271
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Lockatong Formation		
Aquifer type:	Not Reported		
Construction date:	1915	Welldepth:	202
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1988	36	

**M31
ENE
1/2 - 1 Mile
Higher**

PA WELLS PASI30000053283

Dep counter:	0	Siteid:	400917075293801
Transactio:	1	Local welln:	MG 1109
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	202
Elevation:	270		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	5	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	COLLEGEVILLE
Type of site:	WELL	Date created:	01/31/1989
Date updated:	08/25/1989		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	WELL OWNER		
Municipality:	UPPER PROVIDENCE TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1547222222	Depth to bedrock:	0
Longitude dd:	-75.4938888889	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	27639
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01/01/1915	Latest well:	27639
Source site:	1		
Latest owner:	27402		
Latest prod:	39598		
Site id:	PASI30000053283		

**M32
ENE
1/2 - 1 Mile
Higher**

PA WELLS PASI30000053323

Dep counter:	1028	Siteid:	Not Reported
Transactio:	0	Local welln:	Not Reported
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	1
Topography:	Not Reported	Well depth:	0
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	Not Reported
Accuracy of elev:	Not Reported	Quad code:	COLLEGEVILLE
Latlong acc:	Not Reported	Date created:	09/06/1995
Type of site:	WELL		
Date updated:	12/17/1997		
Data Reliability:	Not Reported		
Source Depth Data:	Not Reported		
Municipality:	UPPER PROVIDENCE TWP.		
Latitude dd:	40.155		
Longitude dd:	-75.4931		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01/01/1966	Pagwis id:	215369
Source site:	5	Local permit:	Not Reported
Latest owner:	214339	Driller sc:	0
Latest prod:	212964	Latest well:	216757
Site id:	PASI30000053323		

Agency Use Information:		Transaction counter:	1
Counterlink:	1028		
Agency use of sitecode:	OBSERVATION		
Agency usedate:	Not Reported		

Construction Information:		Counterlink:	1028
Recnum flag:	1	Transaction counter:	1
Conscounter:	3301	Parent seqnum consubrec:	Not Reported
Recnum consubrec:	1		
Construction date:	01/01/1961		
Driller:	1		
Source Cons Data:	OTHER/UNKNOWN/UNSPECIFIED		
Method Cons:	CABLE TOOL		
Finish:	OPEN HOLE		
Drillers well id:	Not Reported	Abandonmentreasoncode:	Not Reported
Interimwell id:	Not Reported	Original driller:	Not Reported
Construction code:	Not Reported		
Original driller name:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Information:

Transaction counter:	1	Parent seqnum conssubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	48
Casing code:	ROCK OR STONE		
Casing wall thickness:	Not Reported		
Conslink:	1028	Casing counter:	486

Hole Information:

Transaction counter:	1	Parent seqnum conssubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	24	Hole diameter:	48
Remarks:	Not Reported		
Conslink:	1028	Hole counter:	177

Geohydrologic Information:

Counterlink:	1028	Transaction counter:	1
Seqnum geohsubrec:	1	Parent seqnum aqfrsubrec:	1
Aapg code:	361MRBG	Top of interval:	Not Reported
Lithology:	SHALE		
Contributing Unit:	PRIMARY		
Bottom of interval:	Not Reported		

Site Water Use Information:

Counterlink:	1028	Transaction counter:	1
Site Use:	WITHDRAWAL		
Water Use:	IRRIGATION		
Date of use:	Not Reported	Note:	Not Reported
Site waterid:	1028		

Owner Information:

Counterlink:	1028	Transaction counter:	1
Seqnum owner subrec:	1	Owner:	BEN-MAR MUSHROOM FAR
Zipcode:	Not Reported	Owner firstname:	Not Reported
Date ownership:	01/01/1961	Conslink:	3301
Owner id:	2818		

**N33
SW
1/2 - 1 Mile
Higher**

FED USGS USGS40001010285

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-400827075311501		
Monloc name:	CH 164		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1409373
Longitude:	-75.5204675	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	230
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Locketong Formation		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	600
Construction date:	1906	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1942-02-19	115.00	

**N34
SW
1/2 - 1 Mile
Higher**

PA WELLS PASI30000051344

Dep counter:	0	Siteid:	400827075311501
Transactio:	1	Local welln:	CH 164
County:	CHESTER	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLTOP	Well depth:	600
Elevation:	230		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	PHOENIXVILLE
Type of site:	WELL	Date created:	12/06/1976
Date updated:	06/28/1994		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	PHOENIXVILLE BORO		
Latitude dd:	40.1408333333		
Longitude dd:	-75.5208333333		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01/01/1906	Pagwis id:	12921
Source site:	1	Local permit:	Not Reported
Latest owner:	13026	Driller sc:	0
Latest prod:	9189	Latest well:	12921
Site id:	PASI30000051344		

Casing Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	48
Casing code:	ROCK OR STONE		
Casing wall thickness:	Not Reported		
Conslink:	1028	Casing counter:	486

Hole Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	24	Hole diameter:	48
Remarks:	Not Reported		
Conslink:	1028	Hole counter:	177

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

O35
SSW
1/2 - 1 Mile
Higher

FED USGS USGS40001010159

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-400811075304301		
Monloc name:	CH 153		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1364932
Longitude:	-75.5115785	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	80
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Stockton Formation		
Aquifer type:	Not Reported		
Construction date:	19530421	Welldepth:	752
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

1956-04-10	0.00	

O36
SSW
1/2 - 1 Mile
Higher

PA WELLS PASI30000050561

Dep counter:	0	Siteid:	400811075304301
Transactio:	1	Local welln:	CH 153
County:	CHESTER	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231SCKN
Topography:	VALLEY FLAT	Well depth:	752
Elevation:	80		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	PHOENIXVILLE
Type of site:	WELL	Date created:	12/06/1976
Date updated:	06/28/1994		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	PHOENIXVILLE BORO		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1363888889		
Longitude dd:	-75.5119444444		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	04/21/1953	Pagwis id:	12919
Source site:	1	Local permit:	Not Reported
Latest owner:	13023	Driller sc:	0
Latest prod:	9188	Latest well:	12919
Site id:	PASI30000050561		

Casing Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	48
Casing code:	ROCK OR STONE		
Casing wall thickness:	Not Reported		
Conslink:	1028	Casing counter:	486

Hole Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	24	Hole diameter:	48
Remarks:	Not Reported		
Conslink:	1028	Hole counter:	177

**P37
ESE
1/2 - 1 Mile
Higher**

PA WELLS PASI30000051675

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	6748N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	1
Topography:	HILLSIDE	Well depth:	343
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	COLLEGEVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	UPPER PROVIDENCE TWP.		
Latitude dd:	40.1427777778		
Longitude dd:	-75.4919444444		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	20
Bedrock not:	0	Saltwaterz:	0
Date drilled:	12/01/1989	Pagwis id:	171451
Source site:	2	Local permit:	Not Reported
Latest owner:	170570	Driller sc:	0
Latest prod:	171546	Latest well:	173012

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000051675

Casing Information:

Transaction counter:	1	Parent seqnum conssubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	48
Casing code:	ROCK OR STONE		
Casing wall thickness:	Not Reported		
Conslink:	1028	Casing counter:	486

Hole Information:

Transaction counter:	1	Parent seqnum conssubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	24	Hole diameter:	48
Remarks:	Not Reported		
Conslink:	1028	Hole counter:	177

**P38
ESE
1/2 - 1 Mile
Higher**

PA WELLS SPAW0126920

Well ID:	6748N	County	MONTGOMERY
Owner's Name:	HARVARD BUILDERS	Longitude:	752931
Latitude:	400834	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	COLLEGEVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	343	Casing1 Diameter(inches):	Not Reported
Casing 1:	60	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	12-89
Grouted:	Yes	Production WL:	Not Reported
Static Water Level:	128	Yield Measurement Method:	E
Yield (gpm):	7.5	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	512
Bedrock:	20	Water Bearing Zone 2:	325
Water Bearing Zone 1:	220	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	UPPER PROVIDENCE		
Aquifer:	UNKNOWN		

**Q39
South
1/2 - 1 Mile
Higher**

PA WELLS SPAW0127000

Well ID:	6831N	County	MONTGOMERY
Owner's Name:	MCNELIS JAMES	Longitude:	753023
Latitude:	400808	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	PHOENIXVILLE	Topographic Setting:	VALLEY FLAT
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	147	Casing1 Diameter(inches):	Not Reported
Casing 1:	Not Reported	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Yes	Date Drilled:	05-89
Static Water Level:	23	Production WL:	147
Yield (gpm):	20	Yield Measurement Method:	V
Drawdown:	124	Test Time:	0.5
Bedrock:	37	Driller:	188
Water Bearing Zone 1:	66	Water Bearing Zone 2:	118
Water Bearing Zone 3:	Not Reported	Lithology:	SANDSTONE
Municipality:	UPPER PROVIDENCE	Remark:	CAS LEN = 61'5 - DIA = 6.25
Aquifer:	STOCKTON FORMATION		

Q40
South
1/2 - 1 Mile
Higher

PA WELLS PASI30000050418

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	6831N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231SCKN
Topography:	VALLEY FLAT	Well depth:	147
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	PHOENIXVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	UPPER PROVIDENCE TWP.		
Latitude dd:	40.1355555556		
Longitude dd:	-75.5063888889		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	37
Bedrock not:	0	Saltwaterz:	0
Date drilled:	05/01/1989	Pagwis id:	171531
Source site:	2	Local permit:	Not Reported
Latest owner:	170650	Driller sc:	0
Latest prod:	171626	Latest well:	173092
Site id:	PASI30000050418		

Casing Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	48
Casing code:	ROCK OR STONE		
Casing wall thickness:	Not Reported		
Conslink:	1028	Casing counter:	486

Hole Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	24	Hole diameter:	48
Remarks:	Not Reported		
Conslink:	1028	Hole counter:	177

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

P41
ESE
1/2 - 1 Mile
Higher

PA WELLS SPAW0126899

Well ID:	6727N	County:	MONTGOMERY
Owner's Name:	HARVARD BUILDERS	Longitude:	752928
Latitude:	400835	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	COLLEGEVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	610	Casing1 Diameter(inches):	Not Reported
Casing 1:	63	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-90
Grouted:	Yes	Production WL:	131
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	20	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1959
Bedrock:	8	Water Bearing Zone 2:	575
Water Bearing Zone 1:	350	Lithology:	SANDSTONE
Water Bearing Zone 3:	605	Remark:	Not Reported
Municipality:	UPPER PROVIDENCE		
Aquifer:	LOCKATONG FORMATION		

P42
ESE
1/2 - 1 Mile
Higher

PA WELLS PASI30000051715

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	6727N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	610
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	COLLEGEVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	UPPER PROVIDENCE TWP.		
Latitude dd:	40.1430555556		
Longitude dd:	-75.4911111111		
Well address:	Not Reported	Depth to bedrock:	8
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	171430
Date drilled:	10/01/1990	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	170549	Latest well:	172991
Latest prod:	171525		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000051715

Casing Information:

Transaction counter:	1	Parent seqnum consubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	48
Casing code:	ROCK OR STONE		
Casing wall thickness:	Not Reported		
Conslink:	1028	Casing counter:	486

Hole Information:

Transaction counter:	1	Parent seqnum consubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	24	Hole diameter:	48
Remarks:	Not Reported		
Conslink:	1028	Hole counter:	177

**P43
ESE
1/2 - 1 Mile
Higher**

PA WELLS SPAW0126897

Well ID:	6725N	County:	MONTGOMERY
Owner's Name:	HARVARD BUILDERS	Longitude:	752928
Latitude:	400834	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	COLLEGEVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	220	Casing1 Diameter(inches):	Not Reported
Casing 1:	61	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-90
Grouted:	Yes	Production WL:	96
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	17	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1959
Bedrock:	4	Water Bearing Zone 2:	210
Water Bearing Zone 1:	160	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	UPPER PROVIDENCE		
Aquifer:	LOCKATONG FORMATION		

**P44
ESE
1/2 - 1 Mile
Higher**

PA WELLS PASI30000051676

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	6725N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	220
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	COLLEGEVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	UPPER PROVIDENCE TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1427777778		
Longitude dd:	-75.4911111111		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	4
Bedrock not:	0	Saltwaterz:	0
Date drilled:	10/01/1990	Pagwis id:	171428
Source site:	2	Local permit:	Not Reported
Latest owner:	170547	Driller sc:	0
Latest prod:	171523	Latest well:	172989
Site id:	PASI30000051676		

Casing Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	48
Casing code:	ROCK OR STONE		
Casing wall thickness:	Not Reported		
Conslink:	1028	Casing counter:	486

Hole Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	24	Hole diameter:	48
Remarks:	Not Reported		
Conslink:	1028	Hole counter:	177

**P45
ESE
1/2 - 1 Mile
Higher**

PA WELLS PASI30000051716

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	6726N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	345
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	COLLEGEVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	UPPER PROVIDENCE TWP.		
Latitude dd:	40.1430555556		
Longitude dd:	-75.4908333333		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	4
Bedrock not:	0	Saltwaterz:	0
Date drilled:	08/01/1990	Pagwis id:	171429
Source site:	2	Local permit:	Not Reported
Latest owner:	170548	Driller sc:	0
Latest prod:	171524	Latest well:	172990

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000051716

Casing Information:

Transaction counter:	1	Parent seqnum consubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	48
Casing code:	ROCK OR STONE		
Casing wall thickness:	Not Reported		
Conslink:	1028	Casing counter:	486

Hole Information:

Transaction counter:	1	Parent seqnum consubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	24	Hole diameter:	48
Remarks:	Not Reported		
Conslink:	1028	Hole counter:	177

**P46
ESE
1/2 - 1 Mile
Higher**

PA WELLS SPAW0126898

Well ID:	6726N	County	MONTGOMERY
Owner's Name:	HARVARD BUILDERS	Longitude:	752927
Latitude:	400835	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	COLLEGEVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	345	Casing1 Diameter(inches):	Not Reported
Casing 1:	57	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	08-90
Grouted:	Yes	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	10	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1959
Bedrock:	4	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	320	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE = BLUESTONE
Municipality:	UPPER PROVIDENCE		
Aquifer:	LOCKATONG FORMATION		

**P47
ESE
1/2 - 1 Mile
Higher**

PA WELLS PASI30000051593

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	6768N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	508
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	COLLEGEVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	UPPER PROVIDENCE TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.142222222	Depth to bedrock:	10
Longitude dd:	-75.4913888889	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	171471
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01/01/1990	Latest well:	173032
Source site:	2		
Latest owner:	170590		
Latest prod:	171566		
Site id:	PASI30000051593		

Casing Information:		Parent seqnum consubrec:	1
Transaction counter:	1	Top of casing:	0
Recnum casing:	1	Casing diameter:	48
Bottom of casing:	Not Reported		
Casing code:	ROCK OR STONE		
Casing wall thickness:	Not Reported		
Conslink:	1028	Casing counter:	486

Hole Information:		Parent seqnum consubrec:	1
Transaction counter:	1	Top of hole:	0
Recnum hole subrec:	1	Hole diameter:	48
Bottom of hole:	24		
Remarks:	Not Reported		
Conslink:	1028	Hole counter:	177

**P48
ESE
1/2 - 1 Mile
Higher**

PA WELLS SPAW0126940

Well ID:	6768N	County:	MONTGOMERY
Owner's Name:	HARVARD BUILDERS	Longitude:	752929
Latitude:	400832	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	COLLEGEVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	508	Casing1 Diameter(inches):	Not Reported
Casing 1:	60	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	01-90
Grouted:	Yes	Production WL:	118
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	4.5	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	512
Bedrock:	10	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	480	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	UPPER PROVIDENCE		
Aquifer:	LOCKATONG FORMATION		

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.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Pennsylvania Public Water Supply Wells

Source: Pennsylvania Department of Environmental Resources Bureau of Water Supply

Telephone: 717-787-5017

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

STREET AND ADDRESS INFORMATION

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Black Rock Preserve

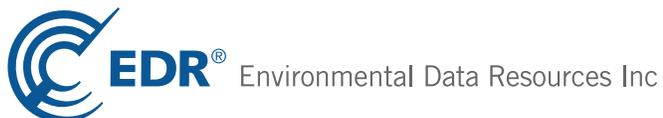
Parcel 15-3-10

Phoenixville, PA 19460

Inquiry Number: 03606757.8r

May 14, 2013

EDR Summary Radius Map Report



440 Wheelers Farms Road
Milford, CT 06461
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 (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

PARCEL 15-3-10
PHOENIXVILLE, PA 19460

COORDINATES

Latitude (North): 40.1495000 - 40° 8' 58.20"
Longitude (West): 75.5073000 - 75° 30' 26.28"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 456790.4
UTM Y (Meters): 4444263.5
Elevation: 94 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: TP
Source: USGS 7.5 min quad index

Target Property: E
Source: USGS 7.5 min quad index

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2010
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
PARCEL 15-3-10
PHOENIXVILLE, PA 19460

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft.) DIRECTION
1	CONSOLIDATED SCHUYLK	PENN STREET	EDR MGP	Higher	3804, SSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

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.

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

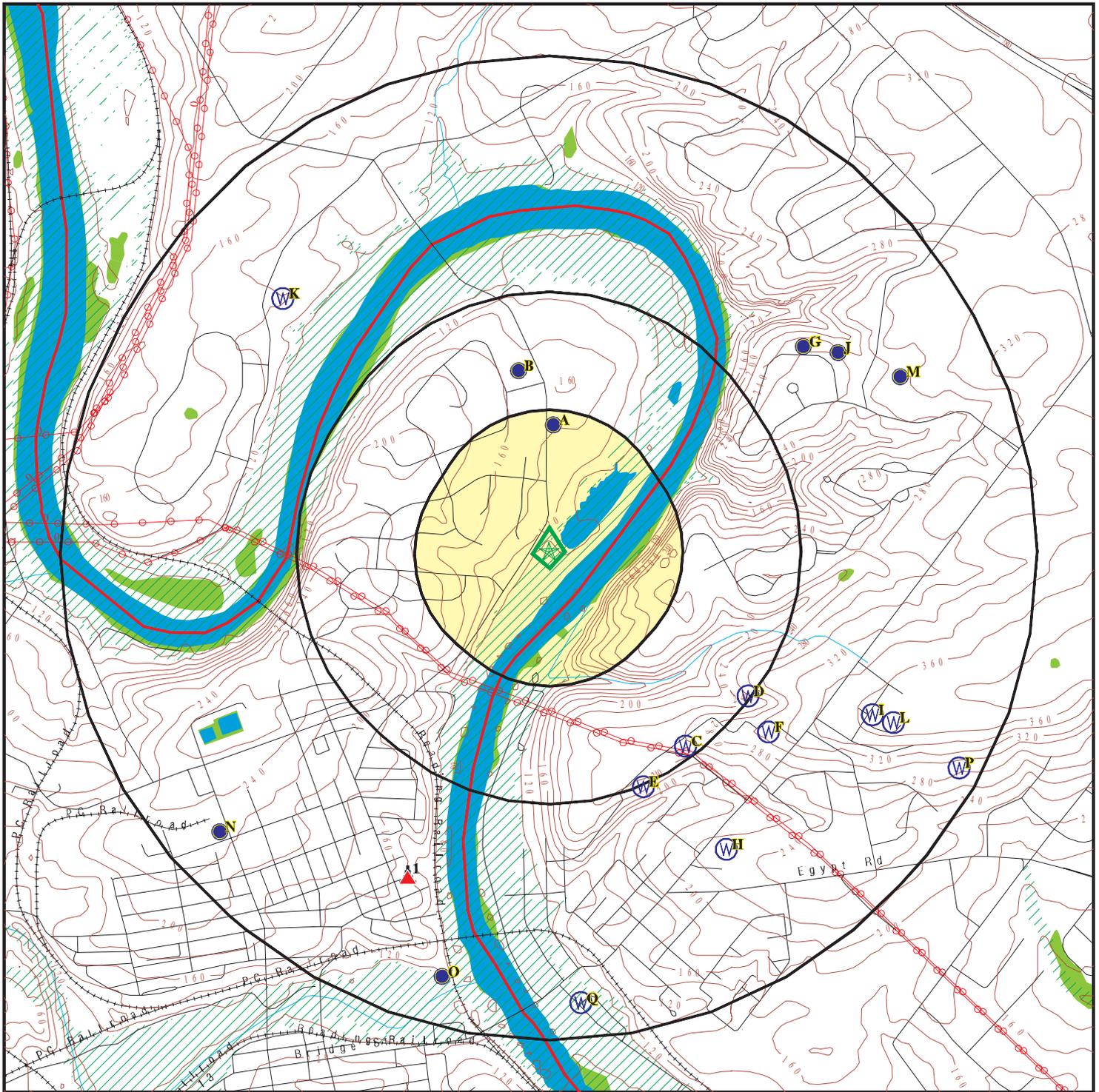
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CONSOLIDATED SCHUYLK	PENN STREET	SSW 1/2 - 1 (0.720 mi.)	1	7

Count: 7 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CHESTER COUNTY	M300001990	PENNSYLVANIA GRANITE CORP	AMERICAN BLACK QUARRY		US MINES
PHOENIXVILLE	S105800170	TEXACO 14 045 0004	724 RT 1 W		LUST
PHOENIXVILLE	S111117043	TEXACO SVC STA 100219	74 RT 1 W	19460	ARCHIVE UST
PHOENIXVILLE	S105800064	COWAN OLDSMOBILE CADILLAC GMC TRUC	RT 113		LUST
PHOENIXVILLE	S109248219	WEST CO INC TECHNICAL CENTER	RT 113	19460	MANIFEST
PHOENIXVILLE	S105800113	MURRAY LINCOLN MERCURY	RT 724		LUST
ROYERSFORD	U003918984	WAWA FOOD MKT 284	RT 422 & WALNUT ST	19468	UST

OVERVIEW MAP - 03606757.8r



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

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

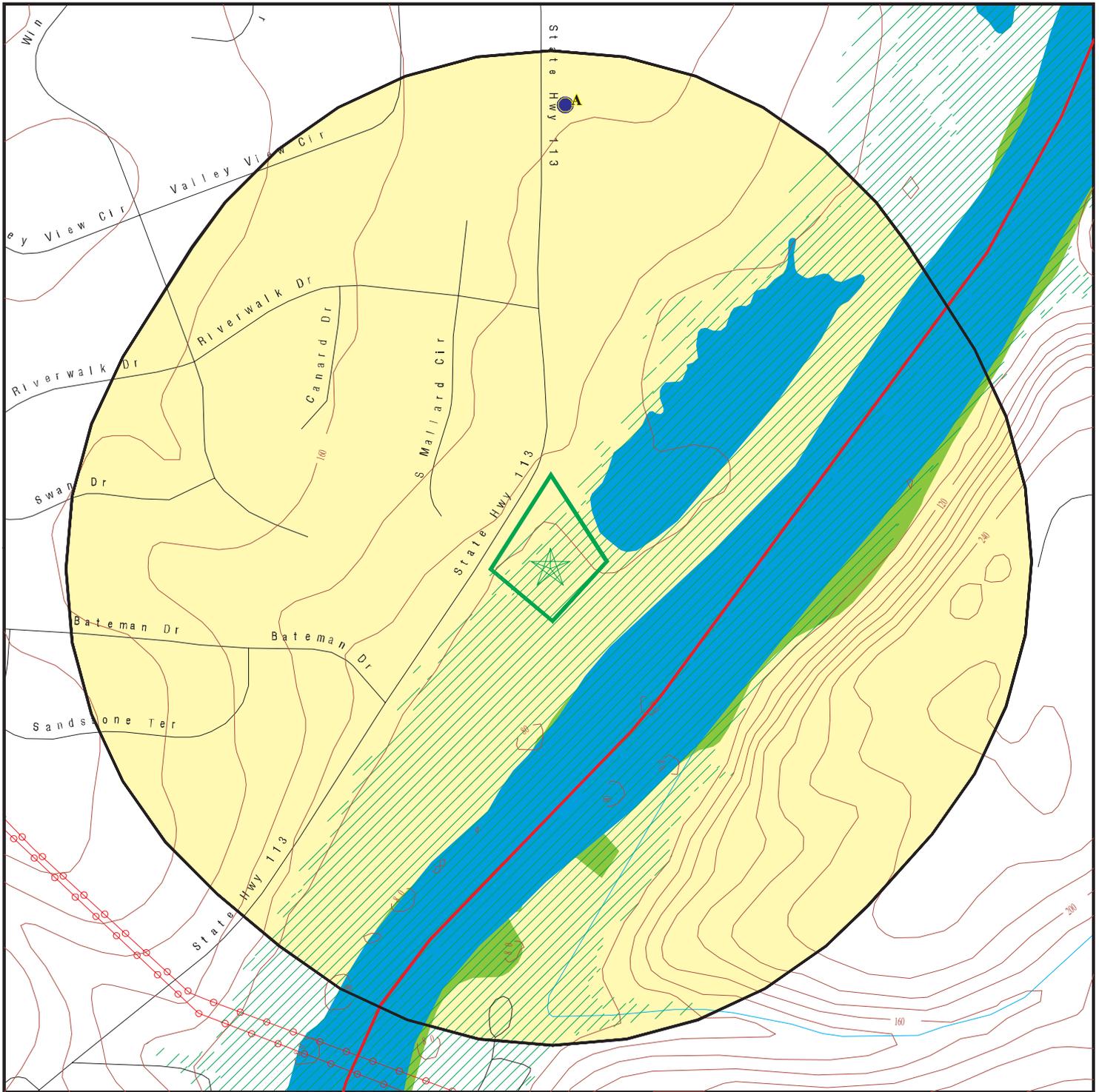


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Black Rock Preserve
 ADDRESS: Parcel 15-3-10
 Phoenixville PA 19460
 LAT/LONG: 40.1495 / 75.5073

CLIENT: Brickhouse Environmental
 CONTACT: Lynda Tyson
 INQUIRY #: 03606757.8r
 DATE: May 14, 2013 4:45 pm

DETAIL MAP - 03606757.8r



 Target Property

 Sites at elevations higher than or equal to the target property

 Sites at elevations lower than the target property

 Manufactured Gas Plants

 Sensitive Receptors

 National Priority List Sites

 Dept. Defense Sites

 Indian Reservations BIA

 County Boundary

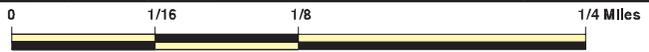
 Power transmission lines

 Oil & Gas pipelines from USGS

 100-year flood zone

 500-year flood zone

 National Wetland Inventory



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

SITE NAME: Black Rock Preserve
 ADDRESS: Parcel 15-3-10
 Phoenixville PA 19460
 LAT/LONG: 40.1495 / 75.5073

CLIENT: Brickhouse Environmental
 CONTACT: Lynda Tyson
 INQUIRY #: 03606757.8r
 DATE: May 14, 2013 4:46 pm

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>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
SHWS	1.000		0	0	0	0	NR	0
HSCA	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	NR	NR	0
UNREG LTANKS	0.500		0	0	0	NR	NR	0
LAST	0.500		0	0	0	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
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
AUL	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
ARCHIVE UST	0.250		0	0	NR	NR	NR	0
ARCHIVE AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
ACT 2-DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	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

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	1	NR	1
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

1
SSW
1/2-1
0.720 mi.
3804 ft.

CONSOLIDATED SCHUYLKILL GAS CO
PENN STREET
PHOENIXVILLE, PA 19460

EDR MGP 1008408597
N/A

[Click here for full text details](#)

Relative:
Higher

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
PA	ACT 2-DEED	Act 2-Deed Acknowledgment Sites	Department of Environmental Protection	04/23/2010	04/28/2010	04/30/2010
PA	AIRS	Permit and Emissions Inventory Data	Department of Environmental Protection	12/31/2011	01/04/2013	02/15/2013
PA	ARCHIVE AST	Archived Aboveground Storage Tank Sites	Department of Environmental Protection	03/01/2013	03/21/2013	04/18/2013
PA	ARCHIVE UST	Archived Underground Storage Tank Sites	Department of Environmental Protection	03/01/2013	03/21/2013	04/18/2013
PA	AST	Listing of Pennsylvania Regulated Aboveground Storage Tanks	Department of Environmental Protection	03/01/2013	03/21/2013	04/17/2013
PA	AUL	Environmental Covenants Listing	Department of Environmental Protection	01/22/2013	01/24/2013	02/19/2013
PA	BROWNFIELDS	Brownfields Sites	Department of Environmental Protection	02/19/2013	02/21/2013	04/17/2013
PA	DRYCLEANERS	Drycleaner Facility Locations	Department of Environmental Protection	03/25/2013	03/25/2013	04/18/2013
PA	ENG CONTROLS	Engineering Controls Site Listing	Department of Environmental Protection	05/15/2008	05/16/2008	06/12/2008
PA	HIST LF ALI	Abandoned Landfill Inventory	Department of Environmental Protection	01/04/2005	01/04/2005	02/04/2005
PA	HIST LF INACTIVE	Inactive Facilities List	Department of Environmental Protection	12/20/1994	07/12/2005	08/11/2005
PA	HIST LF INVENTORY	Facility Inventory	Department of Environmental Protection	06/02/1999	07/12/2005	08/11/2005
PA	HSCA	HSCA Remedial Sites Listing	Department of Environmental Protection	12/31/2012	01/25/2013	02/19/2013
PA	INST CONTROL	Institutional Controls Site Listing	Department of Environmental Protection	05/15/2008	05/16/2008	06/12/2008
PA	LAST	Storage Tank Release Sites	Department of Environmental Protection	03/04/2013	03/20/2013	04/18/2013
PA	LUST	Storage Tank Release Sites	Department of Environmental Protection	03/04/2013	03/20/2013	04/18/2013
PA	MINES	Abandoned Mine Land Inventory	PASDA	10/02/2012	01/30/2013	02/21/2013
PA	NPDES	NPDES Permit Listing	Department of Environmental Protection	12/26/2012	03/13/2013	04/18/2013
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2011	07/23/2012	09/18/2012
PA	SHWS	Hazardous Sites Cleanup Act Site List	Department Environmental Protection	01/08/2013	01/24/2013	02/19/2013
PA	SPILLS	State spills	DEP, Emergency Response	01/16/2013	01/24/2013	02/19/2013
PA	SWF/LF	Operating Facilities	Department of Environmental Protection	02/26/2013	02/28/2013	04/17/2013
PA	UIC	Underground Injection Wells	Department of Environmental Protection	03/26/2013	03/26/2013	04/18/2013
PA	UNREG LTANKS	Unregulated Tank Cases	Department of Environmental Protection	04/12/2002	08/14/2003	08/29/2003
PA	UST	Listing of Pennsylvania Regulated Underground Storage Tanks	Department of Environmental Protection	03/01/2013	03/21/2013	04/17/2013
PA	VCP	Voluntary Cleanup Program Sites	Department of Environmental Protection	01/15/2013	01/16/2013	02/19/2013
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	11/11/2011	05/18/2012	05/25/2012
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2011	02/26/2013	04/19/2013
US	CERCLIS	Comprehensive Environmental Response, Compensation, and Liab	EPA	02/04/2013	03/01/2013	03/13/2013
US	CERCLIS-NFRAP	CERCLIS No Further Remedial Action Planned	EPA	02/05/2013	03/01/2013	03/13/2013
US	COAL ASH DOE	Sleam-Electric Plan Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	08/17/2010	01/03/2011	03/21/2011
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	12/31/2011	01/15/2013	03/13/2013
US	CORRACTS	Corrective Action Report	EPA	02/12/2013	02/21/2013	02/27/2013
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DELISTED NPL	National Priority List Deletions	EPA	02/01/2013	03/01/2013	03/13/2013
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	07/31/2012	08/07/2012	09/18/2012
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR US Hist Auto Stat	EDR Exclusive Historic Gas Stations	EDR, Inc.			
US	EDR US Hist Auto Stat	EDR Proprietary Historic Gas Stations - Cole				
US	EDR US Hist Cleaners	EDR Proprietary Historic Dry Cleaners - Cole				
US	EDR US Hist Cleaners	EDR Exclusive Historic Dry Cleaners	EDR, Inc.			
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	12/31/2012	02/18/2013	05/10/2013
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	12/31/2012	01/17/2013	02/15/2013
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	07/31/2012	10/09/2012	12/20/2012
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	FEMA UST	Underground Storage Tank Listing	FEMA	01/01/2010	02/16/2010	04/12/2010
US	FINDS	Facility Index System/Facility Registry System	EPA	10/23/2011	12/13/2011	03/01/2012
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	12/31/2011	02/26/2013	03/13/2013
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	12/31/2012	01/03/2013	02/27/2013
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	07/20/2011	11/10/2011	01/10/2012
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	09/28/2012	11/01/2012	04/12/2013
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	02/05/2013	02/06/2013	04/12/2013
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	02/06/2013	02/08/2013	04/12/2013
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	09/12/2011	09/13/2011	11/11/2011
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	12/31/2012	02/28/2013	04/12/2013
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	08/27/2012	08/28/2012	10/16/2012
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	03/01/2013	03/01/2013	04/12/2013
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2005	12/08/2006	01/11/2007
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	09/28/2012	11/07/2012	04/12/2013
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	02/05/2013	02/06/2013	04/12/2013
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	02/06/2013	02/08/2013	04/12/2013
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	08/02/2012	08/03/2012	11/05/2012
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	05/10/2011	05/11/2011	06/14/2011
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	12/31/2012	02/28/2013	04/12/2013
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	08/27/2012	08/28/2012	10/16/2012
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	02/21/2013	02/26/2013	04/12/2013
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	09/28/2012	10/02/2012	10/16/2012
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	01/29/2013	02/14/2013	02/27/2013
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	02/06/2013	04/25/2013	05/10/2013
US	LUCIS	Land Use Control Information System	Department of the Navy	12/09/2005	12/11/2006	01/11/2007
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	06/21/2011	07/15/2011	09/13/2011
US	NPL	National Priority List	EPA	02/01/2013	03/01/2013	03/13/2013
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	11/01/2012	01/16/2013	05/10/2013
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	02/01/2011	10/19/2011	01/10/2012
US	PRP	Potentially Responsible Parties	EPA	12/02/2012	01/03/2013	03/13/2013
US	Proposed NPL	Proposed National Priority List Sites	EPA	02/01/2013	03/01/2013	03/13/2013
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	04/09/2013	04/11/2013	05/10/2013
US	RCRA NonGen / NLR	RCRA - Non Generators	Environmental Protection Agency	02/12/2013	02/15/2013	02/27/2013
US	RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency	02/12/2013	02/15/2013	02/27/2013
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	02/12/2013	02/15/2013	02/27/2013
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	02/12/2013	02/15/2013	02/27/2013
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	02/12/2013	02/15/2013	02/27/2013

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	RMP	Risk Management Plans	Environmental Protection Agency	05/08/2012	05/25/2012	07/10/2012
US	ROD	Records Of Decision	EPA	12/18/2012	03/13/2013	04/12/2013
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	03/07/2011	03/09/2011	05/02/2011
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2009	09/01/2011	01/10/2012
US	TSCA	Toxic Substances Control Act	EPA	12/31/2006	09/29/2010	12/02/2010
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	09/14/2010	10/07/2011	03/01/2012
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (EPA	01/23/2013	01/30/2013	05/10/2013
US	US AIRS MINOR	Air Facility System Data	EPA	01/23/2013	01/30/2013	05/10/2013
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	12/10/2012	12/11/2012	12/20/2012
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	03/04/2013	03/12/2013	05/10/2013
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	03/14/2013	03/29/2013	05/10/2013
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	03/04/2013	03/15/2013	05/10/2013
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	09/01/2007	11/19/2008	03/30/2009
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	03/14/2013	03/29/2013	05/10/2013
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	02/05/2013	04/18/2013	05/10/2013
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	02/18/2013	02/18/2013	03/21/2013
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2011	07/19/2012	08/28/2012
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	02/01/2013	02/07/2013	03/15/2013
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2011	06/22/2012	07/31/2012
VT	VT MANIFEST	Hazardous Waste Manifest Data	Department of Environmental Conservation	02/15/2013	02/21/2013	03/15/2013
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	12/31/2011	07/19/2012	09/27/2012
US	Oil/Gas Pipelines	GeoData Digital Line Graphs from 1:100,000-Scale Maps	USGS			
US	Electric Power Lines	Electric Power Transmission Line Data	Rextag Strategies Corp.			
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
PA	Daycare Centers	Sensitive Receptor: Child Care Facility List	Department of Public Welfare			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
US	USGS 7.5' Topographic Map	Scanned Digital USGS 7.5' Topographic Map (DRG)	USGS			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St **Acronym** **Full Name** **Government Agency** **Gov Date** **Arvl. Date** **Active Date**

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

BLACK ROCK PRESERVE
PARCEL 15-3-10
PHOENIXVILLE, PA 19460

TARGET PROPERTY COORDINATES

Latitude (North):	40.1495 - 40° 8' 58.20"
Longitude (West):	75.5073 - 75° 30' 26.28"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	456790.4
UTM Y (Meters):	4444263.5
Elevation:	94 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	40075-B5 PHOENIXVILLE, PA
Most Recent Revision:	1983
East Map:	40075-B4 COLLEGEVILLE, PA
Most Recent Revision:	1992

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 principal 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).

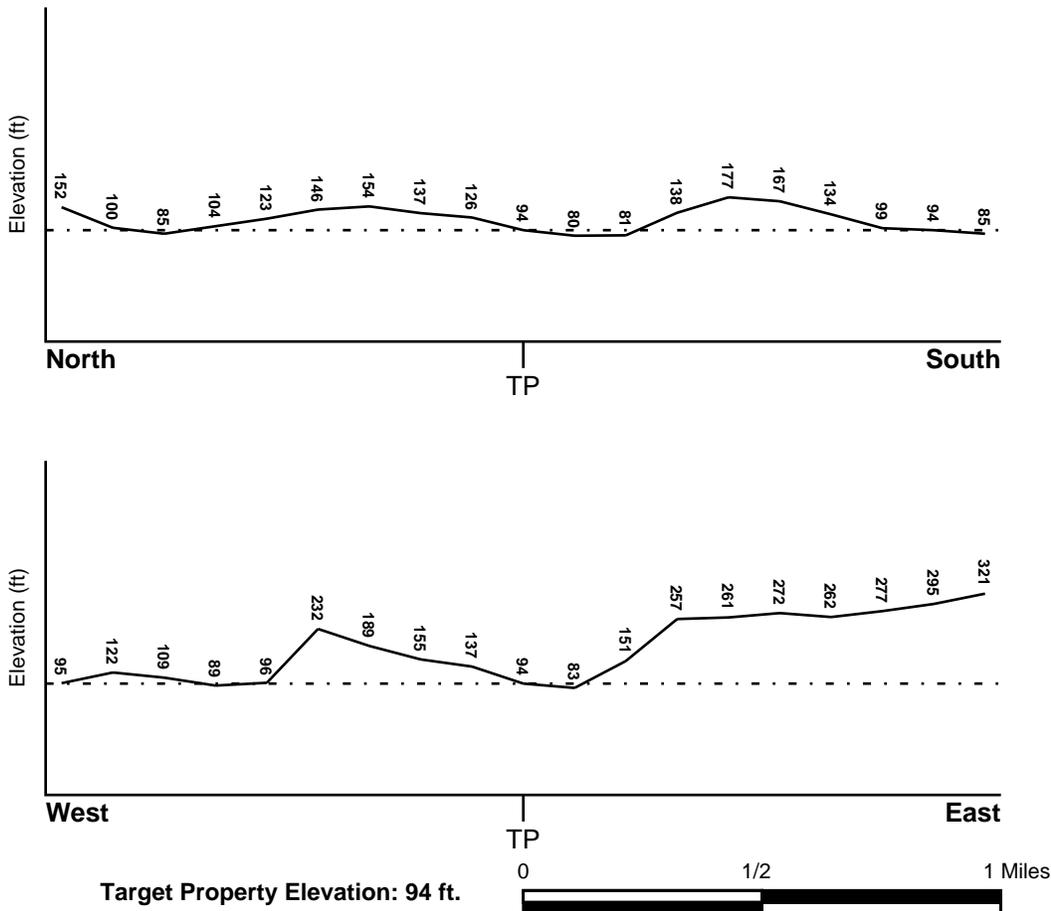
TOPOGRAPHIC INFORMATION

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 SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Target Property County</u> CHESTER, PA	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	42029C - FEMA DFIRM Flood data
Additional Panels in search area:	42091C - FEMA DFIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> PHOENIXVILLE	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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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	USGS40001010643	1/4 - 1/2 Mile North
B4	USGS40001010689	1/4 - 1/2 Mile North
G16	USGS40001010714	1/2 - 1 Mile NE
J22	USGS40001010705	1/2 - 1 Mile NE
M30	USGS40001010677	1/2 - 1 Mile ENE
N33	USGS40001010285	1/2 - 1 Mile SW
O35	USGS40001010159	1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
G17	PA1460078	1/2 - 1 Mile NE

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

STATE DATABASE WELL INFORMATION

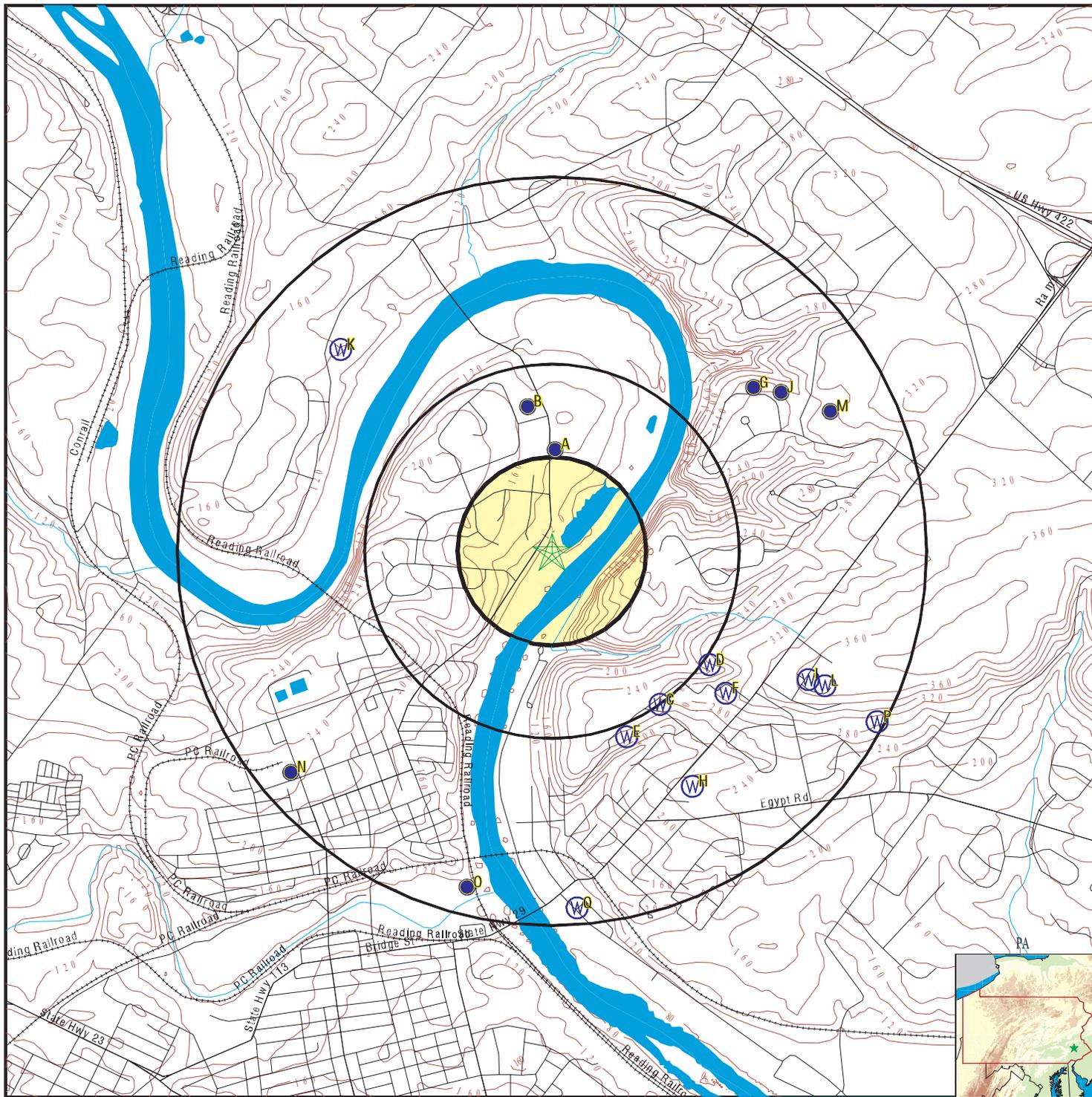
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	PASI30000053096	1/4 - 1/2 Mile North
B3	PASI30000053322	1/4 - 1/2 Mile North
C5	PASI30000051767	1/4 - 1/2 Mile SSE
C6	PASI30000051803	1/2 - 1 Mile SE
C7	SPAW0127104	1/2 - 1 Mile SSE
C8	SPAW0127103	1/2 - 1 Mile SE
D9	PASI30000051984	1/2 - 1 Mile SE
D10	SPAW0127080	1/2 - 1 Mile SE
E11	PASI30000051592	1/2 - 1 Mile SSE
E12	SPAW0126949	1/2 - 1 Mile SSE
F13	SPAW0126900	1/2 - 1 Mile SE
F14	PASI30000051847	1/2 - 1 Mile SE
G15	PASI30000053452	1/2 - 1 Mile NE
H18	SPAW0127110	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

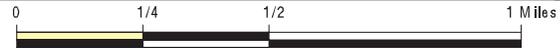
MAP ID	WELL ID	LOCATION FROM TP
H19	PASI30000051221	1/2 - 1 Mile SSE
I20	PASI30000051920	1/2 - 1 Mile ESE
I21	SPAW0127076	1/2 - 1 Mile ESE
J23	PASI30000053412	1/2 - 1 Mile NE
K24	SPAW0127075	1/2 - 1 Mile NW
K25	PASI30000053650	1/2 - 1 Mile NW
I26	SPAW0126910	1/2 - 1 Mile ESE
I27	PASI30000051921	1/2 - 1 Mile ESE
L28	SPAW0126911	1/2 - 1 Mile ESE
L29	PASI30000051881	1/2 - 1 Mile ESE
M31	PASI30000053283	1/2 - 1 Mile ENE
M32	PASI30000053323	1/2 - 1 Mile ENE
N34	PASI30000051344	1/2 - 1 Mile SW
O36	PASI30000050561	1/2 - 1 Mile SSW
P37	PASI30000051675	1/2 - 1 Mile ESE
P38	SPAW0126920	1/2 - 1 Mile ESE
Q39	SPAW0127000	1/2 - 1 Mile South
Q40	PASI30000050418	1/2 - 1 Mile South
P41	SPAW0126899	1/2 - 1 Mile ESE
P42	PASI30000051715	1/2 - 1 Mile ESE
P43	SPAW0126897	1/2 - 1 Mile ESE
P44	PASI30000051676	1/2 - 1 Mile ESE
P45	PASI30000051716	1/2 - 1 Mile ESE
P46	SPAW0126898	1/2 - 1 Mile ESE
P47	PASI30000051593	1/2 - 1 Mile ESE
P48	SPAW0126940	1/2 - 1 Mile ESE

PHYSICAL SETTING SOURCE MAP - 03606757.8r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Oil, gas or related wells



SITE NAME: Black Rock Preserve
 ADDRESS: Parcel 15-3-10
 Phoenixville PA 19460
 LAT/LONG: 40.1495 / 75.5073

CLIENT: Brickhouse Environmental
 CONTACT: Lynda Tyson
 INQUIRY #: 03606757.8r
 DATE: May 14, 2013 4:46 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
A1 North 1/4 - 1/2 Mile Higher	Click here for full text details	FED USGS	USGS40001010643
A2 North 1/4 - 1/2 Mile Higher	Click here for full text details	PA WELLS	PASI30000053096
B3 North 1/4 - 1/2 Mile Higher	Click here for full text details	PA WELLS	PASI30000053322
B4 North 1/4 - 1/2 Mile Higher	Click here for full text details	FED USGS	USGS40001010689
C5 SSE 1/4 - 1/2 Mile Higher	Click here for full text details	PA WELLS	PASI30000051767
C6 SE 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	PASI30000051803
C7 SSE 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	SPAW0127104
C8 SE 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	SPAW0127103
D9 SE 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	PASI30000051984

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
D10 SE 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	SPAW0127080
E11 SSE 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	PASI30000051592
E12 SSE 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	SPAW0126949
F13 SE 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	SPAW0126900
F14 SE 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	PASI30000051847
G15 NE 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	PASI30000053452
G16 NE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40001010714
G17 NE 1/2 - 1 Mile Higher	Click here for full text details	FRDS PWS	PA1460078
H18 SSE 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	SPAW0127110

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
H19 SSE 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	PASI30000051221
I20 ESE 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	PASI30000051920
I21 ESE 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	SPAW0127076
J22 NE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40001010705
J23 NE 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	PASI30000053412
K24 NW 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	SPAW0127075
K25 NW 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	PASI30000053650
I26 ESE 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	SPAW0126910
I27 ESE 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	PASI30000051921

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
L28 ESE 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	SPAW0126911
L29 ESE 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	PASI30000051881
M30 ENE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40001010677
M31 ENE 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	PASI30000053283
M32 ENE 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	PASI30000053323
N33 SW 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40001010285
N34 SW 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	PASI30000051344
O35 SSW 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40001010159
O36 SSW 1/2 - 1 Mile Higher	Click here for full text details	PA WELLS	PASI30000050561

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
P37	ESE	1/2 - 1 Mile	Higher	PA WELLS	PASI30000051675
			Click here for full text details		
P38	ESE	1/2 - 1 Mile	Higher	PA WELLS	SPAW0126920
			Click here for full text details		
Q39	South	1/2 - 1 Mile	Higher	PA WELLS	SPAW0127000
			Click here for full text details		
Q40	South	1/2 - 1 Mile	Higher	PA WELLS	PASI30000050418
			Click here for full text details		
P41	ESE	1/2 - 1 Mile	Higher	PA WELLS	SPAW0126899
			Click here for full text details		
P42	ESE	1/2 - 1 Mile	Higher	PA WELLS	PASI30000051715
			Click here for full text details		
P43	ESE	1/2 - 1 Mile	Higher	PA WELLS	SPAW0126897
			Click here for full text details		
P44	ESE	1/2 - 1 Mile	Higher	PA WELLS	PASI30000051676
			Click here for full text details		
P45	ESE	1/2 - 1 Mile	Higher	PA WELLS	PASI30000051716
			Click here for full text details		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

P46
ESE
1/2 - 1 Mile
Higher

[Click here for full text details](#)

PA WELLS

SPAW0126898

P47
ESE
1/2 - 1 Mile
Higher

[Click here for full text details](#)

PA WELLS

PASI30000051593

P48
ESE
1/2 - 1 Mile
Higher

[Click here for full text details](#)

PA WELLS

SPAW0126940

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.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Pennsylvania Public Water Supply Wells

Source: Pennsylvania Department of Environmental Resources Bureau of Water Supply

Telephone: 717-787-5017

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

STREET AND ADDRESS INFORMATION

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