

# **Phase I Environmental Site Assessment**

## **S.R. 0228 Mars Railroad Bridge West Expansion**

**Seven Fields Borough, and Adams and Cranberry Townships  
Butler County, Pennsylvania**

**Prepared for:**



**Pennsylvania Department of Transportation  
Engineering District 10-0  
2550 Oakland Avenue  
Indiana, PA 15701**

**Prepared by:**



**March 2018**

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## I. INTRODUCTION

The Pennsylvania Department of Transportation (PennDOT) Engineering District 10-0 is proposing to improve the existing S.R. 0228 roadway connecting Cranberry Township to Mars Borough. The project area is located between Franklin Road in Cranberry Township and Pittsburgh Street, located west of Mars Borough, in Adams Township. The design process is ongoing, it is anticipated that construction easements and sliver acquisitions may be required for the project. A 100-foot buffer north and south of S.R. 0228 was identified as the study area for the Phase I Environmental Site Assessment (ESA). The Project Location Map showing the overall study area can be found in Appendix A.

This report is a summary of the Phase I ESA activities and investigations conducted for the project. Information about past and present land use, the presence of regulated substances and hazardous waste materials, and waste disposal areas within the project area was acquired from various sources (described in the Methodology section below) to complete a comprehensive search of the area. The methodology for this study conforms to the statutes and guidelines detailed within PennDOT's Publication 281 (December 2012) *Waste Site Evaluation Procedures Handbook, Volumes I*. The publication requires interviews, file reviews, historical use research, and field reconnaissance.

Based on the information obtained for the project area one of the following recommendations will be made:

- No further action required,
- No further action required at this time, or
- Initiate Phase II or Phase III activities, or
- Initiate immediate action

## II. PROJECT DESCRIPTION

The project is located along S.R. 0228 in Seven Fields Borough, and Adams and Cranberry Townships in Butler County, Pennsylvania. The segmented study area has been segmented into two main study areas; Franklin Road to Myoma Road and Myoma Road to Pittsburgh Street. Each segment covers approximately 1.5 miles along S.R. 0228. The study areas are denoted on separate Study Area Maps located in Appendix A. Areas warranting additional review are included on Site Maps in Appendix B. A preliminary overview of the work plan, showing anticipated limits of disturbance is not available at this time. Widening, excavation, and acquisitions are anticipated for construction of the project.

## III. METHODOLOGY

The following subsections are a summary of the background information that was reviewed to determine the past land use of the project area.

### a. Local Government and Landowner Interviews

Markosky interviewed available business owners, tenants, and landowners knowledgeable in the history and use of the area. Borough and township officials, fire departments, and police departments were also interviewed for information on the study area. Summaries of the telephone memos and email responses are included in Appendix C.

### b. State and Federal File Reviews

The PADEP eMapPA website (<http://www.emappa.dep.state.pa.us/emappa/viewer.htm>) was reviewed to identify the presence of regulated facilities and potential environmental conditions within the project area. The U.S. EPA Envirofacts website was also reviewed to identify any regulated facilities or environmental activities within the project area.

([www.epa.gov/enviro/index.html](http://www.epa.gov/enviro/index.html)). The eMapPA and Envirofacts findings are discussed in Section IV and listed in entirety in Appendix D.

c. Database Search

The environmental search agency, Environmental Data Resources, Inc. (EDR) was used to evaluate all state and federal databases. As stated in the project description, the study area has been segmented into two main study areas; Franklin Road to Myoma Road and Myoma Road to an area west of Pittsburgh Street, therefore two EDR reports are included. A discussion of the combined findings is located in Section IV. A complete listing of the state and federal databases searched is included in the EDR report located in Appendix E.

d. Aerial Photography and Map Investigation

EDR provided topographic maps and aerial photography. Sanborn maps were not available for the study area. The topographic maps provided are dated 1906, 1908, 1953, 1969, 1979, and 2013. The aerial photographs provided are dated 1938, 1939, 1947, 1952, 1957, 1958, 1967, 1969, 1973, 1975, 1982, 1987, 1990, 1993, 2002, 2005, 2006, 2008, and 2010. These photographs and maps were reviewed to identify changes in land use and are located in Appendix E with the EDR Report.

e. Field Reconnaissance

On October 26, 2017 and November 8, 2017, the study area was visited to identify any obvious signs of contamination, such as stained soils, stressed or absent vegetation, discolored water, and odiferous areas.

#### IV. INVESTIGATION RESULTS

a. Local Government and Landowner Interviews

Interviews were performed as an additional means of determining whether regulated materials may be present within the project area. Telephone memos, email responses, and attachments are included in Appendix C.

On October 26, 2017, Markosky interviewed Alanna, the manager of the CVS Pharmacy located along Pittsburgh Street in Mars. She was questioned regarding the buildings' past and current use to the best of her knowledge. Alanna stated that she had been manager at this location since May 2017. She relayed that the building had been constructed around 2011 on the site of a former church. She was unaware of any underground storage tanks (USTs), aboveground storage tanks (ASTs), or hazardous substances (HS) on site. A mobile storage unit was observed in the parking lot of the building, but was locked and inaccessible during the site reconnaissance. Alanna stated the storage unit contained shelving and various business administrative items such as chairs and item displays. No fuels are stored onsite or in the unit. Alanna confirmed the business was connected to municipal sewer and water.

On October 26, 2017, an interview was conducted with a manager of Zoresco Equipment. Zoresco Equipment is located at 1655 Route 228 in Cranberry Township at a former fueling station, (Texaco). The manager did not want his name on record. He stated that he had been familiar with the site for seven years, but did not own the property. To his knowledge, the property had been used as a fueling station for the past thirty years. The former dispensers and fueling island remain on site and confirmation of the USTs on site was given. He stated that the dispensers were no longer used. It was reported that the state performs tightness checks of the tanks every year. The business reportedly uses a water well, although municipal water lines are located nearby and could be connected if



necessary. The location of the water well was unknown. The business also utilizes a leach field that is located east of the site. Municipal sewer is reportedly not available to the business. The manager was unaware of the presence of an oil water separator on site. He stated that the business had no underground tanks (fueling tanks, collections tanks, or septic systems) located within the PennDOT right-of-way. He referred Markosky to the owner of the site for more information.

On October 26, 2017, an interview was conducted with Dave, an employee of the Johnston House. He was questioned regarding the past and current use of the property and surrounding area. He disclosed the location of a water well on the property (within the PennDOT right-of-way) that is no longer used. The property is connected to municipal water and sewer. He was not aware of any underground storage tanks or hazardous substances on the property or in the surrounding area. He could not recall the former presence of gasoline stations in the surrounding area.

On November 8, 2017 an interview was conducted with Ronald Nacey regarding his property located at 543 Beaver Street Extension as well as his surrounding properties. A drive-by inspection of the structures within the project area on October 26 revealed multiple buildings, vehicles, and heavy equipment likely within the PennDOT right-of-way. During the interview, Mr. Nacey relayed a brief history of his property ownership including the effects of the construction of S.R. 0228 through his property resulting in the fragmentation of the property, north and south of S.R. 0228. He communicated that a former road split his property east and west (the remaining portion of road located south of S.R. 0228 is labeled Schultz Road), but the former road is currently used as a driveway for his property and business. Mr. Nacey stated that once S.R. 0228 was constructed, his property was surveyed and the right-of-way for S.R. 0228 was made known to him; however he believes the survey listed a right-of-way distance different than what PennDOT lists currently. Following the original survey, he stated he had built his garage off the right-of-way, however the structure may fall within the proposed 100 foot right-of-way. A temporary plywood shed is located between S.R. 0228 and the garage, but the structure is not permanent and can be moved according to Mr. Nacey. He also disclosed that his garage structure is built on thirty feet of fill material brought in to fill a low area on the property. The fill material was transported to his property by Mars Borough and is likely historic fill. Through further discussions with Mr. Nacey, he stated that the property utilizes a water well located in the southeast corner of the residence located at 543 Beaver Street Extension while the residence located further west (listed as Karen's Art Studio) at 547 Beaver Street Extension is connected to municipal water. Both residences utilized municipal sewer. He had shown Markosky the location of a sewer manhole currently covered by gravel. Lastly, he relayed that that no underground storage tanks are placed in the vicinity of the PennDOT right-of-way. Mr. Nacey's property is described in more detail in Section E, Field Reconnaissance.

On November 8, 2017, an interview was conducted with a manager of the Sunoco fueling station located at 675 Castle Creek Drive Ext, Mars, PA. He reported having worked at this location for 14 years. He was not aware of any former leaking underground storage tank incidences or remedial efforts at his facility. He was unaware of the use of oil water separators in association with the gasoline station or carwash on site although he reported a collection vault for the spent water used by the car wash and a recycling system for the used water. The vault is reportedly pumped out twice a year by a contracted third party. He relayed that the fueling station utilizes municipal water and sewer and underground utilities are present throughout the property although specific locations were not known. He referred Markosky to the utility owners for their locations. He also mentioned

multiple vehicle accidents along S.R. 0228 near their business, but he did not describe the severity of the accidents or any associated spills. When questioned about empty concrete pads along the northern face of the building and minor staining observed, he stated the pads formerly held vacuum cleaners and an air pump which have been moved to the southern side of the property.

On November 27, 2017 Markosky had spoken with Kelly Maurer, traffic engineer with Cranberry Township municipal authority in regards to environmental issues within the project study area. Ms. Maurer stated she has been familiar with the area for approximately 25 years and mentioned that fill material was placed both north and south of Route 228 near the Franklin Road intersection. She stated that the former Texaco station, currently Zoresco Equipment, is built on fill material on the northern side of Route 228.

On November 28, 2017 a fax was sent to the Chief of the Adams Township Police Department in regards to any potential areas of concern as a result of hazardous substances or pollution events. Chief Anglum replied on November 30, 2017 stating “We have no records pertaining to your request”. The facsimile correspondence can be found within Appendix C of this report.

On December 1, 2017 a public records request was sent to Cranberry Township for information such as the existence of former gas stations, former or current leaking underground storage tanks, or illegal dumping. Information regarding water wells or septic systems known within or near the PennDOT right of way along S.R. 0228 was also requested. Cranberry Township replied on December 5, 2017 stating that the township does not have any documents or records pertaining to the area of interest along Route 228 in Cranberry Township.

On December 8, 2017 a formal request was sent to the Cranberry Township police department for information on vehicle accidents within the project area. Ms. Hawk, police administration manager, replied to Markosky stating that on S.R.0228 in Cranberry Township 19 and 14 accidents had occurred in 2016 and 2017, respectively. Information was not supplied to the department whether hazardous materials were spilt on the roadway.

Fire departments within Adams and Cranberry townships and Seven Fields borough were contacted, as the date of this report’s submission, no information was provided from any of the fire departments.

b. State and Federal File Reviews

As stated previously, the PADEP eMapPA website ([www.depgis.state.pa.us/emappa](http://www.depgis.state.pa.us/emappa)) was reviewed to identify the presence of potential recognized environmental conditions or regulated facilities within the project study area. The following facilities were identified on eMap within (or contiguous to) the project study areas: eight (8) X-Ray Machines, ten (10) Storage Tanks, two (2) Oil and Gas Wells, eleven (11) Historic Oil and Gas Well Locations, two (2) Envirofacts Facilities and one (1) Toxic Release Inventory. Two wastewater treatment plant discharges are located outside the project study area. PADEP eMapPA does not identify if storage tanks are underground or aboveground on the website. Review of additional government records and websites or field verification is needed to determine the placement of the storage tank(s). Information on these discharges is included in Appendix D.

The X-Ray facilities do not constitute recognized environmental conditions in their current condition next to the roadway. However, if the structures were to be demolished as part of the project, they should be properly decommissioned prior to building demolition and a health and safety plan should be developed. Potential environmental conditions associated with X-Ray Facilities include lead, residual chemicals, solvents and heavy metals associated with the development of X-Ray films. Locations and names of X-Ray Facilities identified on eMap are included in Appendix D.

The Storage Tanks identified as within or contiguous to the project area are registered to two locations: Sunoco (Store Number 0323 6783) and Grabenstein Texaco. Seven (7) tanks are registered at Sunoco, three (3) are listed as currently in use and four (4) have been removed. Three (3) tanks are registered with Grabenstein Texaco and are listed as temporarily out of use. All Storage Tanks within or contiguous to the project area are listed as in compliance. Locations and names of Storage Tanks identified on eMap are included in Appendix D.

The Oil and Gas Wells identified as within or contiguous to the study area are listed as inactive and plugged or abandoned. The wells do not constitute recognized environmental conditions; however the locations should be noted for planning purposes. Locations and names of Oil and Gas Wells identified on eMap are included in Appendix D.

The Historic Oil and Gas Well Locations identified as within or contiguous to the study area are not listed on the conventional or abandoned well databases. The wells do not constitute recognized environmental conditions; however the locations should be noted for planning purposes. Locations and names of Historic Oil and Gas Well Locations identified on eMap are included in Appendix D.

The Envirofacts Facilities listed on eMap identified as within or contiguous to the project study area are Sunoco (Store Number 0323 6783), 7- Eleven (Store Number 171), and Johnston House Restaurant. Sunoco is listed as a Hazardous Waste Biennial Reporter, CESQG, and State Regulated TSD. The 7-Eleven location is a gasoline station with a convenience store. It is misplaced on Envirofacts and is actually located west of Franklin Road. Johnston House Restaurant does not show up in an Envirofacts search on the EPA website and is assumed to be listed erroneously in eMap. Locations and names of Envirofacts Facilities identified on eMap are included in Appendix D.

The Toxic Release Inventory (TRI) Site identified as within or contiguous to the project study area is owned by Keystone Resources. The location associated with Keystone Resources TRI for the year reported (1988) is outside the study area. The location of the TRI appears to be incorrectly reported on eMap. The eMap information and the U.S. EPA Envirofacts TRI report for 1988 are included in Appendix D.

The U.S. EPA Envirofacts website ([www.epa.gov/enviro/index.html](http://www.epa.gov/enviro/index.html)) was also searched for potential recognized environmental conditions within the current project area. The following facilities were identified within (or near) the project study area: Rite Aid (Store Number 10987), Seven Fields Borough Butler County MS4, and Sunoco (Store Number 0323 6783). Of the facilities identified on the Envirofacts website, the Rite Aid (Store Number 10987) and the Sunoco (Store Number 0323 6783) are within or contiguous to the project study area. Rite Aid is classified as a Pharmacy and Drug Store, is listed in PA eFacts, and is designated as a CESQG. Seven Fields Borough is classified as other general government support, is listed in PA eFacts, and an NPDES permit is registered to this facility. Sunoco 0323 6783 is classified as a Hazardous Waste Biennial Reporter, a CESQG, and a State Regulated TSD. Envirofacts search results are provided in Appendix D.

The Pennsylvania Department of Environmental Protection (PA DEP) Activity and Use Limitations Registry (AUL) website was reviewed for listed properties within the study area. No properties were listed on the website within or contiguous to the study area. Two properties with an AUL restriction were listed at the intersection of S.R. 0228 and Mars-Valencia Road, approximately four thousand feet east of the current eastern extent of the study area.

The Pennsylvania Department of Environmental Protection (PA DEP) eFACTS website was searched for properties identified in the study area by EPA Envirofacts, PA eMAP, and the EDR database report.

- 7 Eleven 36147 was listed within the website and had violations listed between 2005 and February 2017; however, no violations were listed during the most recent inspection conducted on March 8, 2017.
- Grabenstein Texaco was listed within the website and had violations listed between 2007 and 2013; however, no violations were listed during the most recent inspection conducted on November 23, 2015.
- Sunoco 0323 3783 was listed within the website and had violations listed in 2010; however, no violations were listed during inspections conducted in 2014 and 2015.
- Rite Aid 10987 was listed within the website, but did not list additional information.
- CVS Pharmacy 2589 was listed within the website, but did not list additional information.
- Hespenheide Farm was listed within the website to have completed a cleanup of an unleaded gasoline release in 1993. A specific location was not provided, however; a Hespenheide Farm along Route 228 across from Myoma Road was mentioned in an article in the Butler Eagle newspaper dated June 9, 2015. No active permitted tanks are listed at this site.

c. Database Search

Review of the two EDR reports (Appendix E) identified 27 database listings for 12 facilities within one quarter mile of the project area. Two sites, Warrendale Plating Co and Roessing Bronze, could not be mapped due to inadequate information within the report, but were found to be located on Mars-Valencia Road in Mars and Myoma Road and Forsythe Road in Mars, respectively. Site locations are provided by epa.gov within hazardous waste corrective site listings. Warrendale Plating Co is listed in SEMS-Archive, Corractions, RCRA- TSD, RCRA NonGen / NLR, 2020 Cor Action databases while Roessing Bronze was found in the SEMS-Archive database. Epa.gov lists Roessing Bronze as an alternate name for Concast Metal Products Company, also identified within the report. The EPA.gov aerial location for Warrendale Plating Co's physical address is 363 Mars-Valencia Road in Mars while Roessing Bronze and Concast Metal Products' is located at 131 Myoma Road in Mars. Both sites' locations are situated outside of the proposed limits of work of the project study area. Of the identified facilities, five (5) sites are within (or contiguous to) the proposed limits of work within the project study areas. The sites identified within each of the study areas are:

Franklin Road to Myoma Road:

- 7 Eleven Store No. 171 and 36147 listed at 1559 and 1659 Route 228. This facility was found in UST and Manifest databases. The UST

database lists five tanks; three 8,000-gallon gasoline tanks, an 8,000-gallon diesel tank, and a 4,000-gallon kerosene tank. Manifests of D018 (Benzene), D001 (ignitable waste), and D013 (Lindane) are associated with this facility.

- Grabenstein Texaco listed at 1655 and 1565 Route 228. This facility was found in UST, EDR Historical Auto Station, and Manifest databases. The facility is listed as an Auto Station in 2001 and 2005 through 2010. The UST database lists three 6,000-gallon gasoline tanks that are temporarily out of use. The most recent inspection occurred in November 2015. Manifests were provided with a waste number of D018 (Benzene) and D001 (Ignitable waste) of 150 gallons in 2006.
- Sunoco 0323 6783 listed at 675 Castle Creek Drive. This facility was found in RCRA-CESQG, LUST, Archive AST, FINDS, Manifest, ECHO, and UST databases. The UST database lists a 16,000-gallon gasoline tank, an 8,000-gallon gasoline tank, and an 8,000-gallon diesel tank all currently in use. Two former LUSTs occurred at this location in 2006 and 2009. Cleanups have been reported to be completed in 2006 and 2011, respectively. Four ASTs containing gasoline and diesel are reported to be currently in use at the facility. Multiple waste manifests of D018 (Benzene) and D001 (Ignitable Waste) are associated with this facility which also is labeled as a RCRA-CESQG.
- Rite Aid No. 10987 listed at 100 Seven Fields Boulevard. This facility was found in the RCRA-CESQG, FINDS, ECHO, and Manifest databases. This business was listed to have handled ignitable and corrosive waste, chromium, mercury, selenium, m-cresol, benzopyran, nicotine, and salts. No violations were reported at this site.

#### Myoma Road to Pittsburgh Street:

- Hespenheide Farm listed on S.R. 0228. This facility is listed in the LUST database. A specific location was not provided, however; a Hespenheide Farm along S.R. 0228 adjacent to Myoma Road and abuts the Cranberry business district is mentioned in an article in the Pittsburgh Post-Gazette newspaper dated September 2, 2010. The article is included in Appendix C. The LUST had occurred in 1992, cleanup is reported to be completed in 1993, and soil was listed as the impacted medium. Groundwater was not recorded to be impacted.

#### d. Topographic Map and Aerial Photography Analysis

##### Topographic Maps:

1906-1953: A pipeline and an increase in dirt roads are observed from the 1906 through the 1953 maps.

1969-2013: The most notable change on these topographic maps is the construction of S.R. 0228 displayed on the 1969 map. An increase of transportation infrastructure such as township roads throughout the map is easily apparent and the most notable change on the 2013 map. No newly developed industrial areas are easily observed or displayed on these maps.

Aerial Photography:Franklin Road to Myoma Road:

1939-1975: The land uses on these photographs include agricultural activity, residential, and transportation. Present day Crider Road and the northern portion of Myoma Road are apparent in the photographs. A utility line appears to be constructed from 1952 to 1967. S.R. 0228 was constructed in this area between 1967 and 1969. Residential development increased after the construction of S.R. 0228.

1982-1993: The land use on these photographs remains agricultural, residential, and transportation. Residential areas have become more densely populated in the southwestern corner of the photograph. Additional development has increased throughout the photograph.

2002-2010: The land use on these photographs remains residential, commercial, and transportation. The 2002 photograph has been taken from a higher altitude and displays a view of the surrounding area. Residential developments are displayed as the primary land use in the surrounding area while commercial business development expands along S.R. 0228. A large plot of land has been razed and cleared prior to 2005 along S.R. 0228 and remains undeveloped through 2010. Commercial and residential areas continue to grow from 2002 through 2010.

Myoma Road to Pittsburgh Street:

1938-1982: The land uses on these photographs include agricultural activity, residential, and transportation. The S.R. 0228 alignment changes to its current configuration by 1969. Residential development increased throughout the 1960s and 1970s while a portion of agricultural land was converted into forested areas.

1990-2002: The land use on these photographs remains agricultural, forested, residential, and transportation. The Johnston House, a present day commercial business found in PA eFACTS appears in 1990.

2005-2010: The land use on these photographs remains largely forested in southern portions, agricultural in northern portions, residential, commercial, and transportation. A large residential housing development appears on the 2005 photograph behind newly developed businesses constructed along the northern side of S.R. 0228. A business and forested lands on the southern side of S.R. 0228 were razed in the 2006 photograph for commercial business development. Commercial properties grow steadily from 2005 through 2010.

An increase in residential and commercial structures and a decrease in agricultural activity has occurred within the study area when comparing the 1938 aerial photograph with the 2010 photograph. The most notable features are the construction of large residential developments and commercial facilities beginning in 2002. Copies of the topographic maps and aerial photography are included in Appendix E.

e. Field Reconnaissance

On October 26, 2017 and November 8, 2017, the project study area was visited to identify any obvious signs of contamination, such as stained soils, stressed or absent vegetation, discolored water, and odiferous areas. Markosky investigated businesses and properties that were identified by government databases to have handled hazardous

substances or are likely to handle hazardous substances. Additionally, businesses and/or properties identified during the site reconnaissance to likely contain or handle hazardous substances were investigated. The following sites containing potential environmental conditions were identified and investigated:

Franklin Road to Myoma Road: A field view revealed active and former fueling stations along with utilities, electrical transformers, and drainage structures along S.R. 0228 in a corridor featuring recent development of commercial structures and residential housing plans within the study area.

- A 7 Eleven Store located contiguous to the western extent of the project area displayed monitoring wells placed around and downgradient of the UST basin possibly indicating a former incident of a leaking underground storage tank.
- Within the project study area, Grabenstein Texaco, currently known as Zoresco Equipment, was investigated and a manager interviewed. The business is located on the northeast corner of the intersection of S.R. 0228 and Franklin Road. The business sells truck and SUV accessories such as truck caps, snow plows, and utility beds along with tow-behind trailers. The business is located within a former fueling station, Grabenstein Texaco. A one story building with a garage is placed in the northwestern corner of the property and a dispenser island is located south of the building. Entryways from S.R. 0228 and Franklin Road allow access to the site. The dispenser island remains on the property along with the fuel pumps although the pumps are surrounded by trailers and equipment, not easily accessible, and reportedly not in use. The manager also reported that the underground storage tanks remain on site, are inspected and tested often, and are in compliance with the state. The UST basin is located along the eastern portion of the paved parking lot. The manager also reported the business uses a water well and a leach field. The exact locations of both features are unknown, however the leach field is reported to be located east of the business where a stormwater basin is located downslope of the facility. Two stormwater grates were identified within the asphalt parking area of the business; one between the structure and the fueling island in a central location, and the other along an entryway from S.R. 0228. The grate located along the entryway was observed to be in poor condition with asphalt and surrounding soil collapsed, sunken, and partially covered in dirt and debris. Two additional stormwater grates were located in close proximity within a grassy area along Franklin Road and observed to be in good condition. No sheens were observed in any of the drains. Trailers and vehicles were parked on pavement and gravel throughout the site. The grassy area along S.R.0228 within the PennDOT right-of-way remained free of visual obstructions. No underground ground tanks or piping was reported and no evidence of underground tanks was observed to be located within the PennDOT right-of-way. Located on the eastern side of the building on site, used tires were stacked and a mobile storage container was observed. The mobile storage container was locked and inaccessible during the site visit. These areas appeared to be located outside of the study area and were briefly inspected. A storm water retention basin is located east of the facility and appeared to be covered in a green algae during the site reconnaissance. No sheens were

observed on the pond. The interview with a manager on site is included in Section IV Interviews.

- Located in the southwest corner of S.R. 0228 and Castle Creek Drive, a Sunoco fueling station (0323 6783) was inspected and a manager was interviewed. The Sunoco fueling station also provides vehicle washing and detailing equipment with two automatic car washing bays and vacuum and tire air equipment. Furthermore, the business sells consumables such as snacks, drinks, and convenience items within the building. Through an interview with the manager, an underground vault in the car wash was disclosed that collects spent wash water and is pumped out and the wastewater removed to an offsite location a few times a year. He stated that no oil water separators exist on the site. Additionally, he mentioned that no leaks from the USTs onsite have occurred in the 14 years he has been familiar with the site. This statement contradicts the EDR report and does not provide information into the reason for the monitoring wells on site. During the site reconnaissance, monitoring wells were observed throughout the site. Two stormwater inlets were observed; one was located south of the car wash and another is located west of the dispenser island. A white absorbent material was noticed near the base of a fuel dispenser possibly indicating the presence of an earlier minor fuel spill likely due to a mishandled transfer by a consumer. The stormwater inlet located a few feet away from the dispenser island displayed a sheen on the water within the drain. The stormwater drain located south of the car wash did not display a sheen on the water within the drain. A solid waste dumpster was located behind privacy fencing in the southwestern corner of the property. Multiple 55-gallon drums were placed behind the dumpster within the privacy fencing. Both labeled and unlabeled drums were observed in this area; the labeled drums were observed to be a green color and contained cooking grease while the unlabeled drums were observed to be a black color and are assumed to be used in conjunction with the monitoring wells as a MW purged water container. Staining was not apparent below any of the drums or the dumpster. The manager indicated the business is connected to municipal water and sewer. An employee of the Sunoco Station indicated a large amount of vehicle accidents along S.R. 0228 although the severity of the accidents could not be determined. No major spills were indicated as a result of accidents. The shoulder of the road was inspected for distressed vegetation, discolored soil, and oily sheens in stationary water. Pools of water were observed along the shoulder of S.R. 0228 outside of the business near stormwater grates. No sheens were observed on the water within the pools or within the drains. The interview with the manager on site is included in Section IV Interviews. Additionally, aerial photography provided by Google Earth displays the former UST basin located further north of its current location from its original construction date through 2014. The original location of the UST basin appears to have been located directly east of the retail portion of the business whereas its current location is southeast of the retail portion and adjacent to the island canopy. Aerial photography showing the UST basin's former and current location is included in Appendix B.



- A Rite Aid store located on the northeast corner of the intersection of S.R. 0228 and Seven Fields Boulevard was investigated. The exterior of the business appeared to be typical of a commercial building of this size and type featuring a parking lot surrounding the store, a mobile storage unit located near the loading dock outside of the rear of the store, a pad-mounted transformer near the border of the parking lot, and a solid waste dumpster located behind privacy fencing also outside of the rear of the store. Jill, an employee of the Rite Aid reported the store performs one hour photo processing does not develop camera film on site. The store also houses a pharmacy on site.
- A GetGo fueling station and car wash located at 204 Seven Fields Boulevard is listed within the EDR report and was investigated during the site visit; however, the business is located over 400 feet northwest of the state route and is well beyond the PennDOT right-of-way. Furthermore, the topography slopes southwest toward an unnamed tributary to Kaufman Run while S.R. 0228 is located in a southeastern direction.
- An electrical substation was identified and observed along eastbound S.R. 0228 south to southwest of the Lifepointe Alliance Church. No leaking or staining was noticed below the transformers on site.

Multiple pole-mounted and pad-mounted transformers were identified within this section of the total project area. None of the transformers identified appeared to be in poor condition or leaking during the site reconnaissance.

Multiple stormwater grates were located in the shoulder along S.R. 0228. No sheens or staining was observed in the drains located along S.R. 0228.

Photographs and a study area map are included in Appendix B.

Myoma Road to Pittsburgh Street: A field view revealed construction activities of new businesses as well as agricultural land use along with utilities, electrical transformers, and drainage structures along S.R. 0228 within the study area. This section of corridor features recent development of commercial structures and residential housing plans in the western section and formerly constructed residential homes, agricultural land, and minimal commercial development in the eastern section. Minimal staining was observed along travel ways consistent with typical vehicular use. No obvious signs of contamination were observed.

- Through the desktop investigation, Hespenheide Farm appears to have been located along the southern side of S.R. 0228 across from the current Lifepointe Alliance Church and Myoma Road. During the site visit, a grassy field was observed in the location of the former crop field and an unpaved road lead to the former location of the residence. No stained soil or environmental issues were identified in this general area.
- The Johnston House, located approximately 1,000 feet east of the intersection of S.R. 0228 and Heritage Creek Drive, had appeared on the Envirofacts website and was investigated as a result. The Johnston house is a wedding venue with a beauty parlor in the basement. An employee of the Johnston house was interviewed for information on the history and surrounding land usage. An unused private water well was described and

identified within the PennDOT right-of-way in the southern portion of the Johnston House property.

- The Nacey Property (located at 543 Beaver Street Extension) contained multiple buildings, vehicles, and heavy equipment likely within the PennDOT right-of-way warranting an interview with the landowner and a detailed site inspection. An interview was conducted with Ronald Nacey regarding his property as well as his surrounding properties. The site inspection revealed a residential home (addressed as 543 Beaver Street Ext) also utilized as a chiropractic office. A gravel driveway surrounds the residence and provides access to a neighboring residence (547 Beaver Street Extension). A separate two bay garage and a plywood storage shed are located in the southeastern portion of his property near S.R. 0228. An "Official Inspection Station" sign was hung on the exterior of the garage, but the extent of repairs performed is not known. Tires and yellow plastic tubing were located between the garage and the shed. Parked vehicles, a semi-truck trailer, vehicle parts, truck beds and truck cabs, vehicle engines, tow-behind trailers, pallets of aluminum siding, pallets of car batteries, a porta-john, wheelbarrows, 55-gallon blue plastic drums, 55-gallon black steel drums used as shelving, and portable plastic kerosene and diesel cans among other debris were placed around the structures. Further west of the garage and storage shed, an excavator, shelves of plastic piping, pallets of used electric generators, multiple 5-gallon buckets of river rocks, and pallets of landscaping bricks and block of glass were placed. Dark staining of leaked or spilt oils were observed around the garage and in the storage areas. A solid waste dumpster was placed in the farthest extent of the stored materials. No evidence of staining was observed leading to or surrounding the dumpster and no liquids were observed to be leaking out of the dumpster. The dumpster appeared to be in good condition. No evidence of oil-water separators or underground or above ground storage tanks were reported or observed, however; it should be noted that the interior areas of the buildings on the property were inaccessible and not observed during the site visit. The landowner stated the residence and chiropractic office are serviced by a water well, while the neighboring residence to the west is serviced by municipal water. Both buildings are connected to municipal sewer. The interview with Mr. Nacey, the property owner, is described in more detail in Section IV Interviews.
- A stormwater sediment basin located on a cleared and sparsely vegetated property across S.R. 0228 from Adams Ridge Boulevard displays a highly eroded and leaky embankment which could compromise the safety of traffic on S.R.0228 if a structure failure develops. Additionally, the overflow from the basin drains toward S.R.0228 from the pond, flows parallel to the road, undercutting the paved road berm and is collected by a sediment choked storm drain along S.R.0228. The stormwater sediment basin is displayed on the site map also showing the PNC Bank and the Getgo fueling station.

Photographs and a study area map are included in Appendix B.

In 1978 the Consumer Product Safety Commission banned both the sale and use of lead based paint. Due to the age of the structures in the area, it is possible that paint on the

structures contain lead and other toxic elements, such as arsenic, cadmium, and chromium.

Federal National Emission Standards for Hazardous Air Pollutants (NESHAP) regulations regarding asbestos (40 CFR 61, Subchapter M) apply to the demolition of structures that were constructed prior to 1985. Asbestos containing materials (ACMs) that may have been used in the construction of buildings and structures prior to 1985 include: insulation coverings on utility pipes; “transite” pipes (asbestos product); resilient floor coverings, asphalt roofing products, and fiber-reinforced materials such as joint caulks, joint sealants, and water proofing sheet membranes. Although none of these items were observed in the study areas, the presence or absence of ACM can not be determined unless an asbestos inspection by a PA Department of Labor and Industry (DLI) certified asbestos inspector is conducted on the structures.

Interviews were conducted with available property owners to determine past land uses and the presence of regulated materials located within their properties. The individuals interviewed at Zoresco Equipment and the Sunoco Station identified regulated materials on their property, but did not acknowledge releases from the tanks. A summary of each interview is described in Section IV Interviews. Telephone memos, email responses, and attachments are included in Appendix C Interviews.

## V. CONCLUSION

The following conclusions are the result of the Phase I ESA for the study area depicted in Appendix A:

### Franklin Road to Myoma Road:

- No Further Action Required for the 7-Eleven Fueling Station.

A 7-Eleven fueling station is located contiguous to the western extent of the project area at 1659 Route 228 in Cranberry Township. Although no Leaking Underground Storage Tank (LUST) incidents were listed in the EDR report, the site visit displayed monitoring wells placed around and downgradient of the UST basin possibly indicating a former incident of a LUST. However, the proposed work area does not extend into the fueling station and is situated upslope of the fueling station. Additionally, the topography of the land on which the station is located slopes in a western direction, away from the project area.

As long as the extent of the proposed work area remains east of the 7-Eleven fueling station, no further action is required. If the limits of construction should change, additional investigations or construction monitoring may be required.

- No Further Action Required at This Time for Grabenstein Texaco (Zoresco Equipment).

The former fueling station turned automotive accessory retail business located in the northeast quadrant of the S.R. 0228 and Franklin Road intersection currently houses USTs that have contained petroleum products. No LUSTs have been reported at this site and the manager interviewed had conveyed that the state regularly performs pressure checks of the tanks and piping. The site utilizes a water well whose location is unknown and a septic system and leach field. The stormwater retention pond, located east of the developed portion of the property, emitted a thick green color possibly indicative of excess nitrogen. The pond was observed from the shoulder of S.R. 0228 due to safety and access issues, but no oily sheens were observed on the pond. Upon review of the available information gathered, the site is in compliance with state and federal laws and

regulations. However, the site had functioned as a fueling station with an automotive garage prior to its current use. Petroleum products and hazardous substances were stored and distributed at this location. No obvious signs of contamination were noticed during the site reconnaissance. Excavation near the paved and developed portion of the site may reveal minor, easily handled or questionable amounts of contamination. If earth moving activities are proposed in this area, volatile organic compound (VOC) monitoring should be conducted for worker safety.

As per Publication 281, minor or easily handled amounts of contamination, may be addressed by a special provision in the Plans, Specification, and Estimate (PS&E) package in the Final Design. Therefore, a special provision should be included in the contract for handling of excavated materials and a worker health and safety plan should be implemented for this area. Additionally, if groundwater may be intercepted by construction activities near the UST basin, an assessment of groundwater contamination must be conducted. If the limits of construction should change, additional investigations or construction monitoring may be required.

- No Further Action Required at This Time for the Sunoco Fueling Station (0323 6783).

The fueling station located at the intersection of S.R. 0228 and Castle Creek Drive has experienced Leaking Underground Storage Tank (LUSTs) incidences in 2006 and 2009. The EDR report states that cleanup of both incidences has been completed. No additional information pertaining to the releases was provided by the owner of the site; however, groundwater monitoring wells remain onsite and 55-gallon steel drums were discovered near the solid waste dumpster. The black colored unlabeled drums are assumed to be used in conjunction with the monitoring wells as a MW purged water container. Furthermore, as observed in aerial photography, the UST basin had been relocated further south from its original location and S.R. 0228. Although, the cleanups have been reported to be complete, the presence of monitoring wells and 55-gallon drums suggests ongoing monitoring and sampling at the site for petroleum products within groundwater. The former location of the UST basin may fall within the proposed PennDOT right-of-way and, if earth moving activities are proposed in this area, volatile organic compounds (VOCs) monitoring should be conducted for worker safety. Excavation in this area may reveal minor, easily handled or questionable amounts of contamination.

As per Publication 281, minor or easily handled amounts of contamination, may be addressed by a special provision in the Plans, Specification, and Estimate (PS&E) package in the Final Design. Therefore, a special provision should be included in the contract for handling of excavated materials and a worker health and safety plan should be implemented for this area. If the limits of construction should increase and further impact the site, additional investigations in the form of a Phase II or construction monitoring may be required.

- No Further Action Required for the Rite Aid business.

A Rite Aid store located on the northeast quadrant of the intersection of S.R. 0228 and Seven Fields Boulevard was investigated as it is listed in the EDR report under RCRA CESQG, FINDS, ECHO, and Manifest databases. The substances listed within the report appear to have been associated with an on-site film development laboratory which is a service no longer offered. No violations were listed in the report with this site.

- No Further Action Required for the GetGo Fueling Station and Car Wash.

The GetGo fueling station and car wash located at 204 Seven Fields Boulevard was listed in the EDR report to contain USTs. A site visit confirmed the fueling station and car wash to be located approximately four hundred feet north of S.R. 0228, beyond the extent

of the study area, and beyond a building used by PNC Investments. The topography of the land on which the station is located slopes in a western direction while the study area is located south of the fueling station. Any potential contamination on the property would likely flow in a westerly direction, away from the study area.

- No Further Action Required for the electrical substation.

An electrical substation is located along eastbound S.R. 0228 south to southwest of the Lifepointe Alliance Church. No historic or current leaking or staining has been identified or observed in association with the site. No issues were noted with the site.

Although not considered to be an environmental concern, but a safety concern, a stormwater / sediment basin displays a highly eroded and leaking embankment which could compromise the safety of traffic on S.R.0228 if a structure failure develops. The basin is located across S.R. 0228 from Adams Ridge Boulevard on a cleared and sparsely vegetated property. Additionally, the overflow from the basin drains toward S.R.0228 from the pond, flows parallel to the road, undercutting the paved road shoulder and is collected by a sediment clogged storm drain along S.R.0228.

Myoma Road to Pittsburgh Street:

- No Further Action Required for the Johnston House.

The Johnston House is a business located approximately 1,000 feet east of the intersection of S.R. 0228 and Heritage Creek Drive. An unused private water well was described and located within the PennDOT right-of-way in the southern portion of the Johnston House property. The business currently utilizes public water. If highway expansion is planned in this area, the well should be properly abandoned following *Act 610 of the Water Well Drillers License Act* regarding the closure and abandonment of wells.

- No Further Action Required at This Time on Nacey Property (located at 543 Beaver St Extension in Mars).

The site reconnaissance revealed fuels, lubricants, hydraulic fluids, batteries, generators, car parts, and scrap metal among other items stored and used on the property. The property appears to be used as storage for a multitude of business ventures such as landscaping, minor construction, and an automotive repair business although the owner did not acknowledge the site's use. Oil staining was observed in multiple areas on the gravel lot and vegetation was noticed to be lacking in other areas. Much of the site was covered in automotive parts, pipes, barrels, pallets, tires, and other scrap and the areas below the items could not be observed resulting in a limitation on the property. The property owner also relayed the property was filled and leveled with thirty feet of fill from Mars Borough. A residential structure on the property is serviced by a water well.

The limits of proposed expansion by PennDOT are not available for review by Markosky at the time of this report's submission. If an area of cut or fill is proposed on the Nacey property, Markosky recommends initiating Phase II or Phase III activities to determine the presence and the extent of contamination on the property.

The presence or absence of ACM cannot be determined unless an asbestos inspection by a PA Department of Labor and Industry (DLI) certified asbestos inspector is conducted on the structures. Additionally, PennDOT does not require asbestos inspections for bridges lacking utility lines that do not span a railroad. Due to the age of the surrounding structures, it is possible that paint on or in the structures contains lead and other toxic elements, such as arsenic, cadmium,

and chromium. If the limits of construction should impact these parcels, additional investigations or construction monitoring may be required.

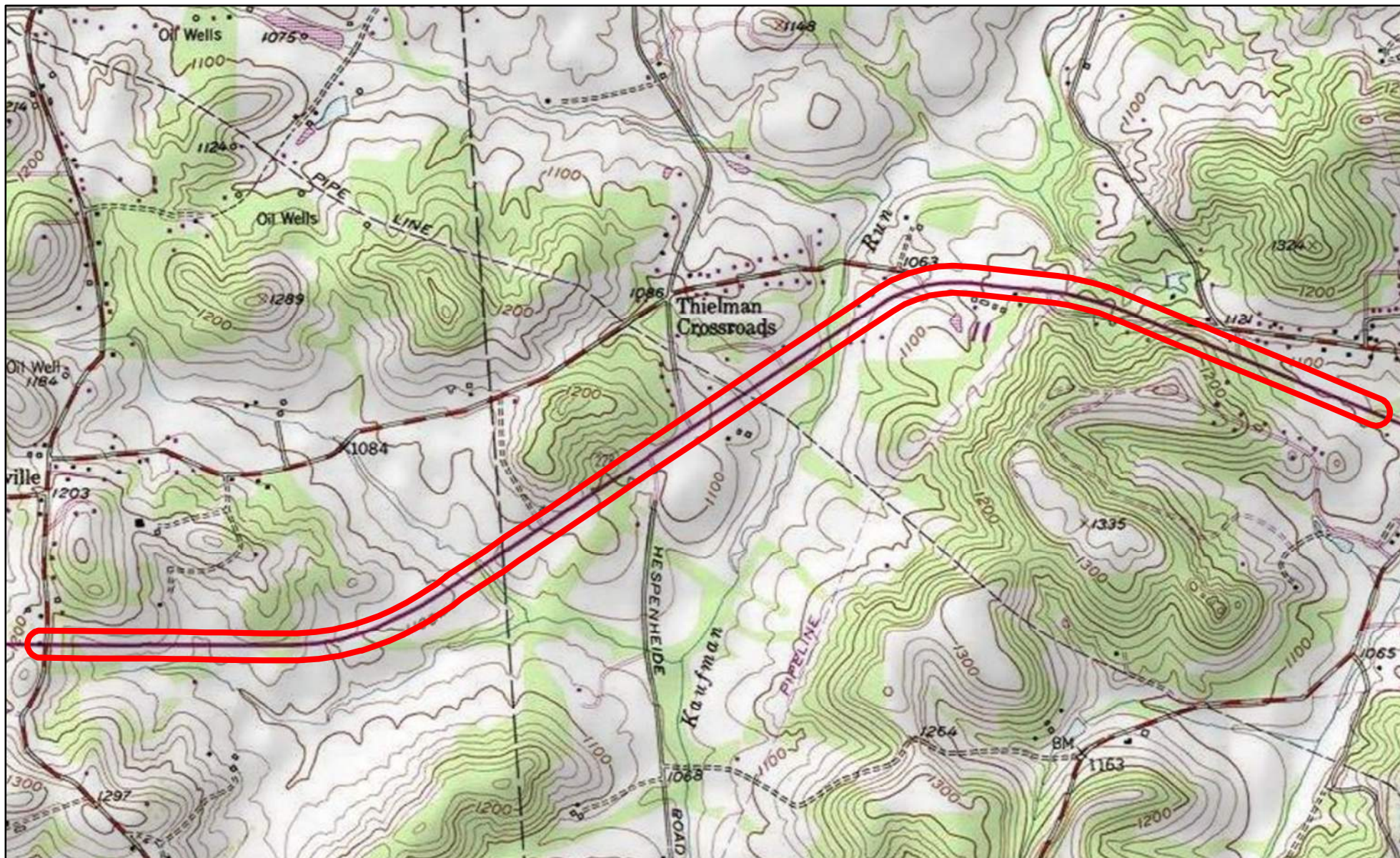
If contamination (suspected or verified) is found, the PennDOT District 10-0 Environmental Unit should be contacted immediately.

If design plans should change, including but not limited to construction and excavation limits, the conclusions provided in this report should be reviewed. Further waste related investigations may be required upon review.

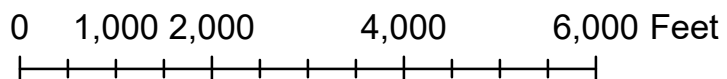
## **Appendix A**


### **Maps**



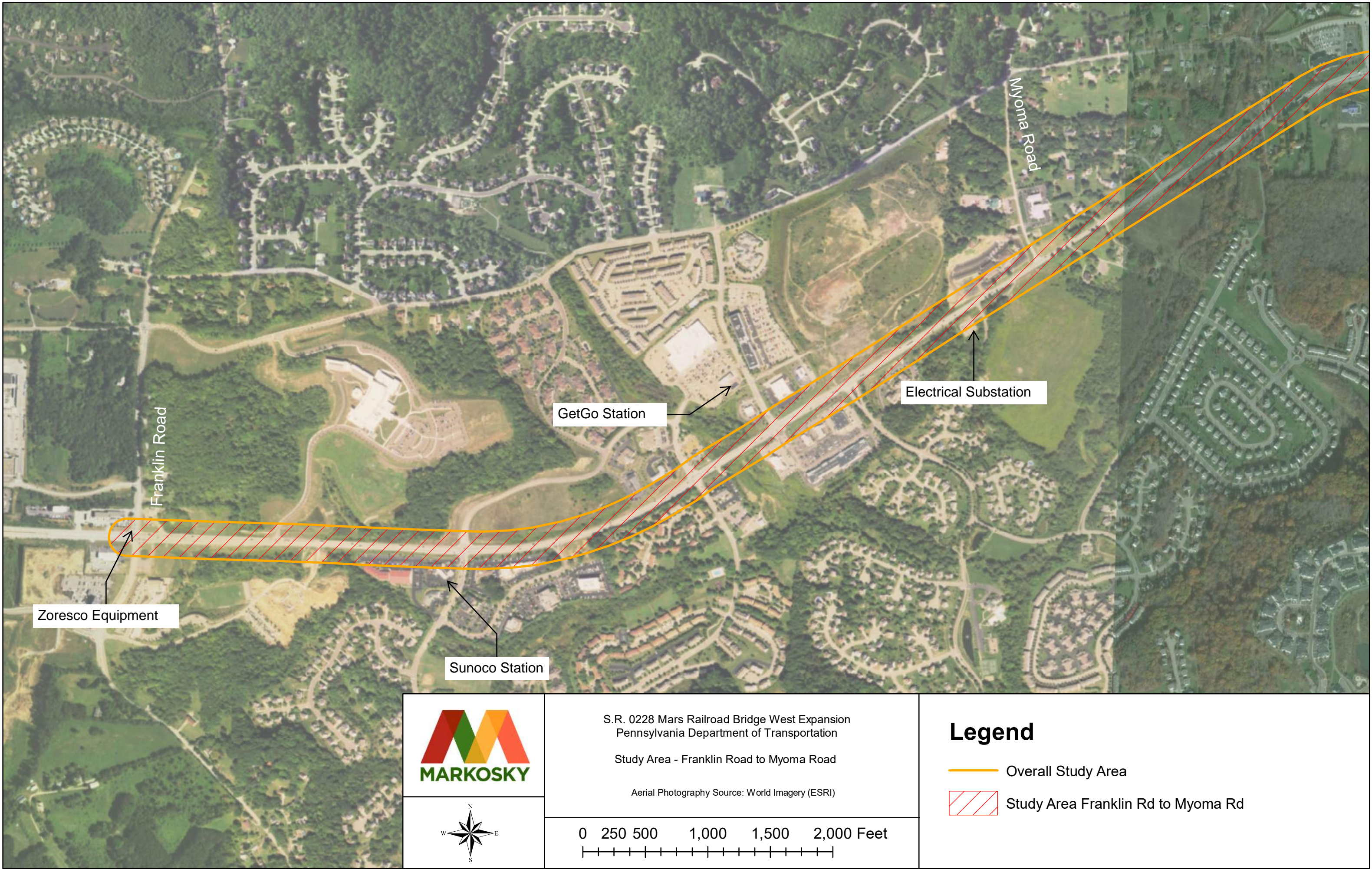


S.R. 0228 Mars Railroad Bridge West Expansion  
 Pennsylvania Department of Transportation  
 Adams and Cranberry Townships and Seven Fields Borough  
 Butler County, Pennsylvania  
 Project Location Map

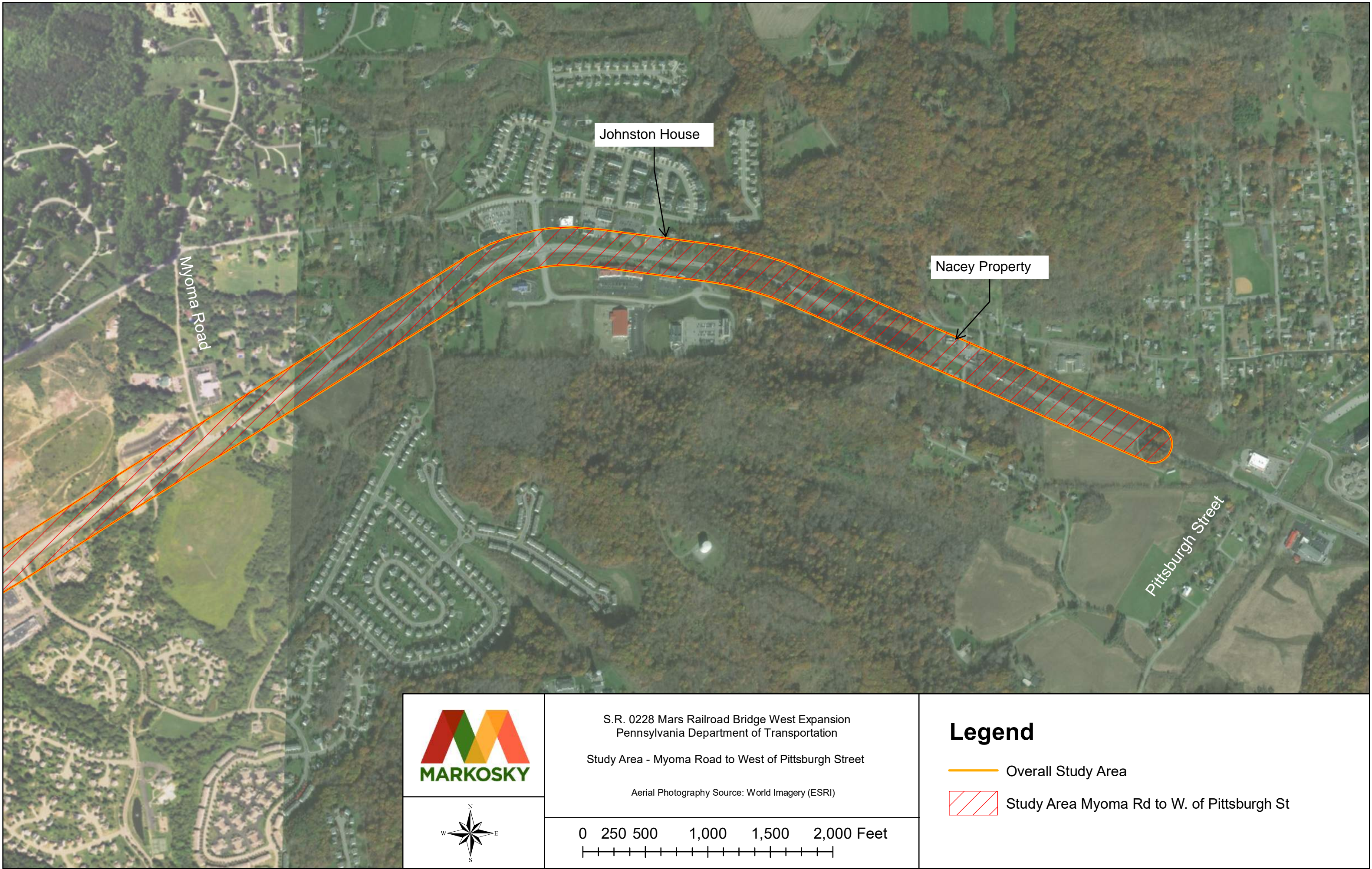


 Study Area







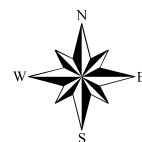


Myoma Road

Johnston House

Nacey Property

Pittsburgh Street



S.R. 0228 Mars Railroad Bridge West Expansion  
Pennsylvania Department of Transportation

Study Area - Myoma Road to West of Pittsburgh Street

Aerial Photography Source: World Imagery (ESRI)

0 250 500 1,000 1,500 2,000 Feet

## Legend

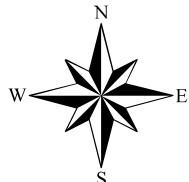
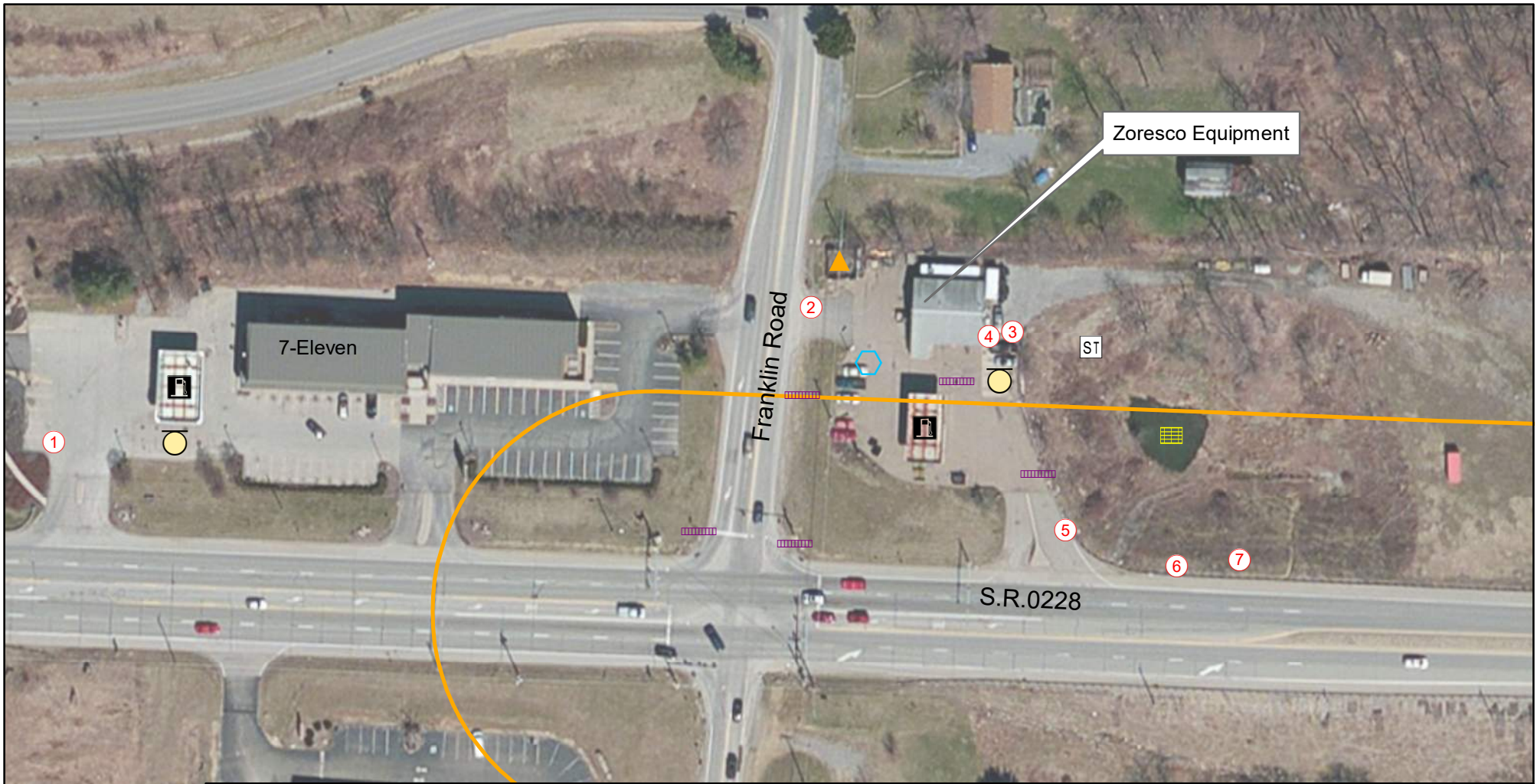
Overall Study Area

Study Area Myoma Rd to W. of Pittsburgh St



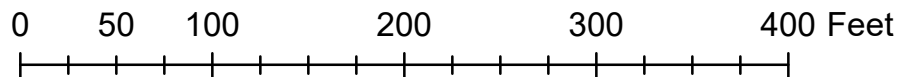
## **Appendix B**

### **Individual Site Maps and Photographs**



S.R. 0228 Mars Railroad Bridge West Expansion  
 Pennsylvania Department of Transportation  
 Cranberry Township, Butler County  
 Site Map - 7-Eleven and Zoresco Equipment

Aerial Photography Source: World Imagery (ESRI)



- Study Area
- UST Basin
- Fueling Island
- Water Wells
- Septic System
- Refuse Storage
- Stormwater Drain
- Stormwater Basin
- Photo Locations

**PHASE 1**  
**ENVIRONMENTAL SITE ASSESSMENT FIELD CHECKLIST**

<b>Contact Name:</b>	<b>Phone:</b> <u>724-238-4138</u>
<b>Date:</b> <u>10.26.17</u>	<b>Time:</b> <u>14:00</u>
<b>Inspection Team:</b> <u>JAR / AKB</u>	<b>Weather:</b> <u>52 and Partly Sunny</u>
<b>Site ID:</b> <u>Mars Railroad</u> <u>SR0228</u>	<b>Site Location:</b> <u>Zoresco Equipment</u>
<b>Project Info:</b> <u>Widening Project</u>	

**LAND USAGE**

<b>On Site:</b> <u>Snow plows,</u> <u>trailers, truck</u> <u>caps</u>	
<b>North:</b> <u>Residential</u>	<b>South:</b> <u>SR0228 transportation, vacant</u> <u>land</u>
<b>East:</b> <u>Stormwater</u> <u>Basin &amp; fill area</u> <u>for trailer display</u>	<b>West:</b> <u>Franklin Road transportation,</u> <u>commercial businesses, &amp; gas</u> <u>station</u>

**TERRAIN**

<b>Hills, Mounds, Depressions (general slope):</b>	<u>Gentle hills from the south, east</u> <u>and west slope toward the stream.</u> <u>Stream flows in a northerly</u> <u>direction.</u>
<b>Fill Area (depth &amp; type):</b>	<u>None</u>
<b>Paths, Trails, Railroad Tracks/Beds:</b>	<u>Grass travelway to eastern lot used</u> <u>for trailer storage.</u>
<b>Soil Type(s):</b>	<u>Brinkerton silt loam, 3 to 8 percent</u> <u>slopes include the entryway from</u> <u>SR0228 and the UST basin,</u> <u>Cavode silt loam, 8 to 15 percent</u> <u>slopes are located in the southeast</u> <u>portion of the site used for trailer</u> <u>storage, Gilpin-Wharton complex,</u> <u>15 to 25 percent slopes are located</u> <u>in the northeastern portion of the</u> <u>property, and Vandergrift Cavode</u> <u>silt loams, 8 to 15 percent slopes</u> <u>are present in the western portion</u> <u>of the site. All soil types make up</u>

a minimum of 20 percent of the  
property.

Soil Testing Evidence: ☒ None ☐ Borings ☐ Wells ☐ Hand Auger

**GROUNDWATER/ SURFACE WATER**

**Wells (onsite):** ☒ Yes ☐ No

Number: 1

Location: Unknown

Usage: Connected to the business as water source.

**Wells (within 500' of site):** ☒ Yes ☐ No

Number: Municipal water in area but business is  
connected to well.

Location: Unknown

Usage: Services business

**Ponds, Lagoons, Pits:** ☒ Yes ☐ No

Number: 1

Location: Stormwater basin located approx 75 feet east of  
business

**Streams:**

**-ephemeral:** ☐ Yes ☒ No

Location:

**-intermittent:** ☐ Yes ☒ No

Location:

**-perennial:** ☐ Yes ☒ No

Location:

**Wetlands:** ☒ Yes ☐ No

Location: Manmade stormwater basin

**E/S Controls:** ☐ Yes ☒ No

(diversion/ collection ditches, culverts,  
sediment ponds)

Describe:

**Discolored Water:** ☐ Yes ☒ No

**Point Source Discharge:** ☒ Yes ☐ No

**Storm Drains:** ☒ Yes ☐ No

Number of Discharges: The septic system leach field drains into the  
stormwater basin, but the exact location of the  
system was unknown. Two storm water drains  
are located in the paved portion of the business  
as well as along Franklin Road. One of the  
drains is located in a central area of the site  
between business structure and the dispenser

island. The other drain is located along the SR0228 entryway and was in poor condition. Two drains were located in close proximity to each other along Franklin road. No sheens were observed within any of the storm drains observed.

Scuppers on Bridge: N/A

### **BIO, CHEM & PHYS INDICATORS**

**Seeps / Discharge:**

☒ Yes

☐ No

Describe: Leach field discharge to retention basin

**Stained Ground:**

☐ Yes

☒ No

Color:

Character

**Stressed Vegetation:**

☐ Yes

☒ No

Describe:

**Faunal Stress:**

☐ Yes

☒ No

Describe:

**Odors:**

☐ Yes

☒ No

Describe / Source:

### **STRUCTURES**

**Buildings (number, use):** One building used for business and auto installation. One storage shed.

**Parking Lots (materials):** Asphalt and concrete

**Indications of asbestos:**

☐ Yes

☒ No

### **UTILITIES ON SITE**

**Water:**

☒ Public

☒ Private

**Sewer:**

☐ Public

☒ On-site System

**Power:**

☐ Above Ground

☒ Below Ground

**Transformers:**

☒ Yes

☐ No

Likely below ground power. One pole mounted transformer.

## **STORAGE TANKS**

### **Above Ground Tanks:**

☐ Yes

☒ No

Describe:  
(Contents, size, installation date &  
location)

### **Below Ground Tanks:**

☒ Yes

☐ No

Describe: USTs used by the former business remain on site. Three vent pipes were located on site as well as the dispensers. Reportedly, the tanks are pressure tested by the state often.  
(Contents, size, location, installation date & evidence) (Fill points, vents, pumps, etc.)

### **Fuel Islands:**

☒ Yes

☐ No

## **CONTAINERS**

### **Drums:**

☐ Yes

☒ No

Describe:  
(Contents, Labeled, Condition,  
Number)

### **Other (pails, bags, boxes):**

☒ Yes

☐ No

Describe: A refuse area of unknown contents between the structure and Franklin road.

## **WASTE HANDLING/ DISPOSAL**

### **Oil/ Water Separator:**

☐ Yes

☒ No

Location: Manager is unaware of a separator

### **Floor Drains:**

☒ Yes

☐ No

Outlet: Would likely discharge to onsite septic

### **Dumpster, Bulk Waste:**

☒ Yes

☐ No

Size/ Label: Typical solid waste dumpster size

### **Waste Disposal Areas:**

☒ Yes

☐ No

Waste Type: Unknown type. Locked fence. Unkempt and heavily vegetated area.



**Overall Assessment of Probability of Significant Contamination:**

☐ Low

☒ Moderate

☐ High

**Further Investigation Recommended:**

☐ No

☒ Yes -

Describe: Potential need for file review for inspection reports for USTs. If property is a take then Phase 2 or Phase 3 is recommended.

**Other Comments, Notes or Observations:**

See interview with manager onsite within Phase I report for more information.

**Site Sketch:** See attached site map

**PHASE 1**  
**ENVIRONMENTAL SITE ASSESSMENT FIELD CHECKLIST**

<b>Contact Name:</b>	<b>Phone:</b> <u>724-238-4138</u>
<b>Date:</b> <u>11.8.17</u>	<b>Time:</b> <u>15:00</u>
<b>Inspection Team:</b> <u>JAR / AKB</u>	<b>Weather:</b> <u>52 and Partly Cloudy</u>
<b>Site ID:</b> <u>Mars Railroad</u> <u>SR0228</u>	<b>Site Location:</b> <u>7-Eleven</u>
<b>Project Info:</b> <u>Widening Project</u>	

**LAND USAGE**

<b>On Site:</b> <u>Commercial</u> <u>building, (gas</u> <u>station),</u> <u>businesses.</u>	
<b>North:</b> <u>Undeveloped</u> <u>forested land.</u> <u>Transportation</u> <u>(Cranberry</u> <u>Commons Drive)</u>	<b>South:</b> <u>SR0228 transportation,</u> <u>commercial businesses</u>
<b>East:</b> <u>Commercial</u> <u>businesses,</u> <u>Franklin Street</u> <u>transportation,</u> <u>commercial</u> <u>business (former</u> <u>gas station)</u>	<b>West:</b> <u>Commercial businesses</u>

**TERRAIN**

<b>Hills, Mounds, Depressions (general slope):</b>	Terrain slopes west, mowed grass mounds are located between SR 0228 and the business.
<b>Fill Area (depth &amp; type):</b>	N/A
<b>Paths, Trails, Railroad Tracks/Beds:</b>	A sidewalk has been constructed from the southwestern corner into the neighboring business parking lot.
<b>Soil Type(s):</b>	Vandergrift – Cavode silt loams, 8 to 15 percent slopes are the majority of soils found on the property. This type is found in the

western and central portions of the site. The second most common soil type is Gilpin-Weikert channery silt loams, 8 to 15 percent slopes. This type is located in the eastern portions of the property.

Soil Testing Evidence: ☒ None ☐ Borings ☐ Wells ☐ Hand Auger

**GROUNDWATER/ SURFACE WATER**

**Wells (onsite):** ☒ Yes ☐ No

Number: 4 observed

Location: UST basin, southwestern corner of site near entryway, and in northwestern corner of lot near air tank.

Usage: 3 monitoring wells, one water well (near air tank)

**Wells (within 500' of site):** ☐ Yes ☒ No

Number:

Location:

Usage:

**Ponds, Lagoons, Pits:** ☐ Yes ☒ No

Number:

Location:

**Streams:**

**-ephemeral:** ☐ Yes ☒ No

Location:

**-intermittent:** ☐ Yes ☒ No

Location:

**-perennial:** ☐ Yes ☒ No

Location:

**Wetlands:** ☐ Yes ☒ No

Location:

**E/S Controls:** ☐ Yes ☒ No

Describe:

**Discolored Water:** ☐ Yes ☒ No

**Point Source Discharge:** ☐ Yes ☒ No

**Storm Drains:** ☒ Yes ☐ No

Number of Discharges: Three observed. Located in southwestern corners of parking areas and entryways. One is located at intersection of SR 0228 and Franklin

Road. No sheens were observed in the storm drains. The stormdrain in the entryway was full of sediment.

Scuppers on Bridge: N/A

### **BIO, CHEM & PHYS INDICATORS**

**Seeps / Discharge:**

☐ Yes

☒ No

Describe:

**Stained Ground:**

☒ Yes

☐ No

Color:

Dark colored staining likely from automotive oil leaks

Character

**Stressed Vegetation:**

☐ Yes

☒ No

Describe:

**Faunal Stress:**

☐ Yes

☒ No

Describe:

**Odors:**

☐ Yes

☒ No

Describe / Source:

### **STRUCTURES**

**Buildings (number, use):**

One building used as a convenience store and multiple other businesses. Gas station canopy also.

**Parking Lots (materials):**

Asphalt and concrete

**Indications of asbestos:**

☐ Yes

☒ No

### **UTILITIES ON SITE**

**Water:**

☒ Public

☐ Private

**Sewer:**

☒ Public

☐ On-site System

**Power:**

☒ Above Ground

☒ Below Ground

**Transformers:**

☒ Yes

☐ No

Pole mounted transformers in rear of building. No leaking or staining on or below transformers.

### **STORAGE TANKS**



**Above Ground Tanks:**☐ Yes☒ No

Describe:  
(Contents, size, installation date &  
location)

**Below Ground Tanks:**☒ Yes☐ No

Describe:  
(Contents, size, location, installation  
date & evidence) (Fill points, vents,  
pumps, etc.)

USTs in basin located south of the island  
canopy. Attendant could not answer specific  
questions about USTs

**Fuel Islands:**☒ Yes☐ No**CONTAINERS****Drums:**☐ Yes☒ No

Describe:  
(Contents, Labeled, Condition,  
Number)

**Other (pails, bags, boxes):**☐ Yes☒ No

Describe:

**WASTE HANDLING/ DISPOSAL****Oil/ Water Separator:**☐ Yes☒ No

Location:

**Floor Drains:**☐ Yes☒ No

Outlet:

**Dumpster, Bulk Waste:**☒ Yes☐ No

Size/ Label:

Two trash dumpsters were observed in the  
northwest section of the parking area. Rust  
staining was noticed below the dumpsters

**Waste Disposal Areas:**☐ Yes☒ No

Waste Type:

**Overall Assessment of Probability of Significant Contamination:**

☐ Low

☒ Moderate

☐ High

**Further Investigation Recommended:**

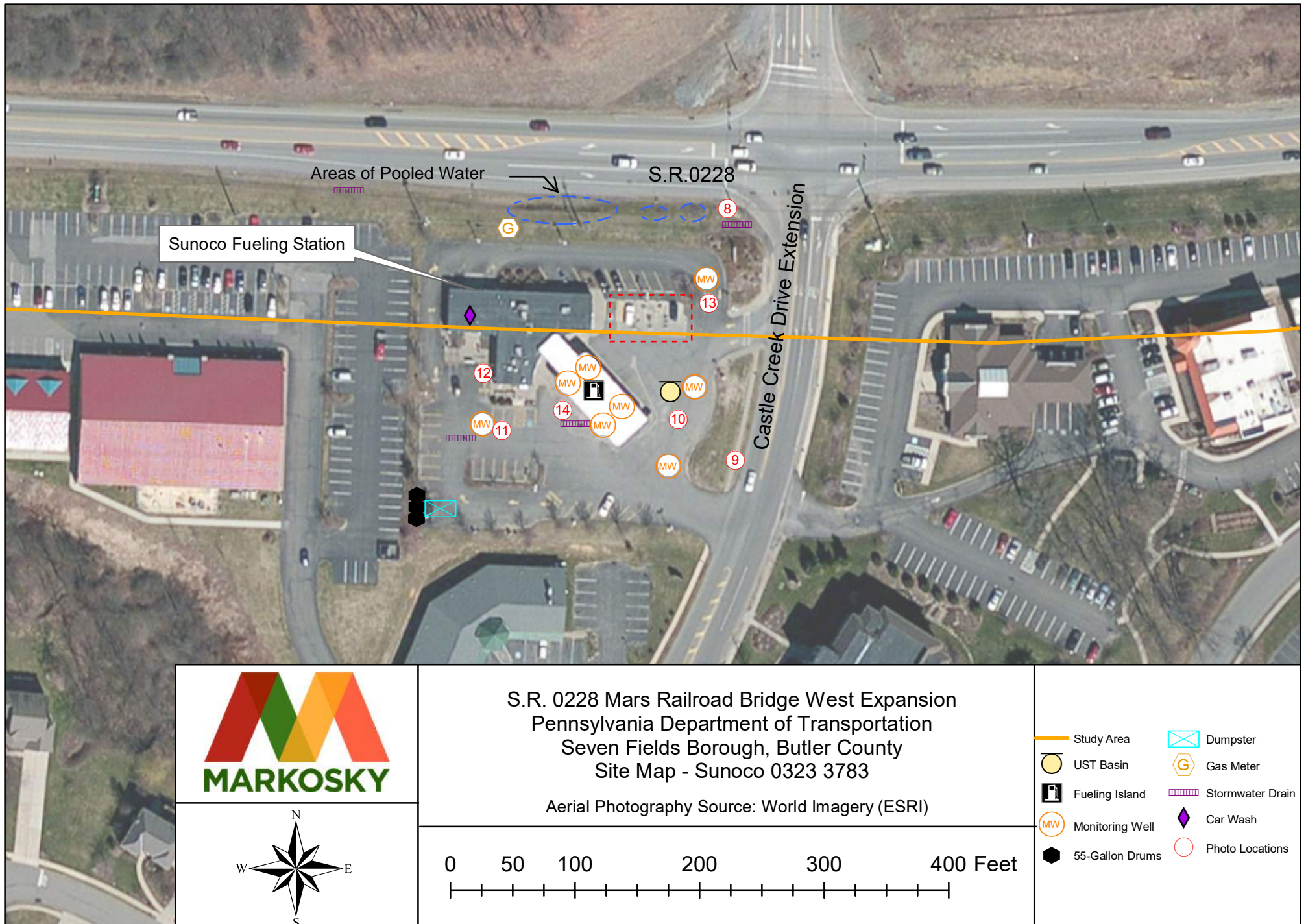
☒ No

☐ Yes -  
Describe:

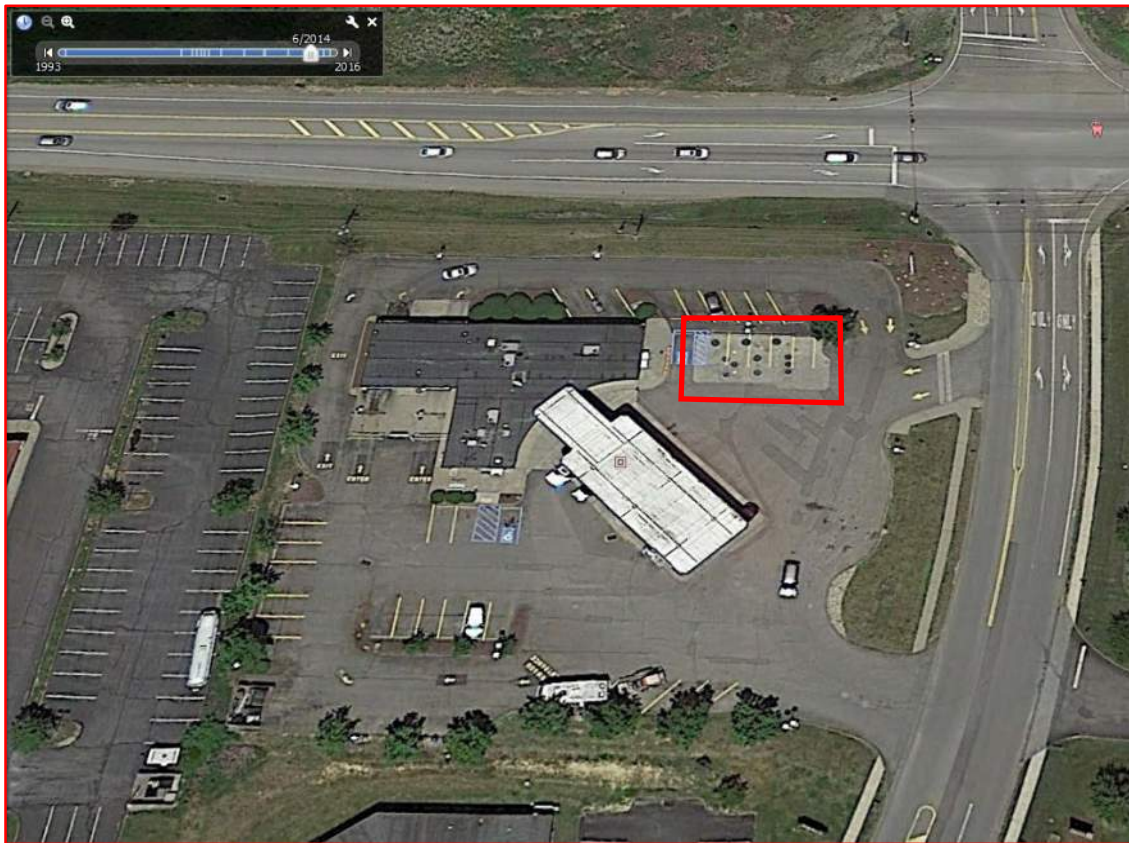
**Other Comments, Notes or Observations:**

The monitoring wells onsite hint towards a former UST leak; however, the property is outside of, although contiguous to, the project area. Additionally, the slope of the property is westward and away from the project area.

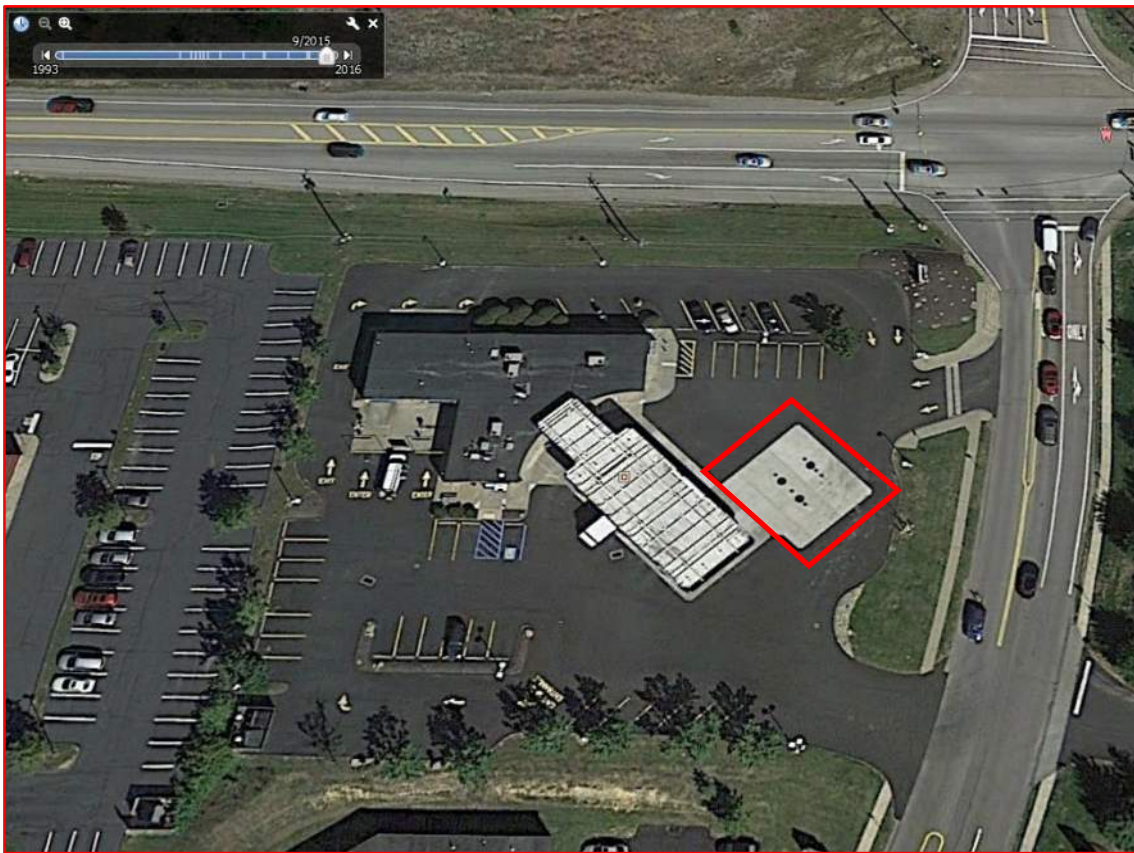
**Site Sketch:** See attached site map







Google Earth Pro Aerial Photograph – UST Basin (June 2014)



Google Earth Pro Aerial Photograph – UST Basin (September 2015)





**PHASE 1**  
**ENVIRONMENTAL SITE ASSESSMENT FIELD CHECKLIST**

**Contact Name:** \_\_\_\_\_ **Phone:** 724-238-4138  
**Date:** 11.8.17 **Time:** 10:00 am  
**Inspection Team:** JAR / AKB **Weather:** 40 and Sunny  
**Site ID:** Mars Railroad **Site Location:** Sunoco  
SR0228  
**Project Info:** Widening Project

**LAND USAGE**

**On Site:** Commercial (gas station)  
**North:** Transportation **South:** Commercial and Residential  
**East:** Commercial and Residential **West:** Commercial

**TERRAIN**

**Hills, Mounds, Depressions (general slope):** Flat (Paved)  
**Fill Area (depth & type):** N/A  
**Paths, Trails, Railroad Tracks/Beds:** None  
**Soil Type(s):** Cavode silt loam, 3 to 8 percent slopes are located in the northern half of the site. The majority of the structures are located in this portion. While Wharton silt loam, 3 to 8 percent slopes are located in the southern half of the property. Asphalt covers the majority of this soil type within the site.

**Soil Testing Evidence:** ☒ None ☐ Borings ☐ Wells ☐ Hand Auger

**GROUNDWATER/ SURFACE WATER**

**Wells (onsite):** ☐ Yes ☒ No  
Number:  
Location:  
Usage:

**Wells (within 500' of site):** ☒ Yes ☐ No  
Number: Multiple monitoring wells are located on site  
Location: Throughout site

Usage: Used for sample collection  
**Ponds, Lagoons, Pits:** ☐ Yes ☒ No  
Number:  
Location:

**Streams:**

**-ephemeral:** ☐ Yes ☒ No

Location:

**-intermittent:** ☐ Yes ☒ No

Location:

**-perennial:** ☐ Yes ☒ No

Location:

**Wetlands:** ☐ Yes ☒ No

Location:

**E/S Controls:** ☐ Yes ☒ No

(diversion/ collection ditches, culverts,  
sediment ponds)

Describe:

**Discolored Water:** ☒ Yes ☐ No  
**Point Source Discharge:** ☐ Yes ☒ No  
**Storm Drains:** ☒ Yes ☐ No

Number of Discharges: Slight sheens were observed in a few inlets on site however; it should be noted that a transfer spill appeared to have occurred earlier that day as a white absorbent material was scattered in a area below a dispenser. One of the several stormwater drains was located within four feet of the absorbent material. Additional stormwater drains were located in the western portion of the site as well as near the entrance to the car wash. Two stormwater drains were observed along the berm of SR 0228. Both drains along the berm were dry during the site visit.

Scuppers on Bridge: N/A

**BIO, CHEM & PHYS INDICATORS**

**Seeps / Discharge:** ☐ Yes ☒ No

Describe:

**Stained Ground:** ☒ Yes ☐ No

Color: White absorbent material likely due to earlier gasoline spill.

Character  
**Stressed Vegetation:** ☐ Yes ☒ No  
 Describe:  
**Faunal Stress:** ☐ Yes ☒ No  
 Describe:  
**Odors:** ☒ Yes ☐ No  
 Describe / Source: Gas odor near absorbent material

### **STRUCTURES**

**Buildings (number, use):** One building used as a convenience store and gas station with an attached car wash.

**Parking Lots (materials):** Asphalt  
**Indications of asbestos:** ☐ Yes ☒ No

### **UTILITIES ON SITE**

**Water:** ☒ Public ☒ Private  
**Sewer:** ☒ Public ☒ On-site System  
**Power:** ☒ Above Ground ☒ Below Ground  
**Transformers:** ☒ Yes ☐ No

Municipal water and sewer service the business. The car wash uses a collection tank with a recycling system according to the manager. Both above and below ground utilities are present onsite according to manager interviewed.

### **STORAGE TANKS**

**Above Ground Tanks:** ☐ Yes ☒ No  
 Describe:

(Contents, size, installation date & location) Previous ASTs removed. The manager mentioned they were placed in a vault below ground.

**Below Ground Tanks:** ☒ Yes ☐ No

Describe: Unleaded gasoline and diesel USTs are currently used by the business. Monitoring wells are also observed in the vicinity of the UST basin.  
(Contents, size, location, installation date & evidence) (Fill points, vents, pumps, etc.)

**Fuel Islands:** ☒ Yes ☐ No

### CONTAINERS

**Drums:** ☒ Yes ☐ No

Describe: Green drums of waste grease and unlabeled black drums that are likely monitoring well purged water. Approximately 5 drums total.  
(Contents, Labeled, Condition, Number)

**Other (pails, bags, boxes):** ☒ Yes ☐ No

Describe: Rusty propane tanks and plastic soda containers were set around the solid waste dumpster

### WASTE HANDLING/ DISPOSAL

**Oil/ Water Separator:** ☒ Yes ☐ No

Location: Assumed oil/water separator under carwash based on comments from manager

**Floor Drains:** ☒ Yes ☐ No

Outlet: Within carwash

**Dumpster, Bulk Waste:** ☒ Yes ☐ No

Size/ Label: Two typical solid waste dumpster size

**Waste Disposal Areas:** ☐ Yes ☒ No

Waste Type:

### Overall Assessment of Probability of Significant Contamination:

☐ Low ☒ Moderate ☒ High



**Further Investigation Recommended:**

☐ No

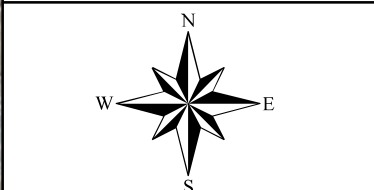
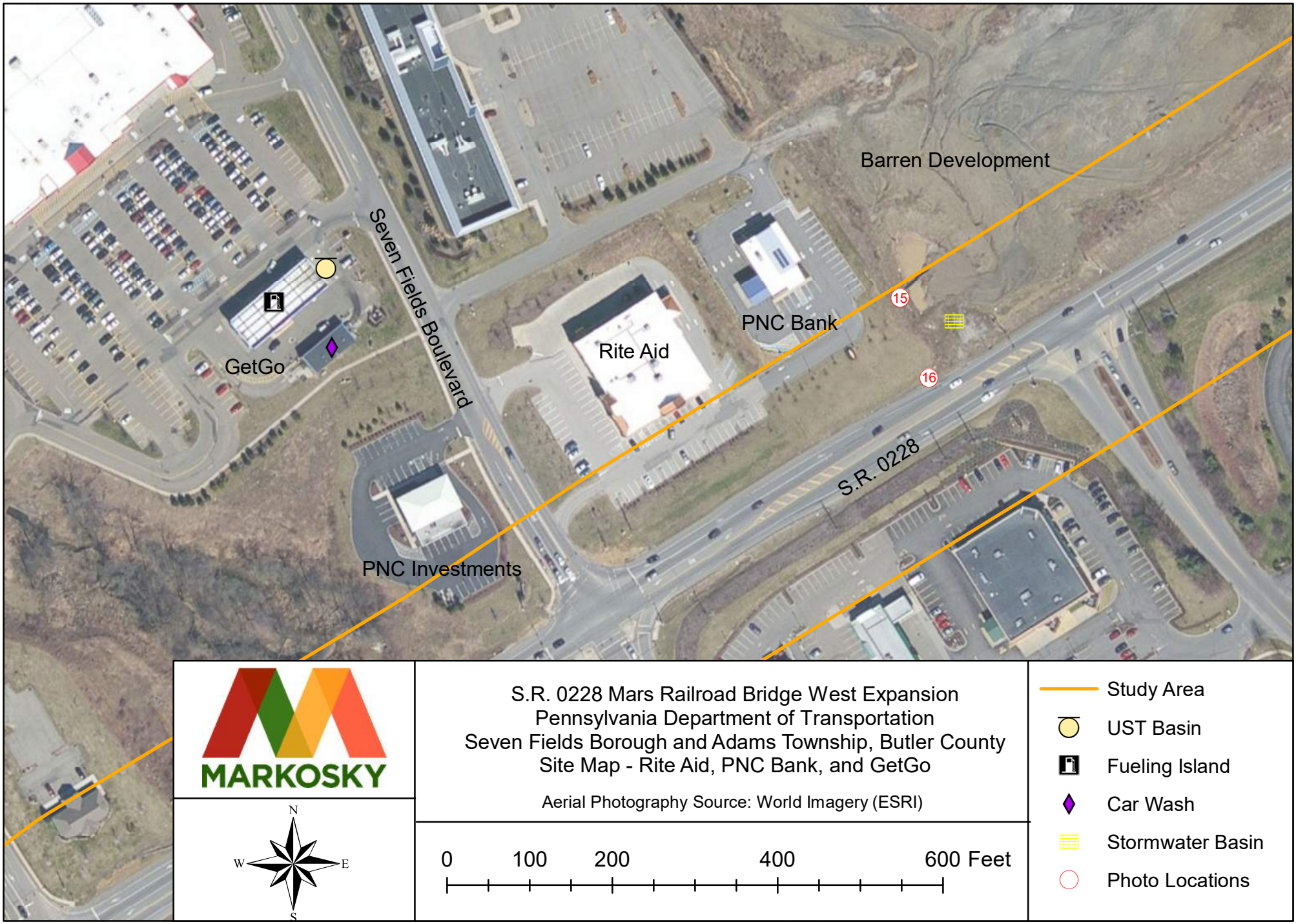
☒ Yes -

Describe: Need for file review to determine cleanup methodology and extent. If information cannot be obtained, Phase II or Phase III investigations will be recommended.

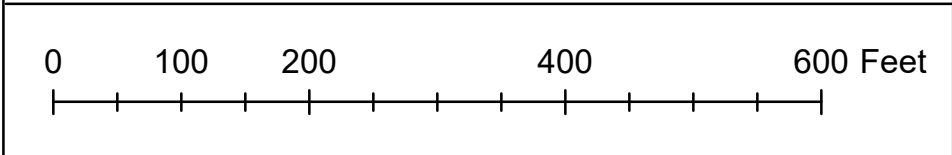
**Other Comments, Notes or Observations:**

See interview with manager onsite within Phase I report for more information.

**Site Sketch:** See attached site map



S.R. 0228 Mars Railroad Bridge West Expansion  
Pennsylvania Department of Transportation  
Seven Fields Borough and Adams Township, Butler County  
Site Map - Rite Aid, PNC Bank, and GetGo  
Aerial Photography Source: World Imagery (ESRI)



- Study Area
- UST Basin
- Fueling Island
- Car Wash
- Stormwater Basin
- Photo Locations

**PHASE 1**  
**ENVIRONMENTAL SITE ASSESSMENT FIELD CHECKLIST**

**Contact Name:** \_\_\_\_\_ **Phone:** 724-238-4138  
**Date:** 11.8.17 **Time:** 11:40  
**Inspection Team:** JAR / AKB **Weather:** 46 and Sunny  
**Site ID:** Mars Railroad **Site Location:** GetGo gas station, car  
SR0228 wash, and Rite Aid  
business  
**Project Info:** Widening Project

**LAND USAGE**

**On Site:**

**North:** Commercial  
Buildings (Rite  
Aid)

**South:** Commercial

**East:** Barren  
Development  
and a  
Stormwater  
Basin

**West:** Commercial (gas station)

**TERRAIN**

**Hills, Mounds, Depressions (general slope):** The topography slopes southwest.

**Fill Area (depth & type):** N/A

**Paths, Trails, Railroad Tracks/Beds:** None

**Soil Type(s):** Cavode silt loam, 3 to 8 percent  
slopes are located in the northern  
half of the site. The majority of  
the structures are located in this  
portion. While Wharton silt loam,  
3 to 8 percent slopes are located in  
the southern half of the property.  
Asphalt covers the majority of this  
soil type within the site.

**Soil Testing Evidence:** ☒ None ☐ Borings ☐ Wells ☐ Hand Auger

**GROUNDWATER/ SURFACE WATER**

**Wells (onsite):** ☒ Yes ☐ No

**Number:** Multiple monitoring wells surrounding GetGo  
gas station and car wash.

Location:

Usage:

**Wells (within 500' of site):**

☐ Yes

☒ No

Number:

Location:

Usage:

**Ponds, Lagoons, Pits:**

☒ Yes

☐ No

Number:

2. One sediment pond for undeveloped but cleared site. One floodplain area surrounding stream.

Location:

Sed pond is located east of site. Floodplain is located west of site.

**Streams:**

**-ephemeral:**

☐ Yes

☒ No

Location:

**-intermittent:**

☐ Yes

☒ No

Location:

**-perennial:**

☒ Yes

☐ No

Location:

UNT to Kaufman Run is located west of the GetGo gas station.

**Wetlands:**

☐ Yes

☒ No

Location:

**E/S Controls:**

☐ Yes

☒ No

(diversion/ collection ditches, culverts, sediment ponds)

Describe:

**Discolored Water:**

☐ Yes

☒ No

**Point Source Discharge:**

☐ Yes

☒ No

A discharge was noticed from the sediment pond east of the Rite Aid

**Storm Drains:**

☒ Yes

☐ No

Number of Discharges:

Two storm drains were observed in the parking lot of the giant eagle; one is located southwest of the GetGo station and the other between the gas station and carwash. Four storm drains were observed in the parking lot of the Rite Aid store. No sheens were observed in the drains.

Scuppers on Bridge:

N/A



## **BIO, CHEM & PHYS INDICATORS**

**Seeps / Discharge:**

☐ Yes

☒ No

Describe:

**Stained Ground:**

☐ Yes

☒ No

Color:

Character

**Stressed Vegetation:**

☐ Yes

☒ No

Describe:

**Faunal Stress:**

☐ Yes

☒ No

Describe:

**Odors:**

☐ Yes

☒ No

Describe / Source:

## **STRUCTURES**

**Buildings (number, use):** Four buildings, two banks, Rite Aid (a pharmacy), and GetGo (a gas station).

**Parking Lots (materials):** Asphalt and concrete

**Indications of asbestos:**

☐ Yes

☒ No

## **UTILITIES ON SITE**

**Water:**

☒ Public

☐ Private

**Sewer:**

☒ Public

☐ On-site System

**Power:**

☐ Above Ground

☒ Below Ground

**Transformers:**

☒ Yes

☐ No

Two pad mounted transformers were observed. One in the southwest corner of the Rite Aid property and another in the southeastern corner of the GetGo property.

## **STORAGE TANKS**

**Above Ground Tanks:**

☐ Yes

☒ No

Describe:

(Contents, size, installation date &  
location)

**Below Ground Tanks:**

☒ Yes

☐ No

Describe: Unleaded gasoline and kerosene USTs are  
(Contents, size, location, installation currently used by GetGo. Sizes unknown. UST  
date & evidence) (Fill points, vents, basin is located adjacent to and northeast of  
pumps, etc.) canopy.

**Fuel Islands:**

☒ Yes

☐ No

**CONTAINERS**

**Drums:**

☐ Yes

☒ No

Describe:  
(Contents, Labeled, Condition,  
Number)

**Other (pails, bags, boxes):**

☐ Yes

☒ No

Describe:

**WASTE HANDLING/ DISPOSAL**

**Oil/ Water Separator:**

☒ Yes

☐ No

Location:

Oil/water separator assumed south of  
carwash.

**Floor Drains:**

☒ Yes

☐ No

Outlet:

Located at car wash

**Dumpster, Bulk Waste:**

☒ Yes

☐ No

Size/ Label:

One solid waste dumpster, typical size

**Waste Disposal Areas:**

☐ Yes

☒ No

Waste Type:

**Overall Assessment of Probability of Significant Contamination:**

☒ Low

☐ Moderate

☐ High

**Further Investigation Recommended:**

☒ No

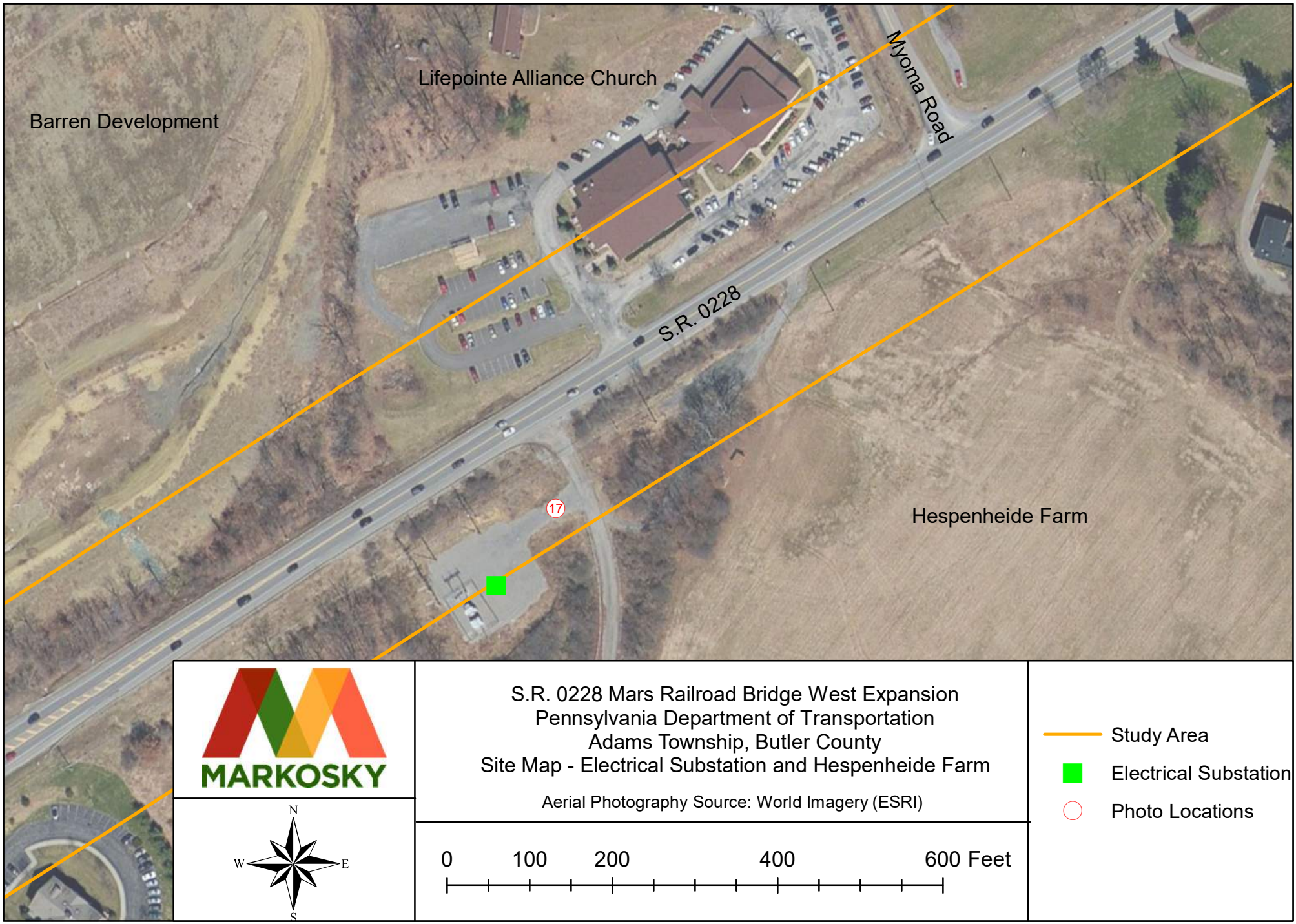
☐ Yes -

Describe: All potential hazards are located approximately 400 feet north of the study area. Any potential contamination on the property would likely flow in a westerly direction, away from the study area.

**Other Comments, Notes or Observations:**

See Phase I report for more information.

**Site Sketch:** See attached site map



Barren Development

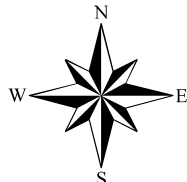
Lifepointe Alliance Church

Myoma Road

S.R. 0228

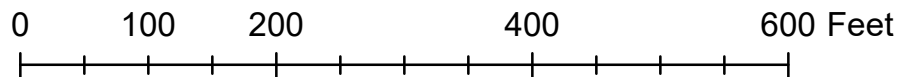
17

Hespenheide Farm



S.R. 0228 Mars Railroad Bridge West Expansion  
Pennsylvania Department of Transportation  
Adams Township, Butler County  
Site Map - Electrical Substation and Hespenheide Farm

Aerial Photography Source: World Imagery (ESRI)



- Study Area
- Electrical Substation
- Photo Locations



**PHASE 1**  
**ENVIRONMENTAL SITE ASSESSMENT FIELD CHECKLIST**

**Contact Name:** \_\_\_\_\_ **Phone:** 724-238-4138  
**Date:** 10.26.17 **Time:** 1545  
**Inspection Team:** JAR / AKB **Weather:** 52 and Partly Cloudy  
**Site ID:** Mars Railroad **Site Location:** Electrical Substation  
SR0228  
**Project Info:** Widening Project

**LAND USAGE**

**On Site:** Electrical Substation  
**North:** Lifepointe Alliance Church, Transportation (SR 0228) **South:** Undeveloped forested land and a dead end dirt road.  
**East:** Cleared undeveloped lot. Former farmland **West:** Transportation (SR 0228) and cleared undeveloped land.

**TERRAIN**

**Hills, Mounds, Depressions (general slope):** The terrain slopes south and vegetation surrounds the substation surface. A vegetated buffer exists between SR 0228 and the substation.

**Fill Area (depth & type):** It appears fill may have been brought in to level the substation surface on the southern and western sides.

**Paths, Trails, Railroad Tracks/Beds:** A dead end dirt road extends past the substation and heads south. The former farm house residence was likely located at the end of this dirt road.

**Soil Type(s):** Vandergrift – Cavode silt loams, 3 to 8 percent slopes is the only soil type found throughout the site.

**Soil Testing Evidence:** ☒ None ☐ Borings ☐ Wells ☐ Hand Auger

**GROUNDWATER/ SURFACE WATER****Wells (onsite):**☐ Yes☒ No

Number:

Location:

Usage:

**Wells (within 500' of site):**☐ Yes☒ No

Number:

Location:

Usage:

**Ponds, Lagoons, Pits:**☒ Yes☐ NoNumber: 1Location: Manmade stormwater pond located north of substation across SR 0228 for use by church parking lot.**Streams:****-ephemeral:**☐ Yes☒ No

Location:

**-intermittent:**☐ Yes☒ No

Location:

**-perennial:**☐ Yes☒ No

Location:

**Wetlands:**☐ Yes☒ No

Location:

**E/S Controls:**☒ Yes☐ NoDescribe: Manmade stormwater pond located north of substation across SR 0228 for use by church parking lot.**Discolored Water:**☐ Yes☒ No**Point Source Discharge:**☐ Yes☒ No**Storm Drains:**☐ Yes☒ No

Number of Discharges:

Scuppers on Bridge: N/A**BIO, CHEM & PHYS INDICATORS****Seeps / Discharge:**☐ Yes☒ No

Describe:

**Stained Ground:**☐ Yes☒ No

Color:

Character

**Stressed Vegetation:** ☐ Yes ☒ No  
Describe:  
**Faunal Stress:** ☐ Yes ☒ No  
Describe:  
**Odors:** ☐ Yes ☒ No  
Describe / Source:

### **STRUCTURES**

**Buildings (number, use):** None

**Parking Lots (materials):** Gravel, crushed stone

**Indications of asbestos:** ☐ Yes ☒ No

### **UTILITIES ON SITE**

**Water:** ☒ Public ☐ Private  
**Sewer:** ☐ Public ☐ On-site System  
**Power:** ☒ Above Ground ☒ Below Ground  
**Transformers:** ☒ Yes ☐ No  
Two large pad mounted transformers were observed. No leaking was noticed around the transformers.

### **STORAGE TANKS**

**Above Ground Tanks:** ☐ Yes ☒ No  
Describe:  
(Contents, size, installation date & location)

**Below Ground Tanks:** ☐ Yes ☒ No  
Describe:

(Contents, size, location, installation date & evidence) (Fill points, vents, pumps, etc.)

**Fuel Islands:**

☐ Yes

☒ No

**CONTAINERS**

**Drums:**

☐ Yes

☒ No

Describe:

(Contents, Labeled, Condition, Number)

**Other (pails, bags, boxes):**

☐ Yes

☒ No

Describe:

**WASTE HANDLING/ DISPOSAL**

**Oil/ Water Separator:**

☐ Yes

☒ No

Location:

**Floor Drains:**

☐ Yes

☒ No

Outlet:

**Dumpster, Bulk Waste:**

☐ Yes

☒ No

Size/ Label:

**Waste Disposal Areas:**

☐ Yes

☒ No

Waste Type:

**Overall Assessment of Probability of Significant Contamination:**

☒ Low

☐ Moderate

☐ High

**Further Investigation Recommended:**

☒ No

☐ Yes -

Describe:

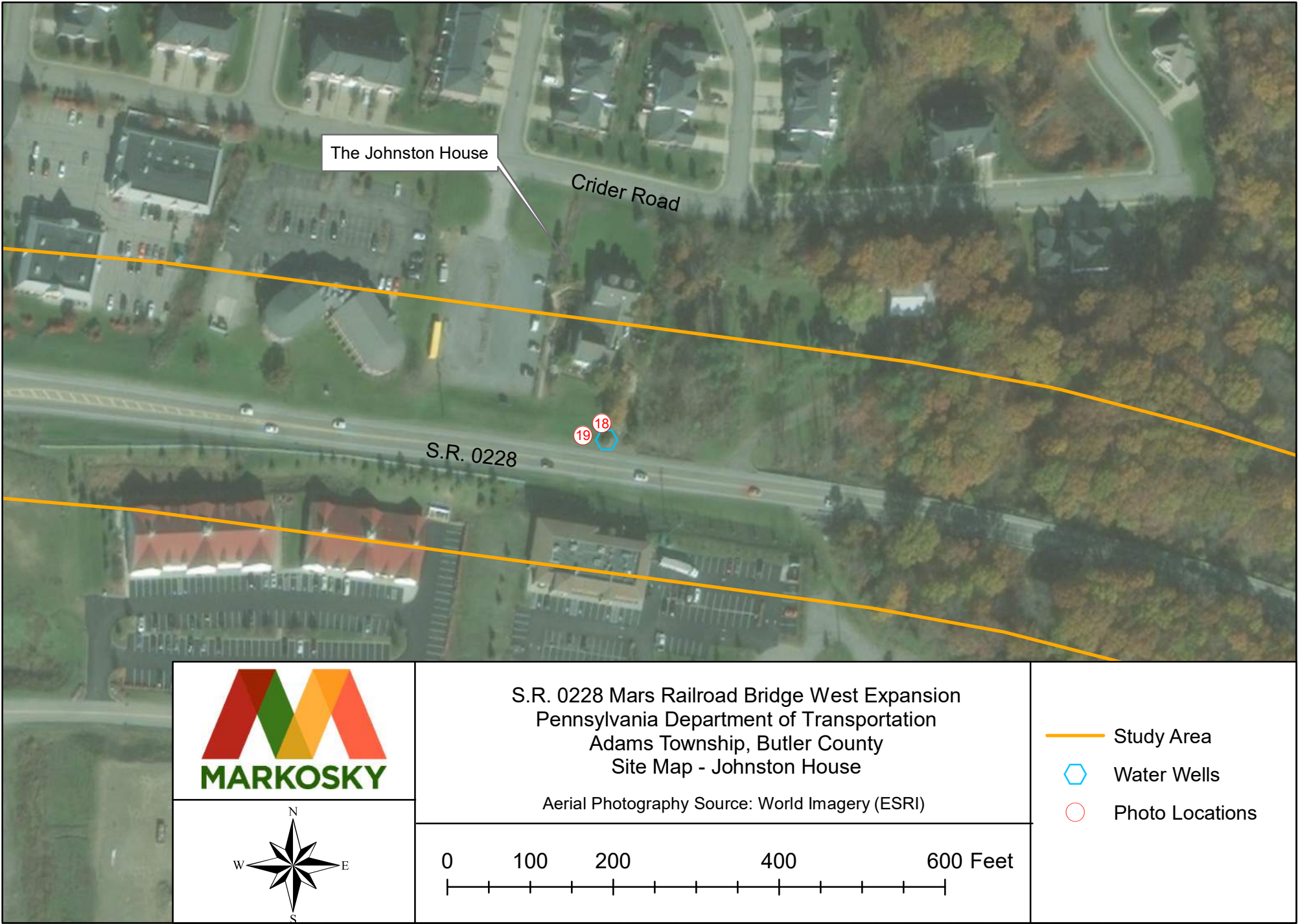
**Other Comments, Notes or Observations:**

No areas of concern were noted around the electrical substation.

**Site Sketch:** See attached site map





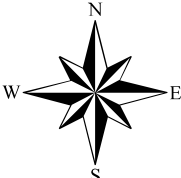


The Johnston House

Crider Road

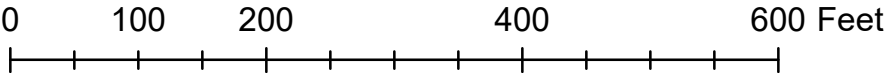
S.R. 0228

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19



S.R. 0228 Mars Railroad Bridge West Expansion  
Pennsylvania Department of Transportation  
Adams Township, Butler County  
Site Map - Johnston House

Aerial Photography Source: World Imagery (ESRI)



- Study Area
- Water Wells
- Photo Locations

**PHASE 1**  
**ENVIRONMENTAL SITE ASSESSMENT FIELD CHECKLIST**

**Contact Name:** \_\_\_\_\_ **Phone:** 724-238-4138  
**Date:** 10.26.17 **Time:** 11:00  
**Inspection Team:** JAR / AKB **Weather:** 42 and Partly Sunny  
**Site ID:** Mars Railroad **Site Location:** Johnston House  
SR0228  
**Project Info:** Widening Project

**LAND USAGE**

**On Site:** The Johnston  
House (a  
wedding venue  
with a beauty  
parlor in the  
basement.

**North:** Residential  
buildings and  
Crider Road  
**East:** Residential  
Buildings

**South:** Transportation (SR 0228) and  
Commercial Buildings  
**West:** Commercial Buildings.

**TERRAIN**

**Hills, Mounds, Depressions (general slope):** Terrain slopes northeast, mowed  
grass is located in northern and  
southern property borders.

**Fill Area (depth & type):** None observed.  
**Paths, Trails, Railroad Tracks/Beds:** N/A  
**Soil Type(s):** The Gilpin-Wharton complex, 15  
to 25 percent slopes is the soil type  
present surrounding the Johnston  
House.

**Soil Testing Evidence:** ☒ None ☐ Borings ☐ Wells ☐ Hand Auger

**GROUNDWATER/ SURFACE WATER**

**Wells (onsite):** ☒ Yes ☐ No  
Number: 1

Location: Southeast of building near SR 0228. Located near bush and telephone pole

Usage: Former domestic, currently unused

**Wells (within 500' of site):** ☐ Yes ☒ No

Number:

Location:

Usage:

**Ponds, Lagoons, Pits:** ☐ Yes ☒ No

Number:

Location:

**Streams:**

**-ephemeral:** ☐ Yes ☒ No

Location:

**-intermittent:** ☐ Yes ☒ No

Location:

**-perennial:** ☐ Yes ☒ No

Location:

**Wetlands:** ☐ Yes ☒ No

Location:

**E/S Controls:** ☐ Yes ☒ No

(diversion/ collection ditches, culverts, sediment ponds)

Describe:

**Discolored Water:** ☐ Yes ☒ No

**Point Source Discharge:** ☐ Yes ☒ No

**Storm Drains:** ☐ Yes ☒ No

Number of Discharges:

Scuppers on Bridge: N/A

**BIO, CHEM & PHYS INDICATORS**

**Seeps / Discharge:** ☐ Yes ☒ No

Describe:

**Stained Ground:** ☐ Yes ☒ No

Color:

Character

**Stressed Vegetation:** ☐ Yes ☒ No

Describe:

**Faunal Stress:** ☐ Yes ☒ No

Describe:

**Odors:** ☐ Yes ☒ No  
Describe / Source:

**STRUCTURES**

**Buildings (number, use):** One building The Johnston House (a wedding venue)

**Parking Lots (materials):** Crushed stone and asphalt

**Indications of asbestos:** ☐ Yes ☒ No

**UTILITIES ON SITE**

<b>Water:</b>	<input checked="" type="checkbox"/> Public	<input type="checkbox"/> Private
<b>Sewer:</b>	<input checked="" type="checkbox"/> Public	<input type="checkbox"/> On-site System
<b>Power:</b>	<input checked="" type="checkbox"/> Above Ground	<input type="checkbox"/> Below Ground
<b>Transformers:</b>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Four pole mounted transformers. No leaking or staining on or below transformers.

**STORAGE TANKS**

**Above Ground Tanks:** ☐ Yes ☒ No

Describe:  
(Contents, size, installation date & location)

**Below Ground Tanks:** ☐ Yes ☒ No

Describe:  
(Contents, size, location, installation date & evidence) (Fill points, vents, pumps, etc.)

**Fuel Islands:** ☐ Yes ☒ No

## **CONTAINERS**

**Drums:** ☒ Yes ☐ No

Describe: 1 mobile storage container located east of the building. Unknown contents.  
(Contents, Labeled, Condition, Number)

**Other (pails, bags, boxes):** ☐ Yes ☒ No

Describe:

## **WASTE HANDLING/ DISPOSAL**

**Oil/ Water Separator:** ☐ Yes ☒ No

Location:

**Floor Drains:** ☐ Yes ☒ No

Outlet:

**Dumpster, Bulk Waste:** ☒ Yes ☐ No

Size/ Label:

A dumpster was observed in the northwest corner of the parking lot. No staining was observed below the dumpster.

**Waste Disposal Areas:** ☐ Yes ☒ No

Waste Type:

## **Overall Assessment of Probability of Significant Contamination:**

☒ Low ☐ Moderate ☐ High

## **Further Investigation Recommended:**

☒ No ☐ Yes -  
Describe:

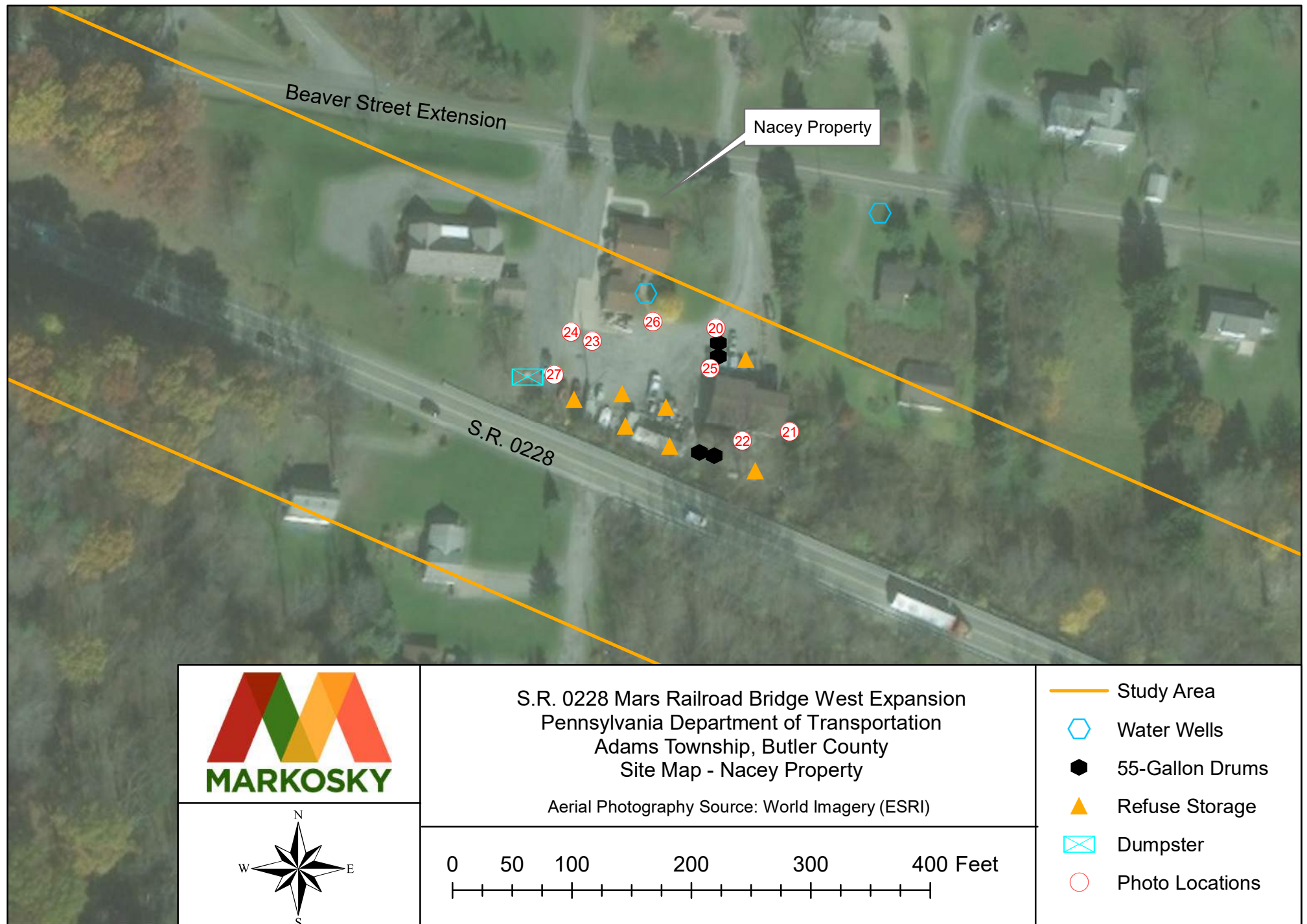
## **Other Comments, Notes or Observations:**

See interview with employee onsite within Phase I report for more information.

**Site Sketch:** See attached site map







**PHASE 1**  
**ENVIRONMENTAL SITE ASSESSMENT FIELD CHECKLIST**

**Contact Name:** \_\_\_\_\_ **Phone:** 724-238-4138  
**Date:** 11.8.17 **Time:** 13:30  
**Inspection Team:** JAR / AKB **Weather:** 46 and Sunny  
**Site ID:** Mars Railroad **Site Location:** 543 Beaver St Ext,  
SR0228 Mars, PA  
**Project Info:** Widening Project

**LAND USAGE**

**On Site:** Salvage / Auto  
Repair  
**North:** Residential **South:** Transportation and Residential  
**East:** Residential **West:** Residential

**TERRAIN**

**Hills, Mounds, Depressions (general slope):** Flat and Sloping  
**Fill Area (depth & type):** ~30' of fill from Mars Borough  
(owner statement). May qualify as  
historic fill.  
**Paths, Trails, Railroad Tracks/Beds:** None  
**Soil Type(s):** Cavode silt loam, 8 to 15 percent  
slopes cover the entire site.  
Limestone drive ways cover  
approximately forty percent of the  
site.

**Soil Testing Evidence:** ☒ None ☐ Borings ☐ Wells ☐ Hand Auger

**GROUNDWATER/ SURFACE WATER**

**Wells (onsite):** ☒ Yes ☐ No

Number: 1  
Location: Located on south side of residence in central  
area of the property  
Usage: Domestic & commercial

**Wells (within 500' of site):** ☒ Yes ☐ No

Number: One observed  
Location: On adjacent property to the east  
Usage: Likely domestic, but municipal water is in the  
area.

**Ponds, Lagoons, Pits:** ☐ Yes ☒ No  
Number:  
Location:

**Streams:**

**-ephemeral:** ☐ Yes ☒ No  
Location:

**-intermittent:** ☐ Yes ☒ No  
Location:

**-perennial:** ☐ Yes ☒ No  
Location:

**Wetlands:** ☒ Yes ☐ No

Location: On adjacent property located east of garage in southeast corner

**E/S Controls:** ☐ Yes ☒ No

(diversion/ collection ditches, culverts, sediment ponds)

Describe:

**Discolored Water:** ☐ Yes ☒ No

**Point Source Discharge:** ☐ Yes ☒ No

**Storm Drains:** ☐ Yes ☒ No

Number of Discharges:

Scuppers on Bridge: N/A

**BIO, CHEM & PHYS INDICATORS**

**Seeps / Discharge:** ☐ Yes ☒ No

Describe:

**Stained Ground:** ☒ Yes ☐ No

Color: Oil staining on gravel

Character

**Stressed Vegetation:** ☒ Yes ☐ No

Describe: Vegetation is lacking; however, much of the site is covered in gravel.

**Faunal Stress:** ☐ Yes ☒ No

Describe:

**Odors:** ☒ Yes ☐ No

Describe / Source: Faint oil smell

**STRUCTURES**

**Buildings (number, use):** Two structures are located near the PennDOT right-of-way in the southern portion of the property; one temporary building used for storage and another permanent two bay garage used for repairs.  
A residential structure is observed in the northern portion of the property, but appears to be used also as a chiropractic office.

**Parking Lots (materials):** Largely gravel. Concrete slabs are placed on site near the garage used for the residence.

**Indications of asbestos:** ☐ Yes ☒ No

### UTILITIES ON SITE

<b>Water:</b>	<input checked="" type="checkbox"/> Public	<input checked="" type="checkbox"/> Private
<b>Sewer:</b>	<input checked="" type="checkbox"/> Public	<input type="checkbox"/> On-site System
<b>Power:</b>	<input checked="" type="checkbox"/> Above Ground	<input checked="" type="checkbox"/> Below Ground
<b>Transformers:</b>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

A private water well and municipal sewer service the property however, the residential structure located in the western portion of the property is connected to municipal water lines. Above ground and underground utilities are present as observed during the site visit.

### STORAGE TANKS

**Above Ground Tanks:** ☐ Yes ☒ No

Describe:  
 (Contents, size, installation date & location)



**Below Ground Tanks:**☐ Yes☒ No

Describe:  
(Contents, size, location, installation  
date & evidence) (Fill points, vents,  
pumps, etc.)

**Fuel Islands:**☐ Yes☒ No**CONTAINERS****Drums:**☒ Yes☐ No

Describe: Approximately 15 unlabeled drums (steel and blue plastic)  
(Contents, Labeled, Condition, Number)

**Other (pails, bags, boxes):**☒ Yes☐ No

Describe: Buckets of gravel, tar, sand, and river rock were noticed as well as diesel and kerosene fuel containers, and vehicle fuel tanks.

**WASTE HANDLING/ DISPOSAL****Oil/ Water Separator:**☐ Yes☒ No

Location:

**Floor Drains:**☐ Yes☒ No

Outlet:

**Dumpster, Bulk Waste:**☒ Yes☐ No

Size/ Label:

One solid waste dumpster, smaller size

**Waste Disposal Areas:**☒ Yes☐ No

Waste Type:

Pallets of auto batteries, cars, car parts, piping, scrap metal, used tires, generators, bricks, glass bricks, a semi-truck trailer, engines, and an excavator.

**Overall Assessment of Probability of Significant Contamination:**☐ Low☒ Moderate☐ High**Further Investigation Recommended:**☐ No☒ Yes -

Describe: Phase II or Phase III investigation will be recommended if a cut is planned on this property.

**Other Comments, Notes or Observations:**

See interview with property owner within Phase I report for more information.

**Site Sketch:** See attached site map

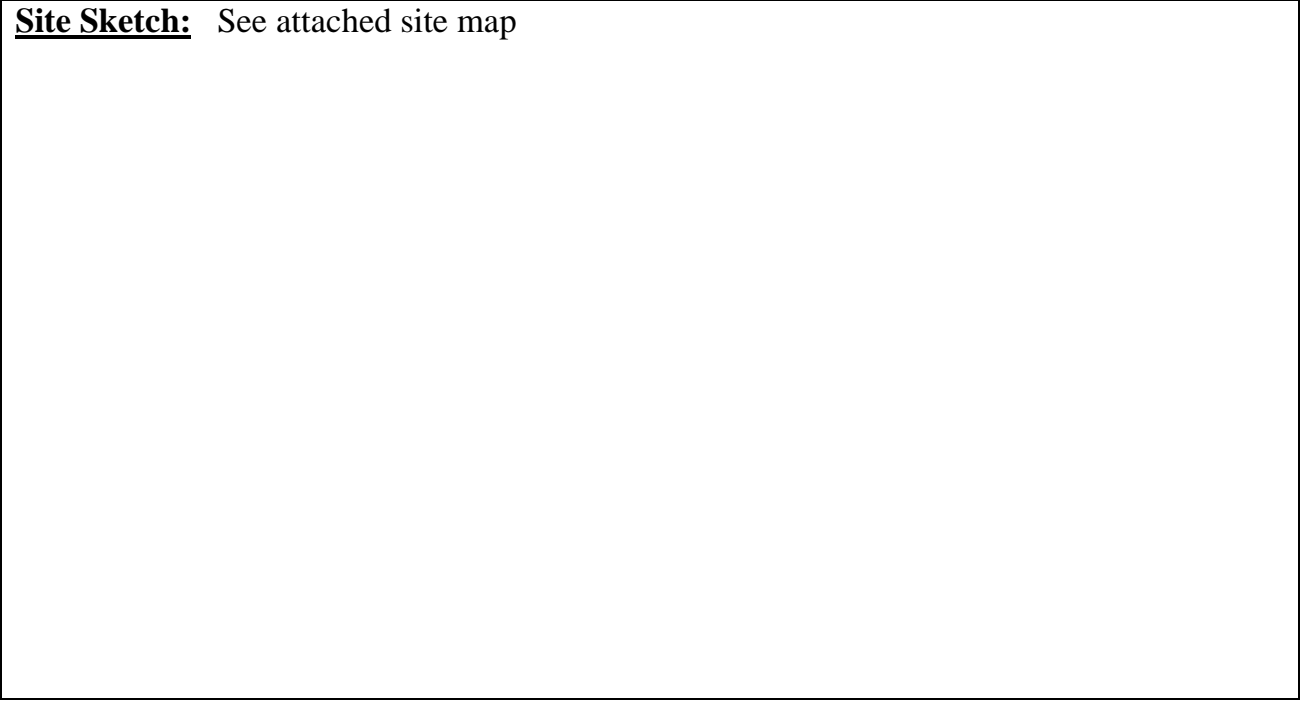




Photo 1: 7-Eleven fueling station and UST basin facing east (10.26.17)



Photo 2: Zoresco Equipment facing southeast (10.26.17)



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724.238.4138 • [www.markosky.com](http://www.markosky.com)

COLLABORATIVE ENGINEERING



Photo 3: Zoresco Equipment's UST basin facing southwest (10.26.17)



Photo 4: Zoresco Equipment dispensers , UST basin, and storm drain facing south (10.26.17)



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 COLLABORATIVE ENGINEERING





Photo 5: Entrance to Zoresco Equipment facing northwest (10.26.17)



Photo 6: Stormwater retention pond east of Zoresco equipment facing north (10.26.17)







Photo 7: Mobile storage container and tow-behind trailers east of pond facing east (10.26.17)



Photo 8: Water pooling in berm between Sunoco and SR 0228 facing west. (11.8.17)



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COLLABORATIVE ENGINEERING





Photo 9: UST vents for Sunoco and SR0228 in background facing north (11.8.17)



Photo 10: UST Basin location at Sunoco station facing northwest (11.8.17)







Photo 11: Sunoco dispenser island and monitoring well in foreground facing east (11.8.17)



Photo 12: Entrance to car wash within Sunoco property facing east (11.8.17)







Photo 13: Monitoring well located in Sunoco parking lot (11.8.17)



Photo 14: White absorbent material and inlet with sheen in Sunoco parking lot (11.8.17)







Photo 15: Stormwater sediment basin with leaking embankment facing east (11.8.17)



Photo 16: Photo of leaking embankment and proximity to S.R.0228 facing east (11.8.17)







Photo 17: Electrical substation facing southwest (10.26.17)



Photo 18: Johnston House from shoulder of S.R. 0228 facing northwest (10.26.17)



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COLLABORATIVE ENGINEERING





Photo 19: Water well formerly used by Johnston House located within PennDOT ROW facing southeast (10.26.17)



Photo 20: Nacey property garage with view of drums and vehicle engine facing southeast (11.8.17)







Photo 21: Construction materials stored between garage and ROW facing west (11.8.17)



Photo 22: 55-gallon drums used for storage on property facing northwest (11.8.17)



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COLLABORATIVE ENGINEERING





Photo 23: Landscaping and construction materials on property facing east (11.8.17)



Photo 24: Oil staining on gravel lot facing east (11.8.17)



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COLLABORATIVE ENGINEERING



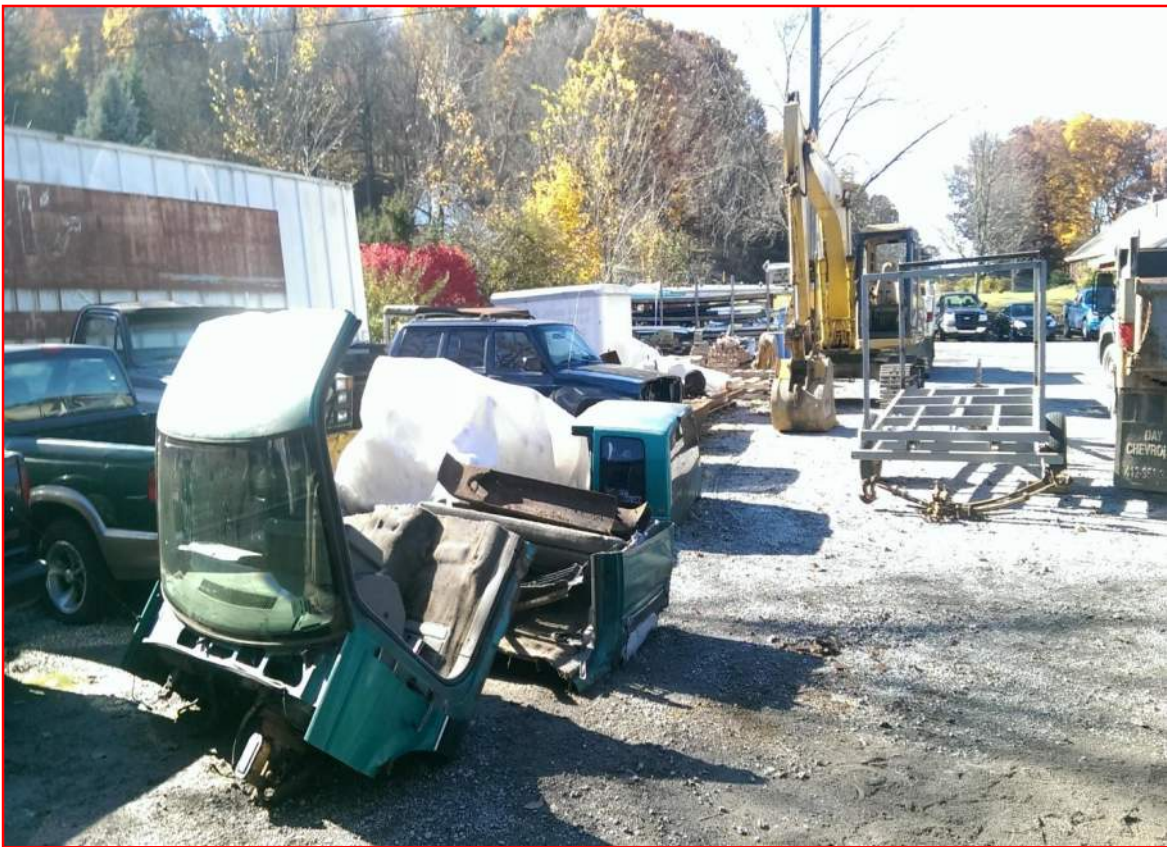


Photo 25: Disassembled vehicles on gravel lot facing west (11.8.17)



Photo 26: Water well on Nacey property used by residence facing north (11.8.17)



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Photo 27: Generators stored on site facing east (11.8.17)



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COLLABORATIVE ENGINEERING

## **Appendix C**

### **Interviews**



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TELECOM MEMO

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BY:	<u>Jonathan Russick</u>	DATE:	<u>11/27/2017</u>
CALL TO:	<u>Adams Township Municipal Building</u>	CALL FROM:	<u></u>
OF:	<u></u>	OF:	<u></u>
PHONE:	<u>724-625-2221</u>	PHONE:	<u></u>
PROJ. NO.:	<u>16-048</u>	PROJ. NAME:	<u>SR0228 Mars RR</u>

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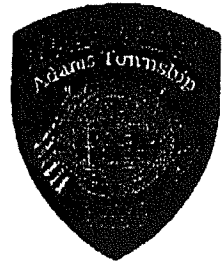
**RE:**

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Markosky had spoken with Gary of the Adams Township municipal authority regarding past information on the project area relating to pollution events, dumping activities, etc. He referred Markosky to the Adams Township Police department for this information.

# FAX



## ADAMS TWP. POLICE DEPARTMENT

690 Valencia Road

Mars, PA 16046

Office: 724-625-2040

Fax: 724-625-2139

[www.adamstwp.org](http://www.adamstwp.org)

DATE:

TO:

FAX #:

FROM:

Reference:

# of Pages:   
(including cover)

**Comments:**

**We have no records pertaining to your request.**

The information accompanying this facsimile is intended for the use of the individual to whom it is addressed. If you are not the intended recipient or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you received this communication in error, please notify us immediately by telephone (724) 625-2040, or dispatch (724) 287-7769.



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TELECOM MEMO

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BY:	<u>Jonathan Russick</u>	DATE:	<u>11/27/2017</u>
CALL TO:	<u>Adams Township Fire Department</u>	CALL FROM:	<u></u>
OF:	<u></u>	OF:	<u></u>
PHONE:	<u>724-625-1210</u>	PHONE:	<u></u>
PROJ. NO.:	<u>16-048</u>	PROJ. NAME:	<u>SR0228 Mars RR</u>

---

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**RE:**

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Markosky had left a voicemail with the Adams Township fire department regarding past information on the project area relating to pollution events, dumping activities, etc.





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TELECOM MEMO

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BY:	<u>Jonathan Russick</u>	DATE:	<u>11/27/2017</u>
CALL TO:	<u>Cranberry Township Municipal Building</u>	CALL FROM:	<u></u>
OF:	<u></u>	OF:	<u></u>
PHONE:	<u>724-776-4806</u>	PHONE:	<u></u>
PROJ. NO.:	<u>16-048</u>	PROJ. NAME:	<u>SR0228 Mars RR</u>

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**RE:**

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Markosky had spoken with Kelly Maurer, Traffic Engineer, with the Cranberry Township municipal authority regarding past information on the project area relating to vehicle accidents, pollution events, dumping activities, former gasoline stations, and sewer and water lines.

Ms. Maurer stated that she had been familiar with the township for 25 years. She stated fill material was placed on both north and south sides of Route 228 near the Franklin Road intersection (the western extent of the project area) and formerly the Texaco station (currently Zoresco Equipment) is built on the fill material on the northern side of Route 228. She also relayed that municipal water is available along Franklin Road in that area also.



<http://www.cranberrytownship.org>

Open Records Officer

2525 Rochester Road, Suite 400

Cranberry Township, PA 16066-6499

Phone 724.776.4806 x1103

Fax 724.776.5488

Email [OpenRecords@cranberrytownship.org](mailto:OpenRecords@cranberrytownship.org)

### **Right-To-Know Response Form**

December 5, 2017

Jonathan Russick  
The Markosky Engineering Group  
3689 Route 711  
Ligonier, PA 15658

*Delivered via e-mail: [jrussick@markosky.com](mailto:jrussick@markosky.com)*

**Re: Right-To-Know Request – No Documents Exist - #262542**

Dear Mr. Russick:

Thank you for submitting a request for information pursuant to the Pennsylvania Right-To-Know law with Cranberry Township received in our office on December 1, 2017. A copy of your request is attached for your records.

Your request is denied and/or the Township is not in possession of the requested records.

- ☐ The Township has withheld information that is exempt from disclosure by law. This information is exempt from disclosure as set forth in the attachment.
- ☒ The Township does not have the following documents in its possession, custody or control:
  - *Documents/Records pertaining to the area along Route 228 from Franklin Road to Seven Fields Borough that may be related to pollution events or hazardous substances.*
  - *Documents/Records related to the existence of former gas stations, former or current leaking underground storage tanks, or illegal dumping.*
  - *Documents/Records on water wells, septic systems known within or near the PennDOT right-of-way along Route 228 from Franklin Road to Seven Fields Borough.*

You have a right to appeal this information in writing to:

Erik Arneson, Executive Director  
Office of Open Records  
Commonwealth Keystone Building  
400 North Street, 4<sup>th</sup> Floor  
Harrisburg, PA 17120.  
717-346-9903

If you choose to file an appeal you must do so within 15 business days of the mailing date of this response, as outlined in Section 1101. If you have further questions, feel free to contact me. Please be advised that this correspondence will serve to close this record with our office as permitted by law.

Cordially,

Handwritten signature of Jerry A. Andree in black ink, with the letters "J A Andree" and a stylized "TC" or "TC" mark at the end.

Jerry A. Andree  
Township Manager/ Open Records Officer

Enclosures: Public Record Review/Duplication Request

RECEIVED

DEC 01, 2017

CRANBERRY TOWNSHIP



CRANBERRY  
• TOWNSHIP •

*Inv. 12/8/17*

<http://www.cranberrytownship.org>

Open Records Officer

2525 Rochester Road, Suite 400

Cranberry Township, PA 16066-6499

Phone: 724.776.4806 x1103

Fax: 724.776.5488

Email: [OpenRecords@cranberrytownship.org](mailto:OpenRecords@cranberrytownship.org)

## CRANBERRY TOWNSHIP PUBLIC RECORDS REQUEST

### TO BE COMPLETED BY THE REQUESTER

Please print legibly

Date of Request: 12 / 1 / 17

Requester's Name: Jonathan Russick

Company Name (if applicable): The Markosky Engineering Group

Requester's Address: 3689 Route 711

Requester's Telephone: 724 - 238 - 4138 E-Mail: jrussick@markosky.com

Within five (5) business days of your request to the Open Records Officer, you will receive a response from the Township by phone or e-mail of the availability of the documents requested unless you designate an alternate method for contact.

I am requesting: ☐ Review ☒ Duplication (check applicable boxes) of the following records:

**Important:** You must identify or describe the records with sufficient specificity to enable the Township to determine which records are being requested. (i.e. exact property address, name) Use additional sheets, if necessary. Specify whether you are requesting certified copies of any records.

I'd like to request information along Rt 228 from Franklin Rd to Seven Fields Borough that may be related to pollution events or hazardous substances.

Information such as the existence of former gas stations, former or current leaking underground storage tanks, or illegal dumping. I'd also like to request information on water wells or

septic systems known within or near the PennDOT right of way along that stretch of Route 228. E-documents would be nice to include, but an email of the findings would suffice. Thank you.

#### **\*IMPORTANT NOTICE\***

Forms are **NO LONGER** required for vehicle crash reports or residential property surveys.

Please contact:

[rose.hawk@cranberrytownship.org](mailto:rose.hawk@cranberrytownship.org)

for vehicle crash reports

OR

[nancy.auer@cranberrytownship.org](mailto:nancy.auer@cranberrytownship.org)

for residential property surveys

Method of delivery of document(s) requested:

☐

Pick up

☐

U.S. Mail

☐

Email

☐

Fax

☒

Electronic File (if available)

I certify that I am a legal resident of the United States.

Jonathan Russick

Signature of Requester

This form may be submitted in person, by mail, by e-mail or by facsimile (Attn: Open Records Officer) at the contact information above.

Service Request # 262542

Wed 12/13/2017 10:29 AM

Rose Hawk <Rose.Hawk@cranberrytownship.org>

RE: Environmental Request for vehicular pollution events

To Jonathan Russick

Mr. Russick,

I have been researching the crash data that I have and I haven't been able to locate any that had hazardous materials spilled onto the roadway. The fire company does respond with police to reportable crashes. They maybe able to provide you with some data as to if there was a clean-up of spilled materials.

I only went back to January of 2016. This is the data that I do have:

2017	9 Non Reportable	5 Reportable
2016	13 Non Reportable	6 Reportable

Sorry that I don't have any other information that you are looking for.

**Rose Hawk**

Manager, Police Administration

Police

724-776-5180 x1498 (Fax) 724-776-0237

[CranberryTownship.org](http://CranberryTownship.org)

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**From:** Jonathan Russick [<mailto:jrussick@markosky.com>]

**Sent:** Friday, December 8, 2017 10:52 AM

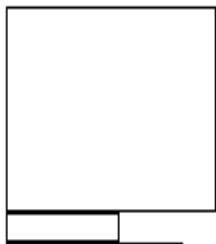
**To:** OpenRecords <[OpenRecords@cranberrytownship.org](mailto:OpenRecords@cranberrytownship.org)>

**Subject:** Environmental Request for vehicular pollution events

Hello,

I'd like to submit a formal environmental request for data on pollution events related to vehicle traffic (accidents, overturns). See the attached form for details.

Thank you and Merry Christmas!



**Jonathan A. Russick, GIT**

Environmental Scientist II

[jrussick@markosky.com](mailto:jrussick@markosky.com)



**The Markosky Engineering Group, Inc.**

3689 Route 711





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TELECOM MEMO

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BY:	<u>Jonathan Russick</u>	DATE:	<u>11/27/2017</u>
CALL TO:	<u>Cranberry Township Fire Department</u>	CALL FROM:	<u></u>
OF:	<u></u>	OF:	<u></u>
PHONE:	<u>724-776-6130</u>	PHONE:	<u></u>
PROJ. NO.:	<u>16-048</u>	PROJ. NAME:	<u>SR0228 Mars RR</u>

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**RE:**

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Markosky had left a voicemail with the Cranberry Township fire department regarding past information on the project area relating to pollution events, dumping activities, etc.



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TELECOM MEMO

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BY:	<u>Jonathan Russick</u>	DATE:	<u>11/27/2017</u>
CALL TO:	<u>Seven Fields borough manager</u>	CALL FROM:	<u></u>
OF:	<u></u>	OF:	<u></u>
PHONE:	<u>724-776-3090</u>	PHONE:	<u></u>
PROJ. NO.:	<u>16-048</u>	PROJ. NAME:	<u>SR0228 Mars RR</u>

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**RE:**

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Markosky had emailed the Seven Fields borough manager by recommendation of the borough secretary regarding past information on the project area relating to vehicle accidents, tractor trailer spills, pollution events, dumping activities, former gasoline stations, leaking underground storage tanks, and the presence of water wells or septic systems near Route 228.

11/28/17 Tom Smith, the borough manager, stated that the borough was unaware of any issues.


Tue 11/28/2017 2:09 PM

boroughmanager@sevenfields.org

RE: Route 228 Environmental Request

To Jonathan Russick

Cc 'Joe McCombs'; 'John Balewski'

 You replied to this message on 11/28/2017 2:21 PM.

Hello Jonathan,

We are unaware of anything.

Regards.

Tom

---

**From:** Jonathan Russick [<mailto:jrussick@markosky.com>]

**Sent:** Monday, November 27, 2017 3:44 PM

**To:** [boroughmanager@sevenfields.org](mailto:boroughmanager@sevenfields.org)

**Subject:** Route 228 Environmental Request

Hi Mr. Smith,

We are performing the environmental portion of the SR 0228 widening project for PennDOT and we are looking for any information you may have along the Route 228 corridor in your borough. If applicable, I'm looking into information such as major car accidents that may have leaked petroleum products onto the roadway, tractor trailer spills, illegal dumping of solid waste or hazardous substances, the presence of leaking underground storage tanks, or former or razed gasoline stations. We'll also accept any incidences that I may not have included that you may want to have brought to attention. I'd also like to check with you for the presence of water wells or known septic systems in the area or near the PennDOT right of way. If none, are municipal water and sewer available in the area?

Any information you may be able to provide would be very helpful in completion of our report. We are also checking with Cranberry and Adams townships, fire departments, and police stations for information. Feel free to ask any questions you may have in regards to my request.

Thank you!

Jonathan Russick, GIT  
Environmental Scientist II  
[jrussick@markosky.com](mailto:jrussick@markosky.com)

Amateur photographers will have more opportunities to show off their talent and win cash in the Butler County Tourism & Convention Bureau Photo Contest. The competition's new format allows for entries throughout the year and includes monthly themes, a digital format, public voting and more winners. "The contest is now entirely online," Butler County Tourism and Convention Bureau director Jack Cohen said in a

caged, leashed or bowled, as appropriate. The service will take place in the Outdoor Chapel of the church at 1501 W. Ingomar Road. For more information, go to [www.ingomarchurch.org](http://www.ingomarchurch.org) or call the church office at 412-364-3613. It's all free but registration is requested. Log on to [www.ingomarchurch.org](http://www.ingomarchurch.org) and clicking on the Pet Blessing screen on the homepage.

New Orleans and grew up in Los Angeles. "And I have more than I deserve. I am so blessed." She also believes you don't do for others expecting recognition. "In my life, everything has been returned to me threefold,"

comes no matter what. Because of her dedication to others, Talk Magazine recently named Ms. Markus one of Pittsburgh's Minority Achievement Award winners. Ms. Markus was raised by her

During her career in the Navy, she was certified to conduct safety checks and release aircraft for flight. She also worked as a jet engine mechanic, among other things. "It's funny, I would get home

next" list. "I love to learn," said Ms. Markus. "If you stop learning, you're dead." Rachael Conway: [rconway@post-gazette.com](mailto:rconway@post-gazette.com) or 724-772-4799.

## THE NORTH

### NORTH BUREAU

210 Twickenham Drive,  
Cranberry, Pa. 15008

#### Rachael Conway

Staff writer  
724-772-4799  
[rconway@post-gazette.com](mailto:rconway@post-gazette.com)

#### Karen Kane

Butler County staff writer  
724-772-9180  
[kane@post-gazette.com](mailto:kane@post-gazette.com)

### PITTSBURGH OFFICE

34 Blvd. of the Allies,  
Pittsburgh, Pa. 15222

#### Ton Wilems

Assistant managing editor  
412-263-3065

[tardson@post-gazette.com](mailto:tardson@post-gazette.com)

■ Virginia Kopas Joe  
Suburban editor  
412-263-1414  
[vjoe@post-gazette.com](mailto:vjoe@post-gazette.com)

■ Patricia D. Peters  
North editor  
412-263-3873  
[pdeters@post-gazette.com](mailto:pdeters@post-gazette.com)

■ Terry Shields  
Assistant sports editor  
412-263-1989  
[tschields@post-gazette.com](mailto:tschields@post-gazette.com)

■ Tom Messina  
Babcock Blvd., Ross, West  
View, North Boro, Milvale  
412-263-3524

■ Tom Messina  
Babcock Blvd., Ross, West  
View, North Boro, Milvale  
412-263-1289

■ Marlene Heslin  
Allegheny Valley, Broomfield,  
Roxie 28, Casa, Shoptown,  
Fox Chapel, New Kensington  
412-263-1859

■ Marlene Heslin  
Allegheny Valley, Broomfield,  
Roxie 28, Casa, Shoptown,  
Fox Chapel, New Kensington  
412-263-1859

■ Marlene Heslin  
Allegheny Valley, Broomfield,  
Roxie 28, Casa, Shoptown,  
Fox Chapel, New Kensington  
412-263-1859

■ Marlene Heslin  
Allegheny Valley, Broomfield,  
Roxie 28, Casa, Shoptown,  
Fox Chapel, New Kensington  
412-263-1859

■ Marlene Heslin  
Allegheny Valley, Broomfield,  
Roxie 28, Casa, Shoptown,  
Fox Chapel, New Kensington  
412-263-1859

■ Pittsburgh fax: 412-263-1877 ■ Bureau fax: 724-772-8220  
For North news online, visit: [post-gazette.com/north](http://post-gazette.com/north)

## CORRECTIONS

**Back to School:** The roll call of back to school information in last week's North Xtra should have included three more faculty members added to the staff of St. Sebastian School in Ross.

They are Gloria Cortese, teaching preschool; Jacqueline Yakich, kindergarten; and Joseph Ryan, third grade.

**Back to School:** St. Mary School in Hampton was omitted from the roundup of back to school information. The school started classes Monday with an estimated enrollment of 277. The school has a new science lab this year and has hired a new music teacher.

**Student News:** Emily Devor was omitted from a list of Pine-Richland High School students who were accepted into the Summer Health Career Academy at the University of Pittsburgh, and Johnathan Marks was incorrectly identified as the

### Adams Church buys property

Discovery Christian Church, a nondenominational church now meeting at the Regional Learning Alliance in Cranberry Woods, closed on 22 acres on Route 228 in Adams last Thursday. The property, known as the Hespeneide Farm, is adjacent to Myoma Road and abuts the Cranberry business district.

In a news release, a spokeswoman for the church said plans are for a 1,000-seat auditorium equipped with state of the art lighting, sound and video projection capabilities. There also will be classrooms and office space, a youth complex, a coffee shop, a resource center, a preschool and sports facilities. It will include a gymnasium and softball and soccer fields.

According to the release, the sales agreement for the \$4 million property will allow the church to spread out much of its costs over 10 years. The church plans to renovate a farmhouse on site and occupy it this fall as temporary offices for staff and pastors.

### Regional tax collector hired

The Allegheny North Tax Collection District has appointed

Keystone Collections Group as Earned Income Tax collector, effective Jan. 1, 2012, according to a news release from McCandless Aug. 25.

In a law passed in 2008, the state Legislature called for collection of this tax to be consolidated into countywide and regional collection districts. As of Jan. 1, 2012, all employers will be required to withhold employees earned income taxes.

The Allegheny North collection district includes all school districts and municipalities north of the Allegheny and Ohio rivers.

Keystone Collections Group is in Irwin.

### Butler elections head named

Butler County Commissioners have appointed Shari Brewer as director of elections to replace Regis Young, who retired Aug. 27 after 22 years of service.

Ms. Brewer's appointment was effective Monday. A resident of Fairview, she became registrar in the elections office in March 2007. She previously worked in the county's domestic relations office from August 1998.

Mr. Young joined the county in November 1985 as deputy

register of wills. He started work in the bureau of elections in February 1988.

—Karen Kane

### Allegheny Valley talks stalled

School began this week for students in the Allegheny Valley School District, but the threat of a teacher strike loomed as statements from the two sides indicated they are still far apart on a contract agreement.

Ninety-four teachers have been working without a contract since July 2009.

The school board submitted a written counterproposal last week to an Aug. 16 union proposal. While details of that new district proposal were not made public, the two sides issued statements that disagreed on the financial implications of the latest teachers' proposal.

Union president Jennifer Novich, in a statement over the weekend, said board president Scott Redman's counterproposal was regressive and is only dividing the parties farther apart.

No further negotiations are scheduled. Teachers voted to strike in June, but the union is required by state law to give the

district 48 hours notice before a work stoppage.

—Debra Duncan

### Hampton outlines goals

Council approved its goals and objectives for Hampton's 2011 budget at its meeting Aug. 25.

President Victor Son outlined seven objectives, including maintaining the millage rate of 2.5045, renegotiating a labor agreement with township personnel, evaluating the township's financial accounting software, improvement traffic flow at the Route 8—Duncan Avenue intersection, continuing discussions with Shaler about a possible merger of water authorities, developing of an event to celebrate the township's sesquicentennial, and implementing a new income tax collection system.

Also during the meeting, council approved advertising a new ordinance that would require requiring residents to keep fire hydrants visible and free of foliage. Recently, council received several pictures of bushes obscuring fire hydrants.

—Jill Cuerni Cohen

## NORTHSCAPE

Perry Highway, will be host to Lee Strobel, author and former atheist, at 5 p.m. Sept. 11 and 9 and 11 a.m. Sept. 12. There will also be a videocast at North Way Oakland, 120 McKee Place, at 9 and 11 a.m. and 5 and 7 p.m. Sept. 12.

**Pine** — New Community Church, 2102 Woodford Road, will

for a nominal fee. Call to make arrangements. Cost: \$30 for adults; \$15 per child ages 5 to 12. Registration: 724-935-0909 or [www.ncdnwexford.org](http://www.ncdnwexford.org).

### FESTIVALS

**Winfield** — St. Joseph Catholic Church, 315 Stoney Hollow Road, Cabot, will hold its annual

Assumption Church, 2510 Middle Road, will host a super bingo Sept. 10. Doors will open at 5:30 p.m. Bingo starts at 7 p.m. Proceeds will benefit the school. Tickets: \$35, advance; \$40 at the door. Information: 412-386-6622.

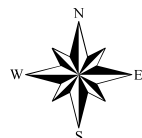
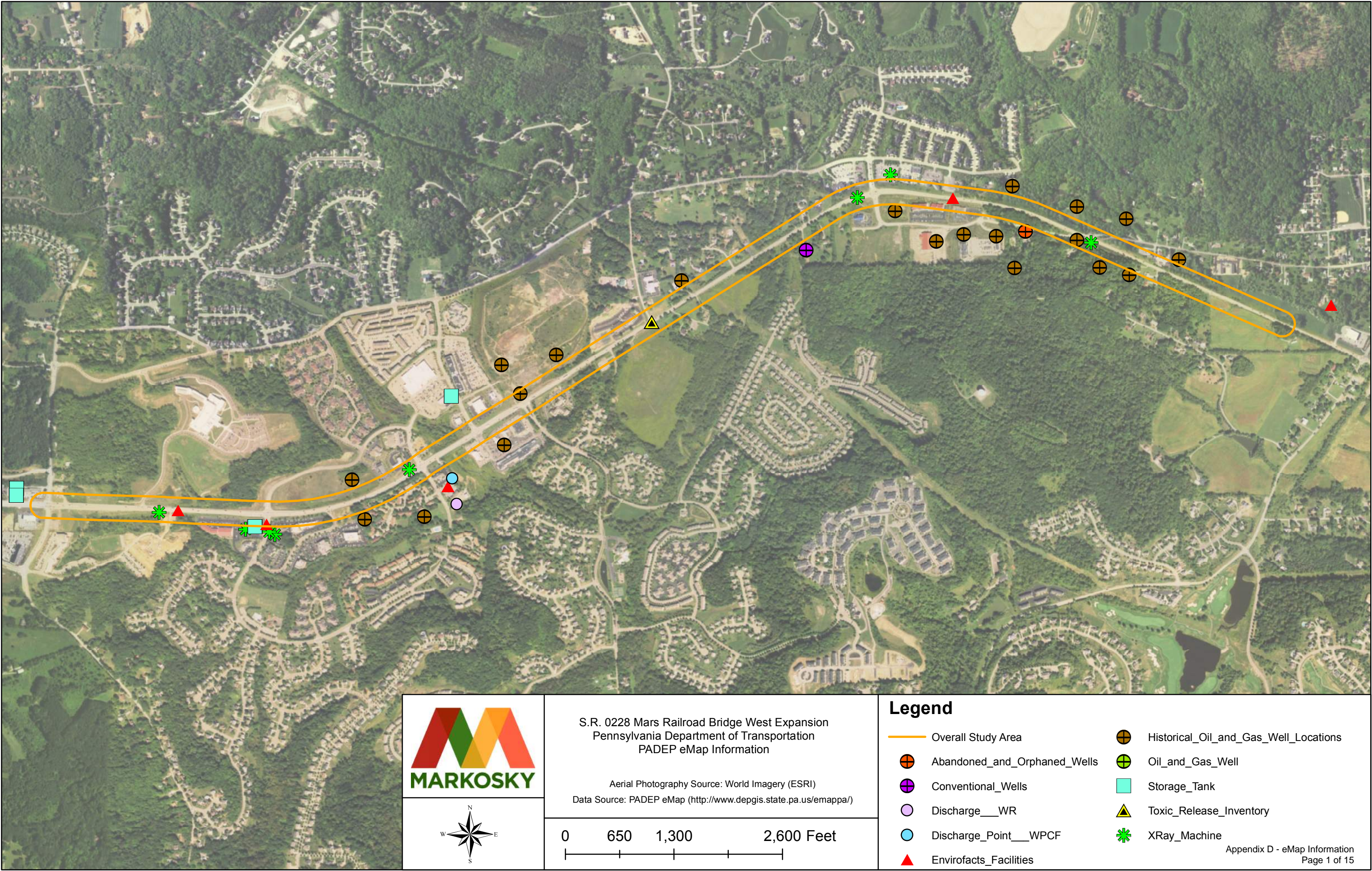
**Pine** — A Taste of Pine will be held from 8 to 9 p.m. Sept. 22 at



## **Appendix D**

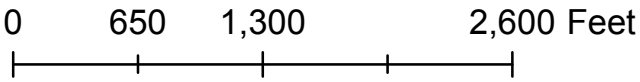
### **State and Federal Review Results**





S.R. 0228 Mars Railroad Bridge West Expansion  
Pennsylvania Department of Transportation  
PADEP eMap Information

Aerial Photography Source: World Imagery (ESRI)  
Data Source: PADEP eMap (<http://www.dep.state.pa.us/emappa/>)



Legend

- |                              |                                       |
|------------------------------|---------------------------------------|
| Overall Study Area           | Historical_Oil_and_Gas_Well_Locations |
| Abandoned_and_Orphaned_Wells | Oil_and_Gas_Well                      |
| Conventional_Wells           | Storage_Tank                          |
| Discharge___WR               | Toxic_Release_Inventory               |
| Discharge_Point___WPCF       | XRay_Machine                          |
| Envirofacts_Facilities       |                                       |



**XRay\_Machine**

<b>ORGANIZATI</b>	FINN CHIRO INC	AFFINITY FAMILY CHIRO LLC	THOMAS A HART DMD PC	ADVANCED IMAGING
<b>CLIENT_NAM</b>	FINN CHIRO INC	AFFINITY FAMILY CHIRO LLC	THOMAS A HART DMD PC	ADVANCED IMAGING
<b>SITE_NAME</b>	FINN CHIRO	AFFINITY FAMILY CHIRO LLC	THOMAS A HART DMD PC DENTAL OFC	ADVANCED IMAGING
<b>PRIMARY_FA</b>	FINN CHIRO INC	AFFINITY FAMILY CHIRO LLC	HART THOMAS A DMD PC	ADVANCED IMAGING
<b>CLIENT_ID</b>	236886	250059	254450	210649
<b>SITE_ID</b>	647034	675909	685512	618157
<b>PRIMARY__1</b>	661460	683230	690468	638932
<b>SUB_FACILI</b>	FINN CHIRO INC	AFFINITY FAMILY CHIRO LLC	HART THOMAS A DMD PC	ADVANCED IMAGING
<b>SUB_FACI_1</b>	840404	926864	939944	773769
<b>PRIMARY__2</b>	RADIATION FACILITY	RADIATION FACILITY	RADIATION FACILITY	RADIATION FACILITY
<b>PRIMARY__3</b>	CHIROPRACTOR	CHIROPRACTOR	DENTIST	CLINIC
<b>OTHER_FACI</b>	05-37821	05-37925	01-16350	20-48698
<b>SUB_FACI_2</b>	XRAY MACHINE	XRAY MACHINE	XRAY MACHINE	XRAY MACHINE
<b>SOTHER_FID</b>	05-37821	05-37925	01-16350	20-48698
<b>CLIENT_REL</b>	Owner	Owner	Owner	Owner
<b>SITE_STATU</b>	ACTIVE	INACTIVE	INACTIVE	INACTIVE
<b>PRIMARY__4</b>	ACTIVE	INACTIVE	INACTIVE	INACTIVE
<b>SUB_FACI_3</b>	ACTIVE	INACTIVE	INACTIVE	INACTIVE
<b>COMPLIANCE</b>	YES	YES	YES	YES

**HIGHLIGHTING INDICATES WITHIN OR CONTIGUOUS TO STUDY AREA**

**XRay\_Machine (continued)**

<b>ORGANIZATI</b>	Unavailable	ADAMS RIDGE CHIRO LLC	TRI STATE ORTHOPEDIC LTD	MEDEXPRESS URGENT CARE LLC
<b>CLIENT_NAM</b>	HAWRANKO BOBBIE LEE	ADAMS RIDGE CHIRO LLC	TRI STATE ORTHOPEDIC LTD	MEDEXPRESS URGENT CARE LLC
<b>SITE_NAME</b>	BOBBIE LEE HAWRANKO DENTAL OFC	ADAMS RIDGE CHIRO LLC	TRI STATE ORTHOPAEDICS OFC	MEDEXPRESS URGENT CARE LLC
<b>PRIMARY_FA</b>	BOBBIE LEE HAWRANKO	ADAMS RIDGE CHIRO LLC	TRI STATE ORTHOPAEDICS	MEDEXPRESS URGENT CARE LLC
<b>CLIENT_ID</b>	122430	266077	119893	253951
<b>SITE_ID</b>	499676	709676	478733	684330
<b>PRIMARY__1</b>	524521	709611	507892	689537
<b>SUB_FACILI</b>	BOBBIE LEE HAWRANKO	ADAMS RIDGE CHIRO LLC	TRI STATE ORTHOPAEDICS	MEDEXPRESS URGENT CARE LLC
<b>SUB_FACI_1</b>	407557	974333	386565	938214
<b>PRIMARY__2</b>	RADIATION FACILITY	RADIATION FACILITY	RADIATION FACILITY	RADIATION FACILITY
<b>PRIMARY__3</b>	DENTIST	CHIROPRACTOR	MEDICAL DOCTOR	CLINIC
<b>OTHER_FACI</b>	01-15313	05-38000	02-40392	20-48922
<b>SUB_FACI_2</b>	XRAY MACHINE	XRAY MACHINE	XRAY MACHINE	XRAY MACHINE
<b>SOTHER_FID</b>	01-15313	05-38000	02-40392	20-48922
<b>CLIENT_REL</b>	Owner	Owner	Owner	Owner
<b>SITE_STATU</b>	INACTIVE	INACTIVE	ACTIVE	INACTIVE
<b>PRIMARY__4</b>	INACTIVE	INACTIVE	ACTIVE	INACTIVE
<b>SUB_FACI_3</b>	INACTIVE	INACTIVE	ACTIVE	INACTIVE
<b>COMPLIANCE</b>	YES	YES	YES	YES

**HIGHLIGHTING INDICATES WITHIN OR CONTIGUOUS TO STUDY AREA**



Incorrectly identified on eMap, actually located to the east of Franklin Road.

Storage\_Tank

ORGANIZATI	GIANT EAGLE INC	CW GRABENSTEIN	7 ELEVEN INC
CLIENT_NAM	GIANT EAGLE INC	CW GRABENSTEIN	7 ELEVEN INC
SITE_NAME	GETGO 3668	GRABENSTEIN TEXACO	7 ELEVEN 36148
PRIMARY_FA	GETGO 3668	GRABENSTEIN TEXACO	7 ELEVEN 36148
CLIENT_ID	125094	191127	142881
SITE_ID	654839	567811	567999
PRIMARY__1	667305	584107	584384
SUB_FACILI	001	002	001
SUB_FACI_1	894387	614480	615364
PRIMARY__2	STORAGE TANK LOCATION	STORAGE TANK LOCATION	STORAGE TANK LOCATION
PRIMARY__3	MOTOR FUEL FOR SALE	MOTOR FUEL FOR SALE	MOTOR FUEL FOR SALE
OTHER_FACI	10-39091	10-31661	10-91599
SUB_FACI_2	STORAGE TANK	STORAGE TANK	STORAGE TANK
SOTHER_FID	894387	12854	154914
CLIENT_REL	Owner	Owner	Owner
SITE_STATU	ACTIVE	ACTIVE	ACTIVE
PRIMARY__4	ACTIVE	ACTIVE	ACTIVE
SUB_FACI_3	CURRENTLY IN USE	TEMPORARILY OUT OF USE	CURRENTLY IN USE
COMPLIANCE	YES	YES	YES

#### Storage\_Tank (continued)

ORGANIZATI	CW GRABENSTEIN	7 ELEVEN INC	7 ELEVEN INC
CLIENT_NAM	CW GRABENSTEIN	7 ELEVEN INC	7 ELEVEN INC
SITE_NAME	GRABENSTEIN TEXACO	7 ELEVEN 36148	7 ELEVEN 36148
PRIMARY_FA	GRABENSTEIN TEXACO	7 ELEVEN 36148	7 ELEVEN 36148
CLIENT_ID	191127	142881	142881
SITE_ID	567811	567999	567999
PRIMARY__1	584107	584384	584384
SUB_FACILI	001	002	003
SUB_FACI_1	614479	615365	615366
PRIMARY__2	STORAGE TANK LOCATION	STORAGE TANK LOCATION	STORAGE TANK LOCATION
PRIMARY__3	MOTOR FUEL FOR SALE	MOTOR FUEL FOR SALE	MOTOR FUEL FOR SALE
OTHER_FACI	10-31661	10-91599	10-91599
SUB_FACI_2	STORAGE TANK	STORAGE TANK	STORAGE TANK
SOTHER_FID	12853	154915	154916
CLIENT_REL	Owner	Owner	Owner
SITE_STATU	ACTIVE	ACTIVE	ACTIVE
PRIMARY__4	ACTIVE	ACTIVE	ACTIVE
SUB_FACI_3	TEMPORARILY OUT OF USE	PERMANENTLY CLOSED IN PLACE	CURRENTLY IN USE
COMPLIANCE	YES	YES	YES

Incorrectly identified on eMap, actually located to the east of Franklin Road.

HIGHLIGHTING INDICATES WITHIN OR CONTIGUOUS TO STUDY AREA

Incorrectly identified on eMap, actually located to the east of Franklin Road.

## Storage\_Tank (continued)

ORGANIZATI	CW GRABENSTEIN	7 ELEVEN INC	SUNOCO RETAIL LLC
CLIENT_NAM	CW GRABENSTEIN	7 ELEVEN INC	SUNOCO RETAIL LLC
SITE_NAME	GRABENSTEIN TEXACO	7 ELEVEN 36148	SUNOCO 0323 6783
PRIMARY_FA	GRABENSTEIN TEXACO	7 ELEVEN 36148	SUNOCO 0323 6783
CLIENT_ID	191127	142881	327054
SITE_ID	567811	567999	567837
PRIMARY__1	584107	584384	584142
SUB_FACILI	003	004	002
SUB_FACI_1	614481	1093503	1143477
PRIMARY__2	STORAGE TANK LOCATION	STORAGE TANK LOCATION	STORAGE TANK LOCATION
PRIMARY__3	MOTOR FUEL FOR SALE	MOTOR FUEL FOR SALE	MOTOR FUEL FOR SALE
OTHER_FACI	10-31661	10-91599	10-37084
SUB_FACI_2	STORAGE TANK	STORAGE TANK	STORAGE TANK
SOTHER_FID	12855	1093503	1143477
CLIENT_REL	Owner	Owner	Owner
SITE_STATU	ACTIVE	ACTIVE	ACTIVE
PRIMARY__4	ACTIVE	ACTIVE	ACTIVE
SUB_FACI_3	TEMPORARILY OUT OF USE	CURRENTLY IN USE	CURRENTLY IN USE
COMPLIANCE	YES	YES	YES

## Storage\_Tank (continued)

ORGANIZATI	SUNOCO RETAIL LLC	SUNOCO RETAIL LLC	SUNOCO RETAIL LLC
CLIENT_NAM	SUNOCO RETAIL LLC	SUNOCO RETAIL LLC	SUNOCO RETAIL LLC
SITE_NAME	SUNOCO 0323 6783	SUNOCO 0323 6783	SUNOCO 0323 6783
PRIMARY_FA	SUNOCO 0323 6783	SUNOCO 0323 6783	SUNOCO 0323 6783
CLIENT_ID	327054	327054	327054
SITE_ID	567837	567837	567837
PRIMARY__1	584142	584142	584142
SUB_FACILI	003	004A	001A
SUB_FACI_1	1143478	614612	614609
PRIMARY__2	STORAGE TANK LOCATION	STORAGE TANK LOCATION	STORAGE TANK LOCATION
PRIMARY__3	MOTOR FUEL FOR SALE	MOTOR FUEL FOR SALE	MOTOR FUEL FOR SALE
OTHER_FACI	10-37084	10-37084	10-37084
SUB_FACI_2	STORAGE TANK	STORAGE TANK	STORAGE TANK
SOTHER_FID	1143478	154075	139516
CLIENT_REL	Owner	Owner	Owner
SITE_STATU	ACTIVE	ACTIVE	ACTIVE
PRIMARY__4	ACTIVE	ACTIVE	ACTIVE
SUB_FACI_3	CURRENTLY IN USE	REMOVED	REMOVED
COMPLIANCE	YES	YES	YES

**HIGHLIGHTING INDICATES WITHIN OR CONTIGUOUS TO STUDY AREA**

**Storage\_Tank (continued)**

<b>ORGANIZATI</b>	SUNOCO RETAIL LLC	SUNOCO RETAIL LLC	SUNOCO RETAIL LLC
<b>CLIENT_NAM</b>	SUNOCO RETAIL LLC	SUNOCO RETAIL LLC	SUNOCO RETAIL LLC
<b>SITE_NAME</b>	SUNOCO 0323 6783	SUNOCO 0323 6783	SUNOCO 0323 6783
<b>PRIMARY_FA</b>	SUNOCO 0323 6783	SUNOCO 0323 6783	SUNOCO 0323 6783
<b>CLIENT_ID</b>	327054	327054	327054
<b>SITE_ID</b>	567837	567837	567837
<b>PRIMARY__1</b>	584142	584142	584142
<b>SUB_FACILI</b>	001	003A	002A
<b>SUB_FACI_1</b>	1143476	614611	614610
<b>PRIMARY__2</b>	STORAGE TANK LOCATION	STORAGE TANK LOCATION	STORAGE TANK LOCATION
<b>PRIMARY__3</b>	MOTOR FUEL FOR SALE	MOTOR FUEL FOR SALE	MOTOR FUEL FOR SALE
<b>OTHER_FACI</b>	10-37084	10-37084	10-37084
<b>SUB_FACI_2</b>	STORAGE TANK	STORAGE TANK	STORAGE TANK
<b>SOTHER_FID</b>	1143476	139518	139517
<b>CLIENT_REL</b>	Owner	Owner	Owner
<b>SITE_STATU</b>	ACTIVE	ACTIVE	ACTIVE
<b>PRIMARY__4</b>	ACTIVE	ACTIVE	ACTIVE
<b>SUB_FACI_3</b>	CURRENTLY IN USE	REMOVED	REMOVED
<b>COMPLIANCE</b>	YES	YES	YES

**Storage\_Tank (continued)**

<b>ORGANIZATI</b>	GIANT EAGLE INC	GIANT EAGLE INC
<b>CLIENT_NAM</b>	GIANT EAGLE INC	GIANT EAGLE INC
<b>SITE_NAME</b>	GETGO 3668	GETGO 3668
<b>PRIMARY_FA</b>	GETGO 3668	GETGO 3668
<b>CLIENT_ID</b>	125094	125094
<b>SITE_ID</b>	654839	654839
<b>PRIMARY__1</b>	667305	667305
<b>SUB_FACILI</b>	002	003
<b>SUB_FACI_1</b>	894388	894389
<b>PRIMARY__2</b>	STORAGE TANK LOCATION	STORAGE TANK LOCATION
<b>PRIMARY__3</b>	MOTOR FUEL FOR SALE	MOTOR FUEL FOR SALE
<b>OTHER_FACI</b>	10-39091	10-39091
<b>SUB_FACI_2</b>	STORAGE TANK	STORAGE TANK
<b>SOTHER_FID</b>	894388	894389
<b>CLIENT_REL</b>	Owner	Owner
<b>SITE_STATU</b>	ACTIVE	ACTIVE
<b>PRIMARY__4</b>	ACTIVE	ACTIVE
<b>SUB_FACI_3</b>	CURRENTLY IN USE	CURRENTLY IN USE
<b>COMPLIANCE</b>	YES	YES

**HIGHLIGHTING INDICATES WITHIN OR CONTIGUOUS TO STUDY AREA**

**Discharge\_Point\_\_WPCF**

<b>ORGANIZATI</b>	SEVEN FIELDS BORO BUTLER CNTY
<b>CLIENT_NAM</b>	SEVEN FIELDS BORO BUTLER CNTY
<b>SITE_NAME</b>	SEVEN FIELDS BORO BUTLER CNTY
<b>PRIMARY_FA</b>	SEVEN FIELDS BORO, BUTLER CNTY MS4
<b>CLIENT_ID</b>	113313
<b>SITE_ID</b>	613881
<b>PRIMARY__1</b>	635893
<b>SUB_FACILI</b>	TRIB TO KAUFMAN RUN OUTFALLS
<b>SUB_FACI_1</b>	768409
<b>PRIMARY__2</b>	WATER POLLUTION CONTROL FACILITY
<b>PRIMARY__3</b>	STORMWATER-MUNICIPAL
<b>OTHER_FACI</b>	PAG138325
<b>SUB_FACI_2</b>	DISCHARGE POINT
<b>SOTHER_FID</b>	001
<b>CLIENT_REL</b>	Owner
<b>SITE_STATU</b>	ACTIVE
<b>PRIMARY__4</b>	ACTIVE
<b>SUB_FACI_3</b>	ACTIVE
<b>COMPLIANCE</b>	YES

**Discharge\_WR**

<b>ORGANIZATI</b>	CRANBERRY TWP MUNI SEW & WATER AUTH BUTLER CNTY
<b>CLIENT_NAM</b>	CRANBERRY TWP MUNI SEW & WATER AUTH BUTLER CNTY
<b>SITE_NAME</b>	CRANBERRY TWP BUTLER CNTY
<b>PRIMARY_FA</b>	CRANBERRT TWP MUNI SEVEN FIELD SEW
<b>CLIENT_ID</b>	4591
<b>SITE_ID</b>	261974
<b>PRIMARY__1</b>	542495
<b>SUB_FACILI</b>	CRANBERRY TWP MUNI SEVEN FIELD SEW
<b>SUB_FACI_1</b>	427146
<b>PRIMARY__2</b>	WATER RESOURCE
<b>PRIMARY__3</b>	SEWAGE TREATMENT
<b>OTHER_FACI</b>	603411-002
<b>SUB_FACI_2</b>	DISCHARGE
<b>SOTHER_FID</b>	603411-002
<b>CLIENT_REL</b>	Owner
<b>SITE_STATU</b>	ACTIVE
<b>PRIMARY__4</b>	ACTIVE
<b>SUB_FACI_3</b>	ACTIVE
<b>COMPLIANCE</b>	YES



**Oil\_and\_Gas\_Well**

ORG_NAME	UNKNOWN OPR	Unavailable
CLIENT_NAM	UNKNOWN OPR	PEARCE CARL
SITE_NAME	108 SCHARBERRY LANE 1 OG WELL	PEARCE 1 OG WELL
PRIM_FNAME	108 SCHARBERRY LANE 1	PEARCE 1
CLIENT_ID	40263	41616
SITE_ID	777883	14446
PRIM_FID	770131	16197
SUB_FNAME	108 SCHARBERRY LANE 1	PEARCE 1
SUB_FID	1118909	29727
PRIM_FTYPE	Oil & Gas Location	Oil & Gas Location
PRIM_FKIND	NonCoal	NonCoal
OTHER_ID	019-22165	019-01082
SUB_FTYPE	Well	Well
SF_OTHER_I	019-22165	019-01082
CLIENT_REL	Owner	Owner
SITE_STATU	Abandoned	Inactive
PF_STAT	DEP Abandoned List	DEP Plugged
SF_STATUS	524	522
COMPLIANCE	YES	YES

**Abandoned\_and\_Orphaned\_Wells**

PERMIT_NUM	019-22165
WELL_NAME	108 SCHARBERRY LANE 1
OPERATOR	UNKNOWN OPR
OPERATOR_N	OGO-99999
WELL_TYPE	COMB. OIL&GAS
WELL_STATU	DEP Abandoned List
WELL_CONFI	Undetermined
SITE_ID	777883
SITE_NAME	108 SCHARBERRY LANE 1 OG WELL

**Conventional\_Wells**

PERMIT_NUM	019-01082	019-22165
WELL_NAME	PEARCE 1	108 SCHARBERRY LANE 1
OPERATOR	PEARCE CARL	UNKNOWN OPR
OPERATOR_N	OGO-48610	OGO-99999
WELL_TYPE	UNDETERMINED	COMB. OIL&GAS
WELL_STATU	DEP Plugged	DEP Abandoned List
SITE_ID	14446	777883
SITE_NAME	PEARCE 1 OG WELL	108 SCHARBERRY LANE 1 OG WELL

**HIGHLIGHTING INDICATES WITHIN OR CONTIGUOUS TO STUDY AREA**

**Historical\_Oil\_and\_Gas\_Well\_Loc**

<b>ID</b>	12143	12145	12150	12273	12268	12102	12266
<b>MAP_ID</b>	WPA12167	WPA12169	WPA12174	WPA12297	WPA12292	WPA12126	WPA12290
<b>TYPE</b>	Oil Well	Oil Well	Dry Hole	Oil Well	Oil Well	Oil Well	Dry Hole
<b>LONGITUDE</b>	-80.055330	-80.055540	-80.047860	-80.034310	-80.028720	-80.061860	-80.038700
<b>LATITUDE</b>	40.687810	40.690440	40.693370	40.695090	40.695780	40.686540	40.695840
<b>MAPNAME</b>	WPA Sewickley 3 Upper Freeport.tif						
<b>COUNTY_NAM</b>	Butler	Butler	Butler	Butler	Butler	Butler	Butler
<b>MUNICIPALI</b>	ADAMS, TWP	ADAMS, TWP	ADAMS, TWP	ADAMS, TWP	ADAMS, TWP	SEVEN FIELDS, BORO	ADAMS, TWP
<b>PASDA_LINK</b>	ftp://data1.common.psu.edu/pub/minemaps/Map_Repository/Other_Collections/WPA_Maps/						

**Historical\_Oil\_and\_Gas\_Well\_Loc (continued)**

<b>ID</b>	12274	12278	12271	12260	12267	12276	12138
<b>MAP_ID</b>	WPA12298	WPA12302	WPA12295	WPA12284	WPA12291	WPA12300	WPA12162
<b>TYPE</b>	Oil Well	Oil Well	Oil Well	Oil Well	Oil Well	Dry Hole	Oil Well
<b>LONGITUDE</b>	-80.033480	-80.028530	-80.036890	-80.033670	-80.030860	-80.029810	-80.058690
<b>LATITUDE</b>	40.694070	40.693940	40.694880	40.696760	40.696140	40.694160	40.685380
<b>MAPNAME</b>	WPA Sewickley 3 Upper Freeport.tif						
<b>COUNTY_NAM</b>	Butler	Butler	Butler	Butler	Butler	Butler	Butler
<b>MUNICIPALI</b>	ADAMS, TWP	ADAMS, TWP	ADAMS, TWP	ADAMS, TWP	ADAMS, TWP	ADAMS, TWP	SEVEN FIELDS, BORO
<b>PASDA_LINK</b>	ftp://data1.common.psu.edu/pub/minemaps/Map_Repository/Other_Collections/WPA_Maps/						

**Historical\_Oil\_and\_Gas\_Well\_Loc (continued)**

<b>ID</b>	12277	12103	12146	12147	12275	12272
<b>MAP_ID</b>	WPA12301	WPA12127	WPA12170	WPA12171	WPA12299	WPA12296
<b>TYPE</b>	Oil Well	Oil Well	Oil Well	Oil Well	Oil Well	Oil Well
<b>LONGITUDE</b>	-80.026410	-80.061260	-80.054690	-80.053180	-80.030820	-80.035720
<b>LATITUDE</b>	40.694480	40.685250	40.689520	40.690820	40.695030	40.695130
<b>MAPNAME</b>	WPA Sewickley 3 Upper Freeport.tif					
<b>COUNTY_NAM</b>	Butler	Butler	Butler	Butler	Butler	Butler
<b>MUNICIPALI</b>	ADAMS, TWP	SEVEN FIELDS, BORO	ADAMS, TWP	ADAMS, TWP	ADAMS, TWP	ADAMS, TWP
<b>PASDA_LINK</b>	ftp://data1.common.psu.edu/pub/minemaps/Map_Repository/Other_Collections/WPA_Maps/					

**HIGHLIGHTING INDICATES WITHIN OR CONTIGUOUS TO STUDY AREA**

## Envirofacts\_Facilities

REG_ID	110006538121	110000965750	110010245797
FAC_NAME	SUNOCO 0323 6783	SEVEN FIELDS BORO BUTLER CNTY	MARS BORO WTP
LOC_ADD	675 CASTLE CREEK DR	2200 GARDEN DRIVE	SPRING AVE
LOC_CITY	SEVEN FIELDS	MARS	MARS
LOC_COUNTY	BUTLER	BUTLER	BUTLER
LOC_STATE	PA	PA	PA
LOC_ZIP	16046	16046-7869	16046-0395
REF_NAME	CENTER OF A FACILITY OR STATION	CENTER OF A FACILITY OR STATION	PLANT ENTRANCE (GENERAL)
HUC8	05030105	05030105	05030105
FAC_URL	<a href="http://oaspub.epa.gov/enviro/fac_gateway.main?p_regid=110006538121">http://oaspub.epa.gov/enviro/fac_gateway.main?p_regid=110006538121</a>	<a href="http://oaspub.epa.gov/enviro/fac_gateway.main?p_regid=110000965750">http://oaspub.epa.gov/enviro/fac_gateway.main?p_regid=110000965750</a>	<a href="http://oaspub.epa.gov/enviro/fac_gateway.main?p_regid=110010245797">http://oaspub.epa.gov/enviro/fac_gateway.main?p_regid=110010245797</a>

## Envirofacts\_Facilities (continued)

REG_ID	110032617345	110001096616	110055638519
FAC_NAME	7 ELEVEN 171	JOHNSTON HOUSE RESTAURANT	SEVEN FIELDS BORO, BUTLER CNTY MS4
LOC_ADD	1559 ROUTE 228	907 ROUTE 228	2200 GARDEN DR STE 100
LOC_CITY	CRANBERRY TOWNSHIP	MARS	SEVEN FIELDS
LOC_COUNTY	BUTLER	BUTLER	BUTLER
LOC_STATE	PA	PA	PA
LOC_ZIP	16066	16046	16046
REF_NAME	ENTRANCE POINT OF A FACILITY OR STATION	CENTER OF A FACILITY OR STATION	CENTER OF A FACILITY OR STATION
HUC8	05030105	05030105	05030105
FAC_URL	<a href="http://oaspub.epa.gov/enviro/fac_gateway.main?p_regid=110032617345">http://oaspub.epa.gov/enviro/fac_gateway.main?p_regid=110032617345</a>	<a href="http://oaspub.epa.gov/enviro/fac_gateway.main?p_regid=110001096616">http://oaspub.epa.gov/enviro/fac_gateway.main?p_regid=110001096616</a>	<a href="http://oaspub.epa.gov/enviro/fac_gateway.main?p_regid=110055638519">http://oaspub.epa.gov/enviro/fac_gateway.main?p_regid=110055638519</a>

↑  
Incorrectly identified on  
eMap, actually located  
to the west of Franklin  
Road.

↑  
No longer listed on  
Envirofacts

HIGHLIGHTING INDICATES WITHIN OR CONTIGUOUS TO STUDY AREA

**Toxic\_Release\_Inventory**  
**(This information is repeated on every page)**

REPORTING_	1988	1988	1988	1988
TRI_FACILI	16046KYSTNRD1	16046KYSTNRD1	16046KYSTNRD1	16046KYSTNRD1
FACILITY_N	KEYSTONE RESOURCES	KEYSTONE RESOURCES	KEYSTONE RESOURCES	KEYSTONE RESOURCES
STREET_ADD	RD. #1	RD. #1	RD. #1	RD. #1
CITY	MARS	MARS	MARS	MARS
COUNTY	BUTLER	BUTLER	BUTLER	BUTLER
ST	PA	PA	PA	PA
ZIP	16046	16046	16046	16046
PRIMARY_SI	3341	3341	3341	3341
PRIMARY_NA	331000	331000	331000	331000
DOC_CTRL_N	1388030000000	1388030000000	1388030000000	1388030000000
CHEMICAL	ANTIMONY	CADMIUM	ALUMINUM (FUME OR DUST)	LEAD COMPOUNDS
CAS_COMPOU	7440360	7440439	7429905	N420
CLEAN_AIR_	YES	YES	NO	YES
CLASSIFICA	NON-PBT	NON-PBT	NON-PBT	PBT
METAL	YES	YES	YES	YES
METAL_CATE	1	1	4	1
CARCINOGEN	NO	YES	NO	NO
FORM_TYPE	R	R	R	R
UOM	Pounds	Pounds	Pounds	Pounds
SEC_51_FUG	0	250	250	250
SEC_52_STA	0	250	250	250
SEC_53_WAT	0	250	250	250
SEC_541_UN	0	0	0	0
SEC_542_UN	0	0	0	0
SEC_551A_R	0	0	0	0
SEC_551B_O	0	0	0	0
SEC_552_LA	0	0	0	0
SEC_553_SU	0	0	0	0
SEC_553A_R	0	0	0	0
SEC_553B_O	0	0	0	0
SEC_554_OT	0	0	0	0
ON_SITE_RE	0	750	750	750
SEC_61_POT	0	0	0	0
SEC_61_P_1	0	0	0	0
SEC_61_P_2	0	0	0	0
SEC_62_M10	0	0	0	0
SEC_62_M41	0	0	0	0
SEC_62_M62	0	0	0	0
SEC_62_M71	0	0	0	0
SEC_62_M81	0	0	0	0
SEC_62_M82	0	0	0	0
SEC_62_M72	0	18	8000	8000

*Keystone Resources appears to be incorrectly reported on eMap. The facility is located outside of study area based on review of EPA facility information.*



**Toxic\_Release\_Inventory**  
**(This information is repeated on every page)**

REPORTING_	1988	1988	1988	1988
TRI_FACILI	16046KYSTNRD1	16046KYSTNRD1	16046KYSTNRD1	16046KYSTNRD1
FACILITY_N	KEYSTONE RESOURCES	KEYSTONE RESOURCES	KEYSTONE RESOURCES	KEYSTONE RESOURCES
STREET_ADD	RD. #1	RD. #1	RD. #1	RD. #1
CITY	MARS	MARS	MARS	MARS
COUNTY	BUTLER	BUTLER	BUTLER	BUTLER
ST	PA	PA	PA	PA
ZIP	16046	16046	16046	16046
PRIMARY_SI	3341	3341	3341	3341
PRIMARY_NA	331000	331000	331000	331000
DOC_CTRL_N	1388030000000	1388030000000	1388030000000	1388030000000
CHEMICAL	ANTIMONY	CADMIUM	ALUMINUM (FUME OR DUST)	LEAD COMPOUNDS
CAS_COMPOU	7440360	7440439	7429905	N420
CLEAN_AIR_	YES	YES	NO	YES
CLASSIFICA	NON-PBT	NON-PBT	NON-PBT	PBT
METAL	YES	YES	YES	YES
METAL_CATE	1	1	4	1
CARCINOGEN	NO	YES	NO	NO
FORM_TYPE	R	R	R	R
UOM	Pounds	Pounds	Pounds	Pounds
SEC_62_M63	0	0	0	0
SEC_62_M66	0	0	0	0
SEC_62_M67	0	0	0	0
SEC_62_M64	0	0	0	0
SEC_62_M65	0	0	0	0
SEC_62_M73	0	0	0	0
SEC_62_M79	0	0	0	0
SEC_62_M90	0	0	0	0
SEC_62_M94	0	0	0	0
SEC_62_M99	0	0	0	0
OFF_SITE_R	0	18	8000	8000
SEC_62_M20	0	0	0	0
SEC_62_M24	0	0	0	0
SEC_62_M26	0	0	0	0
SEC_62_M28	0	0	0	0
SEC_62_M93	0	0	0	0
OFF_SITE_1	0	0	0	0
SEC_62_M56	0	0	0	0
SEC_62_M92	0	0	0	0
OFF_SITE_2	0	0	0	0
SEC_62_M40	0	0	0	0
SEC_62_M50	0	0	0	0
SEC_62_M54	0	0	0	0

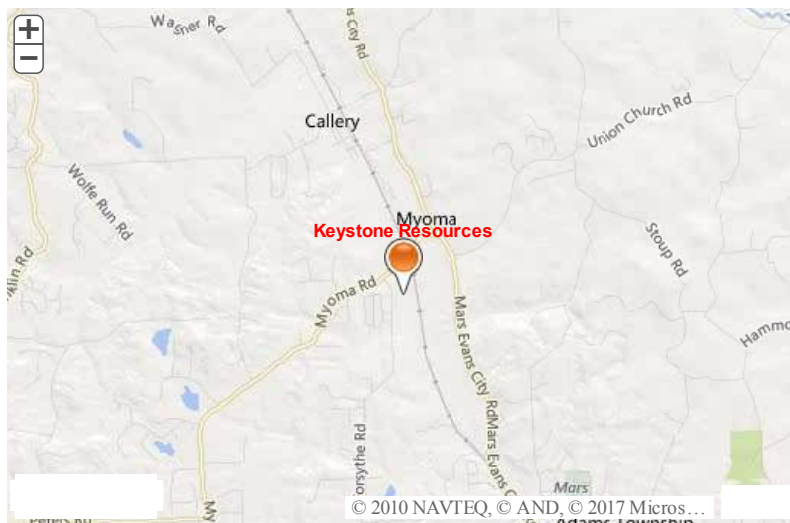
**Toxic\_Release\_Inventory**  
**(This information is repeated on every page)**

REPORTING_	1988	1988	1988	1988
TRI_FACILI	16046KYSTNRD1	16046KYSTNRD1	16046KYSTNRD1	16046KYSTNRD1
FACILITY_N	KEYSTONE RESOURCES	KEYSTONE RESOURCES	KEYSTONE RESOURCES	KEYSTONE RESOURCES
STREET_ADD	RD. #1	RD. #1	RD. #1	RD. #1
CITY	MARS	MARS	MARS	MARS
COUNTY	BUTLER	BUTLER	BUTLER	BUTLER
ST	PA	PA	PA	PA
ZIP	16046	16046	16046	16046
PRIMARY_SI	3341	3341	3341	3341
PRIMARY_NA	331000	331000	331000	331000
DOC_CTRL_N	1388030000000	1388030000000	1388030000000	1388030000000
CHEMICAL	ANTIMONY	CADMIUM	ALUMINUM (FUME OR DUST)	LEAD COMPOUNDS
CAS_COMPOU	7440360	7440439	7429905	N420
CLEAN_AIR_	YES	YES	NO	YES
CLASSIFICA	NON-PBT	NON-PBT	NON-PBT	PBT
METAL	YES	YES	YES	YES
METAL_CATE	1	1	4	1
CARCINOGEN	NO	YES	NO	NO
FORM_TYPE	R	R	R	R
UOM	Pounds	Pounds	Pounds	Pounds
SEC_62_M61	0	0	0	0
SEC_62_M69	0	0	0	0
SEC_62_M95	0	0	0	0
OFF_SITE_T	0	0	0	0
TOTAL_RELE	0	768	8750	8750
SEC_81_REL	0	0	0	0
SEC_81A_ON	0	0	0	0
SEC_81B_ON	0	0	0	0
SEC_81C_OF	0	0	0	0
SEC_81D_OF	0	0	0	0
SEC_82_ENE	0	0	0	0
SEC_83_ENE	0	0	0	0
SEC_84_REC	0	0	0	0
SEC_85_REC	0	0	0	0
SEC_86_TRE	0	0	0	0
SEC_87_TRE	0	0	0	0
PRODUCTION	0	0	0	0
SEC_88_ONE	0	0	0	0
SEC_89_PRO				
PARENT_COM	NA	NA	NA	NA
PARENT_C_1	NA	NA	NA	NA



## Envirofacts Search Results

**KEystone RESOURCES**  
**807 MYOMA ROAD**  
**MARS, PA 16046**



\*You can navigate within the map with your mouse.

EPA Facility Information

This query was executed on APR-12-2017

### Multisystem Links

- [EF Overview](#)
- [Search](#)
- [Model](#)
- [Contact Us](#)

[Report an Error](#)

*Keystone Resources appears to be incorrectly reported on eMap. The facility is located outside of study area based on review of EPA facility information.*

### Toxic Releases for Reporting Year 1988

TRI Facility Id16046KYSTNRD1XX

#### SIC Codes for 1988

SIC CODE	SIC CODE DESCRIPTION
3341	SECONDARY SMELTING AND REFINING OF NONFERROUS METALS

#### Chemicals Transferred to other Sites

Chemical Name	TRI Chemical Id	Document Control Number	Total Release	Transfer Basis Est Code	Type Of Waste Management	Off Site Name	City Name
<u>ALUMINUM (FUME OR DUST)</u>	007429905	1388025586569	8000		LANDFILL/DISPOSAL SURFACE IMPOUNDMENT	ADAMS CENTER LANDFILL	FORT WAYNE
<u>CADMIUM</u>	007440439	1388025586583	18		LANDFILL/DISPOSAL SURFACE IMPOUNDMENT	ADAMS CENTER LANDFILL	FORT WAYNE
<u>LEAD COMPOUNDS</u>	N420	1388025586571	8000		LANDFILL/DISPOSAL SURFACE IMPOUNDMENT	ADAMS CENTER LANDFILL	FORT WAYNE

#### Chemicals Released to Air

Chemical Name	TRI Chemical Id	Document Control Number	Total Release	Release Basis Est Code	Environmental Medium
<u>ALUMINUM (FUME OR DUST)</u>	007429905	1388025586569	250		FUGITIVE OR NON-POINT EMISSIONS
<u>ALUMINUM (FUME OR DUST)</u>	007429905	1388025586569	250		STACK OR POINT EMISSIONS
<u>CADMIUM</u>	007440439	1388025586583	250		FUGITIVE OR NON-POINT EMISSIONS
<u>CADMIUM</u>	007440439	1388025586583	250		STACK OR POINT EMISSIONS
<u>LEAD COMPOUNDS</u>	N420	1388025586571	250		FUGITIVE OR NON-POINT EMISSIONS

<u>LEAD COMPOUNDS</u>	N420	1388025586571	250		STACK OR POINT EMISSIONS
-----------------------	------	---------------	-----	--	--------------------------

**Chemicals Released to Surface Water**

<u>Chemical Name</u>	<u>TRI Chemical Id</u>	<u>Document Control Number</u>	<u>Total Release</u>	<u>Storm Water NA</u>	<u>Storm Water Percent</u>
<u>ALUMINUM (FUME OR DUST)</u>	007429905	1388025586569	250	0	100
<u>CADMIUM</u>	007440439	1388025586583	250	0	100
<u>LEAD COMPOUNDS</u>	N420	1388025586571	250	0	100

**Chemicals Released via Underground Injection**

There was no data of this type reported for this facility.

**Chemicals Released to Land**

There was no data of this type reported for this facility.

Additional Information can be obtained from the Toxics Release Inventory [TRI](#) Search.

**Additional links for TRI:**

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- National Library of Medicine (NLM) [TOXMAP](#) [EXIT Disclaimer](#) .

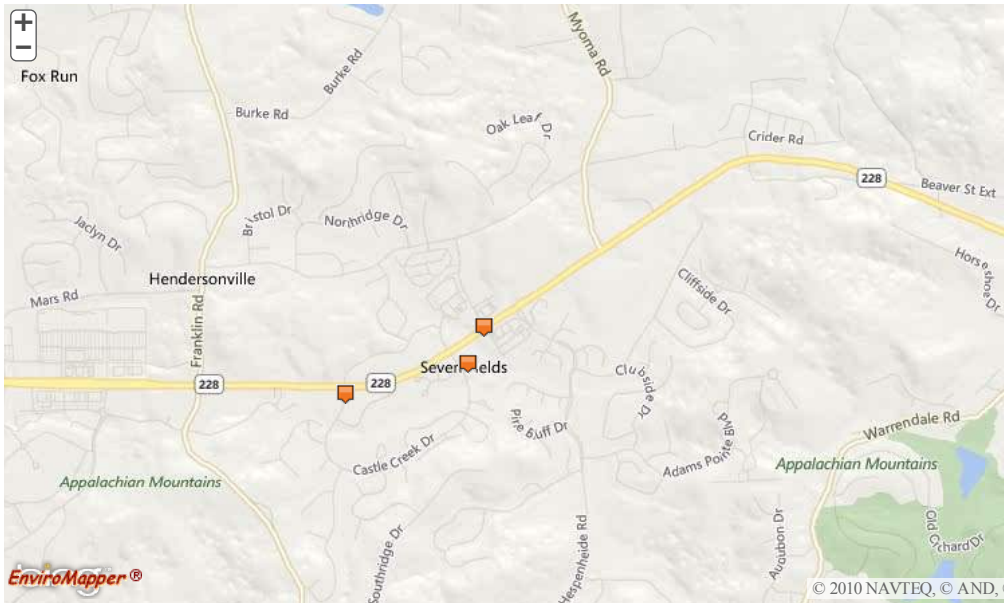
Last updated on 4/12/2017





## Envirofacts Search Results

Search Results for:  
Map Recentered



### Envirofacts Links

- [EF Overview](#)
- [Search](#)
- [Model](#)
- [Data Update](#)
- [Multisystem Search User Guide](#)
- [Contact Us](#)

[Report an Error](#)

The facility list below is based upon the facilities that are visible with the map above. To refine your search to a more targeted area of interest, please visit the [Envirofacts Multisystem Search Form](#). To search Envirofacts via an interactive map, please view your results in [EnviroMapper for Envirofacts](#)

### List of EPA-Regulated Facilities in Envirofacts

[Copy](#) [CSV](#) [Excel](#) [PDF](#) [Print](#)

Showing 1 to 3 of 3 entries

Show 10 entries

Search:

[First](#) [Previous](#) [1](#) [Next](#) [Last](#)

FACILITY INFORMATION	AFS	ACRES	BR	SEMS	GHG	PCS/ICIS	RADInfo	RCRAInfo	TRI	TSCA
RITE AID NO 10987 100 SEVEN FIELDS BLVD SEVEN FIELDS, PA 16046 Latitude: 40.68821 Longitude: -80.05761										
								<a href="#">View Report</a>		
SEVEN FIELDS BORO, BUTLER CNTY MS4 2200 GARDEN DR STE 100 SEVEN FIELDS, PA 16046 Latitude: 40.68646 Longitude: -80.05761										
SUNOCO 0323 6783 675 CASTLE CREEK DR SEVEN FIELDS, PA 16046 Latitude: 40.68494 Longitude: -80.065511										
								<a href="#">View Report</a>		

Showing 1 to 3 of 3 entries

Show 10 entries

Search:

[First](#) [Previous](#) [1](#) [Next](#) [Last](#)

Total Number of Facilities Displayed: 3

[Return to more topical information](#)



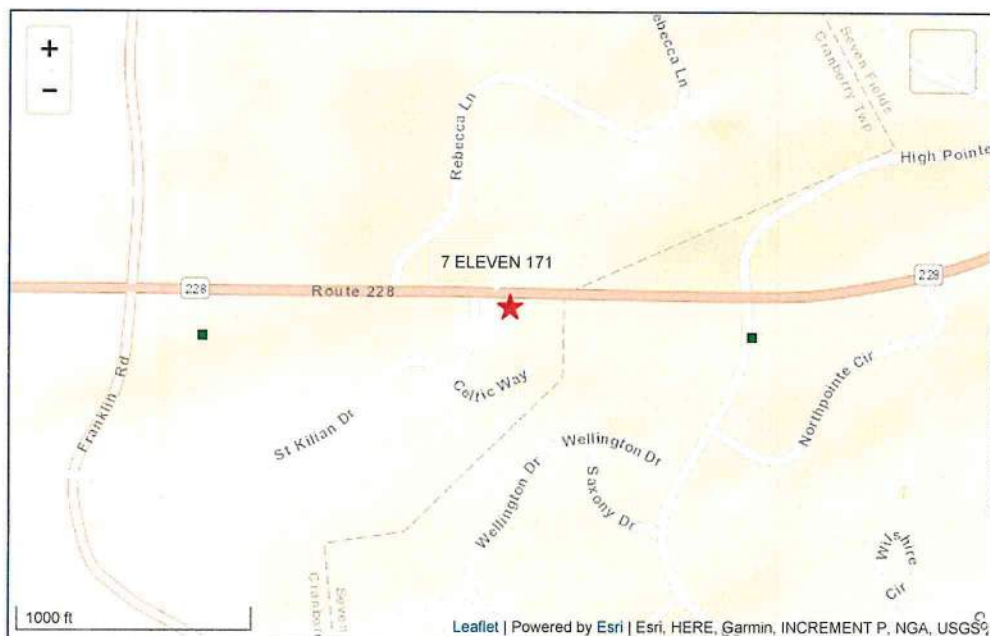
Related Topics: Envirofacts

FRS

## FRS Facility Detail Report

**7 ELEVEN 171**

EPA Registry Id: 110032617345  
1559 ROUTE 228  
CRANBERRY TOWNSHIP, PA 16066

**Legend**

- ★ Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

**Facility Registry Service Links:**

- Facility Registry Service (FRS) Overview
- FRS Facility Query
- FRS Organization Query
- EZ Query
- FRS Physical Data Model
- FRS Geospatial Model

[Report an Error](#)

**Environmental Interests**

Information System	System Facility Name	Information System Id/Report Link	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
INTEGRATED COMPLIANCE INFORMATION SYSTEM	7 ELEVEN 171	600032178	FORMAL ENFORCEMENT ACTION	ICIS	03/23/2009	ICIS-03-2009-0074 FORMAL ENFORCEMENT ACTION
INTEGRATED COMPLIANCE INFORMATION SYSTEM	7 ELEVEN 171	600032178	ENFORCEMENT/COMPLIANCE ACTIVITY	ICIS	09/04/2007	ICIS-03-2009-0074 FORMAL ENFORCEMENT ACTION

**Additional EPA Reports:** MyEnvironment Site Demographics Facility Coordinates Viewer Environmental Justice Map Viewer Watershed Report

**Standard Industrial Classification Codes (SIC)**

No SIC Codes returned.

**Facility Codes and Flags**

EPA Region: 03  
Duns Number:  
Congressional District Number: 03  
Legislative District Number:  
HUC Code/Watershed: 05030105 / CONNOQUENESSING  
US Mexico Border Indicator:  
Federal Facility:  
Tribal Land: NO

**National Industry Classification System Codes (NAICS)**

Data Source	NAICS Code	Description	Primary
ICIS	447110	GASOLINE STATIONS WITH CONVENIENCE STORES.	

**Facility Mailing Addresses**

No Facility Mailing Addresses returned.

**Contacts****Alternative Names**

No Alternative Names returned.

No Contacts returned.

**Organizations**

No Organizations returned.

Query executed on: JAN-30-2018

Last updated on September 24, 2015

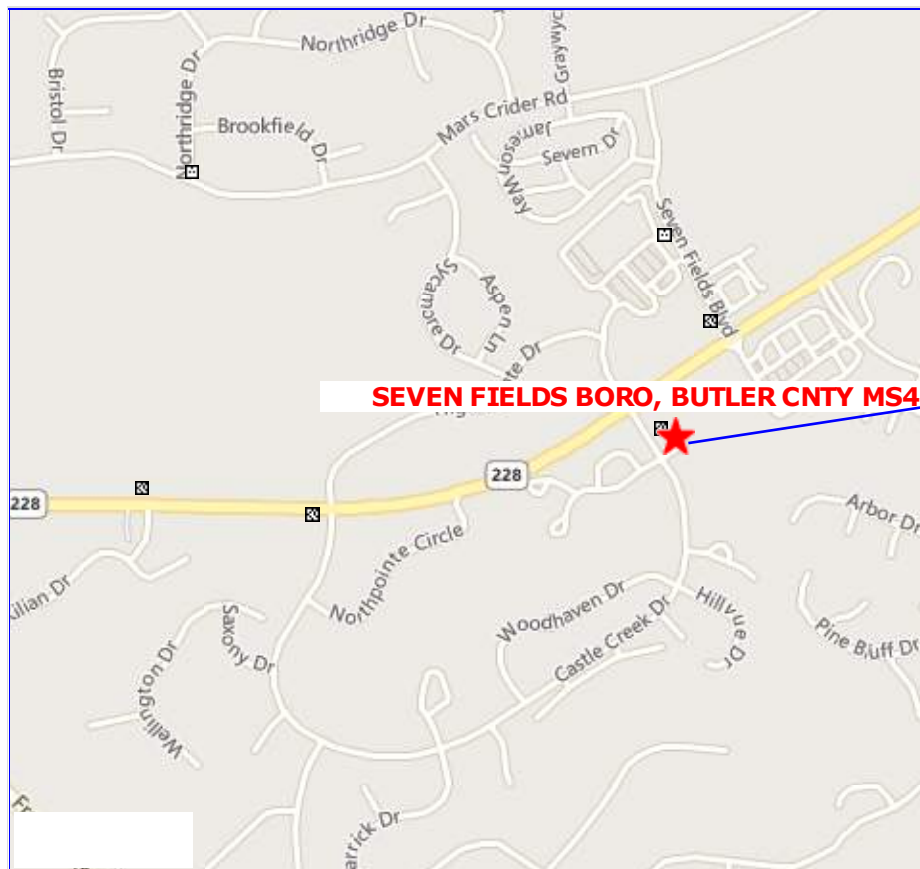
Related Topics: Envirofacts

FRS

## FRS Facility Detail Report

### SEVEN FIELDS BORO, BUTLER CNTY MS4

**EPA Registry Id:** 110055638519  
2200 GARDEN DR STE 100  
SEVEN FIELDS, PA 16046



#### Legend

- ★ Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

### Facility Registry Service Links:

- Facility Registry Service (FRS) Overview
- FRS Facility Query
- FRS Organization Query
- EZ Query
- FRS Physical Data Model
- FRS Geospatial Model

Note: Facility is populated by Envirofacts website, but actually lies outside the study area.



## Environmental Interests

Information System	System Facility Name	Information System Id/Report Link	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
PENNSYLVANIA - ENVIRONMENTAL FACILITY APPLICATION COMPLIANCE TRACKING SYSTEM	SEVEN FIELDS BORO, BUTLER CNTY MS4	PAG138325	STATE MASTER	PA-EFACTS		
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (ICIS-NPDES)	SEVEN FIELDS BORO, BUTLER CNTY MS4	PAG138325	ICIS-NPDES NON-MAJOR	ICIS	05/31/2013	ICIS-ENFORCEMENT/COMPLIANCE ACTIVITY

<b>Additional EPA Reports:</b>	<a href="#">MyEnvironment</a> <a href="#">Enforcement and Compliance</a> <a href="#">Site Demographics</a> <a href="#">Facility Coordinates Viewer</a> <a href="#">Environmental Justice Map Viewer</a> <a href="#">Watershed Report</a>
--------------------------------	--

### Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
NPDES	9199	GENERAL GOVERNMENT, NOT ELSEWHERE CLASSIFIED	
PA-EFACTS	9199	GENERAL GOVERNMENT, NOT ELSEWHERE CLASSIFIED	

### Facility Codes and Flags

<b>EPA Region:</b>	03
<b>Duns Number:</b>	
<b>Congressional District Number:</b>	03
<b>Legislative District Number:</b>	
<b>HUC Code/Watershed:</b>	05030105 / CONNOQUENESSING
<b>US Mexico Border Indicator:</b>	
<b>Federal Facility:</b>	
<b>Tribal Land:</b>	NO

### Alternative Names

No Alternative Names returned.

### Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
FACILITY SITE CONTACT	SEVEN FIELDS BORO, BUTLER CNTY MS4		NPDES	
OWNER	SEVEN FIELDS BORO BUTLER CNTY		PA-EFACTS	

### National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description	Primary
NPDES	921190	OTHER GENERAL GOVERNMENT SUPPORT.	

### Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
FACILITY MAILING ADDRESS	2200 GARDEN DR STE 100	SEVEN FIELDS	42		PA-EFACTS

### Contacts

Affiliation Type	Full Name	Office Phone	Information System	Mailing Address
FACILITY SITE CONTACT	THOMAS SMITH	7247763090	NPDES	

Query executed on: APR-12-2017

Last updated on September 24, 2015

Related Topics: Envirofacts

FRS

## FRS Facility Detail Report

**SUNOCO 0323 6783**

**EPA Registry Id:** 110006538121  
675 CASTLE CREEK DR  
SEVEN FIELDS, PA 16046



### Legend

- ★ Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

### Facility Registry Service Links:

- Facility Registry Service (FRS) Overview
- FRS Facility Query
- FRS Organization Query
- EZ Query
- FRS Physical Data Model
- FRS Geospatial Model

## Environmental Interests

Information System		System Facility Name	Information System Id/Report Link	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:	
BIENNIAL REPORTERS		SUNOCO SS 0323-6783 CO-OP 7609	PAR000502815	HAZARDOUS WASTE BIENNIAL REPORTER	RCRAINFO	12/31/2005		
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM		SUNOCO SS 0323-6783 CO-OP 7609	PAR000502815	CESQG (Y)	RCRAINFO	07/18/2011		
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM		SUNOCO SS 0323-6783 CO-OP 7609	PAR000502815	STATE REGULATED TSD (Y)	RCRAINFO	07/18/2011		
Additional EPA Reports:	MyEnvironment Enforcement and Compliance Site Demographics Facility Coordinates Viewer Environmental Justice Map Viewer Watershed Report							
Standard Industrial Classification Codes (SIC)								
No SIC Codes returned.								
Facility Codes and Flags								
EPA Region:		03						
Duns Number:								
Congressional District Number:		03						
Legislative District Number:		6						
HUC Code/Watershed:		05030105 / CONNOQUENESSING						
US Mexico Border Indicator:								
Federal Facility:		NO						
Tribal Land:		NO						
Alternative Names				National Industry Classification System Codes (NAICS)				
Alternative Name		Source of Data		Data Source	NAICS Code	Description		Primary
SUNOCO SVC STA 03236783		NOTIFICATION (RCRA)		RCRAINFO	44711	GASOLINE STATIONS WITH CONVENIENCE STORES		
SUNOCO SS 0323-6783 CO-OP 7609		BR						
Organizations				Facility Mailing Addresses				
No Organizations returned.				No Facility Mailing Addresses returned.				
				Contacts				
				No Contacts returned.				

Query executed on: APR-12-2017

Last updated on September 24, 2015

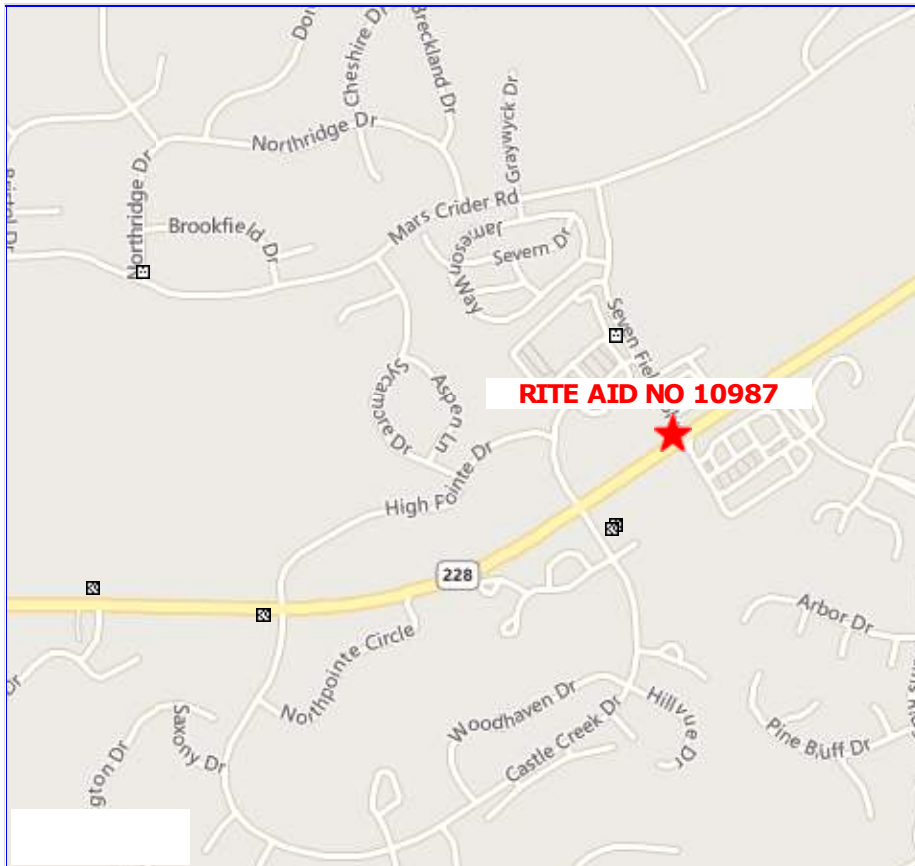
Related Topics: Envirofacts

FRS

## FRS Facility Detail Report

**RITE AID NO 10987**

**EPA Registry Id:** 110059671699  
100 SEVEN FIELDS BLVD  
SEVEN FIELDS, PA 16046



### Legend

- ★ Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

### Facility Registry Service Links:

- Facility Registry Service (FRS) Overview
- FRS Facility Query
- FRS Organization Query
- EZ Query
- FRS Physical Data Model
- FRS Geospatial Model



## Environmental Interests

Information System	System Facility Name	Information System Id/Report Link	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	RITE AID NO 10987	PAR000542183	CESQG (Y)	RCRAINFO	03/17/2014	
PENNSYLVANIA - ENVIRONMENTAL FACILITY APPLICATION COMPLIANCE TRACKING SYSTEM	RITE AID NO 10987	PAR000542183	STATE MASTER	PA-EFACTS		

<b>Additional EPA Reports:</b>	MyEnvironment	Enforcement and Compliance	Site Demographics	Facility Coordinates Viewer	Environmental Justice Map Viewer	Watershed Report
--------------------------------	---------------	----------------------------	-------------------	-----------------------------	----------------------------------	------------------

### Standard Industrial Classification Codes (SIC)

No SIC Codes returned.

### Facility Codes and Flags

<b>EPA Region:</b>	03
<b>Duns Number:</b>	
<b>Congressional District Number:</b>	03
<b>Legislative District Number:</b>	
<b>HUC Code/Watershed:</b>	05030105 / CONNOQUENESSING
<b>US Mexico Border Indicator:</b>	
<b>Federal Facility:</b>	NO
<b>Tribal Land:</b>	NO

### Alternative Names

No Alternative Names returned.

### Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OWNER/OPERATOR	RITE AID CORP		PA-EFACTS	
OPERATOR	RITE AID CORPORATION		RCRAINFO	
OWNER	ECKERD CORP		RCRAINFO	
OWNER	ECKERD CORPORATION		RCRAINFO	
OPERATOR	RITE AID CORP		RCRAINFO	

### National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description	Primary
RCRAINFO	44611	PHARMACIES AND DRUG STORES	

### Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
FACILITY MAILING ADDRESS	30 HUNTER LN	CAMP HILL	PA	17011	RCRAINFO
FACILITY MAILING ADDRESS	100 SEVEN FIELDS BLVD	SEVEN FIELDS	42		PA-EFACTS

### Contacts

Affiliation Type	Full Name	Office Phone	Information System	Mailing Address
REGULATORY CONTACT	STEPHANIE CAIAT	7177308225	RCRAINFO	

Query executed on: APR-12-2017

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Client Search
Facility Search
Inspection Search
Mammography Search
Name Search
Pollution Prevention
Sites by County/Municipality
Site Search
Reports
Emission Summary
Facility Emissions
Other Sites
eMapPA
eNotice
EPA ECHO
EPA Envirofacts
Permits, Licensing, and Certification
The PA Code

**Site Details**[North West Regional Office](#)[Site Search](#)[Sites by County/Muni Search](#)

Site ID:	567812
Site Name:	7 ELEVEN 36147
Address:	1559 ROUTE 228 CRANBERRY TOWNSHIP, PA 16066
Status:	Active

**Clients (2)**

Client List
<a href="#">7 ELEVEN INC (142881)</a>
<a href="#">HANDEE MARTS INC (4281)</a>

**Programs (1)**

DEP Programs
Environmental Cleanup & Brownfields

**PA Municipalities (1)**

Municipalities/Counties
Cranberry Twp, Butler County

**Site Permits (0)**

No records matched the criteria.

**Facility Permits (2)**

Authorization Id	Authorization Type	Date Received	Status/Date
<a href="#">426609</a>	Storage Tank Registration/Permitting	09/29/1998	Issued 09/29/1998
<a href="#">969487</a>	Storage Tank Registration/Permitting	03/26/2013	Issued 03/27/2013

**Site-Level and Primary Facility-Level Inspections (11)**

Inspection ID	Inspection Date	Inspection Type	Inspection Results
2571440	03/08/2017	Follow-up Inspection	No Violations Noted
2564776	02/08/2017	Follow-up Inspection	Outstanding Violations - No Viols Req'd <a href="#">View Details</a>
2572341	02/08/2017	Follow-up Inspection	Outstanding Violations - No Viols Req'd <a href="#">View Details</a>
2531818	09/19/2016	Facility Operations Inspection	Violation(s) Noted <a href="#">View Details</a>
2221309	10/01/2013	Facility Operations Inspection	Violation(s) Noted <a href="#">View Details</a>
1873954	03/03/2010	Facility Operations Inspection	No Violations Noted
1714063	08/22/2007	Compliance Evaluation	Outstanding Violations - No Viols Req'd <a href="#">View Details</a>
1621183	04/05/2007	Facility Operations Inspection	Viol(s) Noted & Immediately Corrected <a href="#">View Details</a>
1442490	04/05/2005	Facility Operations Inspection	Violation(s) Noted <a href="#">View Details</a>
1132800	03/10/2000	Facility Operations Inspection	No Violations Noted
1132799	07/28/1995	Facility Operations Inspection	No Violations Noted

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**Site Details**[North West Regional Office](#)[Site Search](#)[Sites by County/Muni Search](#)

Site ID:	567811
Site Name:	GRABENSTEIN TEXACO
Address:	1565 ROUTE 228 CRANBERRY, PA 16006
Status:	Active

**Clients (1)**

Client List

[CWGRABENSTEIN \(191127\)](#)**Programs (1)**

DEP Programs

Environmental Cleanup &amp; Brownfields

**PA Municipalities (1)**

Municipalities/Counties

Cranberry Twp, Butler County

**Site Permits (0)**

No records matched the criteria.

**Facility Permits (1)**

Authorization Id	Authorization Type	Date Received	Status/Date
<a href="#">426607</a>	Storage Tank Registration/Permitting	08/05/1989	Issued 08/05/1989

**Site-Level and Primary Facility-Level Inspections (6)**

Inspection ID	Inspection Date	Inspection Type	Inspection Results
2436532	11/23/2015	Facility Operations Inspection	No Violations Noted
2159622	04/02/2013	Facility Operations Inspection	Violation(s) Noted <a href="#">View Details</a>
2143318	02/22/2013	Administrative/File Review	Violation(s) Noted <a href="#">View Details</a>
1689928	12/20/2007	Facility Operations Inspection	Violation(s) Noted <a href="#">View Details</a>
1671641	11/15/2007	Administrative/File Review	Violation(s) Noted <a href="#">View Details</a>
1154656	07/17/2002	Facility Operations Inspection	No Violations Noted

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**Site Details**[North West Regional Office](#)[Site Search](#)[Sites by County/Muni Search](#)

Site ID:	567837
Site Name:	SUNOCO 0323 6783
Address:	675 CASTLE CREEK DRIVE EXT SEVEN FIELDS, PA 16046-7847
Status:	Active

**Clients (3)**

Client List
<a href="#">SUNOCO CHEMICALS INC (83455)</a>
<a href="#">SUNOCO INC (R&amp;M) (289924)</a>
<a href="#">SUNOCO RETAIL LLC (327054)</a>

**Programs (2)**

DEP Programs
Environmental Cleanup & Brownfields
Waste Management

**PA Municipalities (1)**

Municipalities/Counties
Seven Fields Boro, Butler County

**Site Permits (0)**

No records matched the criteria.

**Facility Permits (2)**

Authorization Id	Authorization Type	Date Received	Status/Date
<a href="#">1041169</a>	Storage Tank Registration/Permitting	08/28/2014	Issued 09/05/2014
<a href="#">1137218</a>	Storage Tank Registration/Permitting	04/08/2016	Issued 05/13/2016

**Site-Level and Primary Facility-Level Inspections (11)**

Inspection ID	Inspection Date	Inspection Type	Inspection Results
2395871	07/09/2015	Facility Operations Inspection	No Violations Noted
2293882	08/08/2014	Follow-up Inspection	No Violations Noted
2291834	07/30/2014	Follow-up Inspection	No Violations Noted
1909438	08/26/2010	Integrity In-Service	Violation(s) Noted <a href="#">View Details</a>
1909440	08/26/2010	Integrity In-Service	Violation(s) Noted <a href="#">View Details</a>
1909441	08/26/2010	Integrity In-Service	Violation(s) Noted <a href="#">View Details</a>
1909442	08/26/2010	Integrity In-Service	Violation(s) Noted <a href="#">View Details</a>
1169726	04/22/2002	Integrity In-Service	In Compliance with Policy
1169762	04/22/2002	Integrity In-Service	In Compliance with Policy
1169770	04/22/2002	Integrity In-Service	In Compliance with Policy
1169808	04/22/2002	Integrity In-Service	In Compliance with Policy



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**Site Details**[South West Regional Office](#)[Site Search](#)[Sites by County/Muni Search](#)

Site ID:	775621
Site Name:	RITE AID NO 10987
Address:	100 SEVEN FIELDS BLVD SEVEN FIELDS, PA 16046-4345
Status:	Active

**Clients (1)**

Client List
<a href="#">RITE AID CORP (121513)</a>

**Programs (1)**

DEP Programs
Waste Management

**PA Municipalities (1)**

Municipalities/Counties
Seven Fields Boro, Butler County

**Site Permits (0)**

No records matched the criteria.

**Facility Permits (0)**

No records matched the criteria.

**Site-Level and Primary Facility-Level Inspections (0)**

No records matched the criteria.

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## Facility Search Details

Facility ID:	584337
Facility Name:	HESPENHEIDE FARM
Address:	RTE 228 MARS, PA 16046 Adams Township, Butler County
Status:	Inactive
Program:	Environmental Cleanup & Brownfields

## Facility Search Sub-Facility Details

No records matched the criteria.

## Facility Search Permit Details

Authorization	Status:	Permit Number:	Date Received:
<a href="#">Storage Tank Registration/Permitting (394459)</a>	Issued	10-91254	08/05/1989

## Facility Search Inspection Details

No records matched the criteria.

## Facility Search Tank Remediation

Incident Name	Confirmed Release Date	Type	Cleanup Status	Cleanup Status Date
<a href="#">FRED W HESPENHEIDE FARM (21506)</a>	09/14/1992	UST (Petroleum)	Cleanup Completed	09/21/1993

**Corrective Action/Tank Closure requirements remain outstanding for incidents in Inactive status.**

## Facility Search Land Recycling Information

No records matched the criteria.

## Facility Search Air Emissions

No records matched the criteria.

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The PA Code

## Authorization Search Details

[Search again](#)

Authorization ID:	394459
Permit number:	
Site:	<a href="#">HESPENHEIDE FARM</a>
Client:	<a href="#">FRED W HESPENHEIDE</a>
Authorization type:	Storage Tank Registration/Permitting
Application type:	New
Authorization is for:	FACILITY
Date received:	08/05/1989
Status:	Issued on 8/5/1989

**Is this authorization type included in Permit Decision Guarantee? :** No  
**Authorization status:** Issued on 8/5/1989

**Permit Review Standard Task Information:**  
**No standard task records found**

[Log in to DEP's eNOTICE](#) to track this permit with automatic email updates

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### Tank Remediation Search Details

Incident Name:	Confirmed Release Date:	Incident ID:	Incident Type:	Cleanup Status:	Cleanup Status Date:	Substance Released:	Environmental Impact:
FRED W HESPENHEIDE FARM	09/14/1992	21506	UST (Petroleum)	Cleanup Completed	09/21/1993	Unleaded Gasoline	SOIL

**Corrective Action/Tank Closure requirements remain outstanding for incidents in Inactive status.**

### Tank Remediation Search Milestone Details

No records matched the criteria.



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**Site Details**[North West Regional Office](#)[Site Search](#)[Sites by County/Muni Search](#)

Site ID:	724352
Site Name:	CVS PHARM NO 2589
Address:	558 PITTSBURGH ST MARS, PA 16046-2608
Status:	Active

**Clients (2)**

Client List
<a href="#">ARMSTRONG DEV PROP INC (274916)</a>
<a href="#">CVS CORP (118610)</a>

**Programs (2)**

DEP Programs
Waste Management
Water Planning and Conservation

**PA Municipalities (1)**

Municipalities/Counties
Adams Twp, Butler County

**Site Permits (0)**

No records matched the criteria.

**Facility Permits (0)**

No records matched the criteria.

**Site-Level and Primary Facility-Level Inspections (0)**

No records matched the criteria.

**Appendix E**

**EDR Report**

SR 0228 Mars - Franklin Rd To Myoma Road

1001 PA-228

Cranberry Township, PA 16066

Inquiry Number: 4883746.3

March 20, 2017

## Certified Sanborn® Map Report



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

## Certified Sanborn® Map Report

03/20/17

**Site Name:**

SR 0228 Mars - Franklin Rd Tc  
1001 PA-228  
Cranberry Township, PA 16066  
EDR Inquiry # 4883746.3

**Client Name:**

The Markosky Engineering Group Inc  
223 East Main Street  
Ligonier, PA 15658  
Contact: Amanda Brown



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

### Certified Sanborn Results:

**Certification #** 508B-4FE0-9079

**PO #** NA

**Project** SR 228 - Franklin to Myoma

#### 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.



Sanborn® Library search results

Certification #: 508B-4FE0-9079

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

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

*The Sanborn Library LLC Since 1866™*

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SR 0228 Mars - Franklin Rd To Myoma Road

1001 PA-228

Cranberry Township, PA 16066

Inquiry Number: 4883746.9

March 22, 2017

## The EDR Aerial Photo Decade Package



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Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

## EDR Aerial Photo Decade Package

03/22/17

**Site Name:**

SR 0228 Mars - Franklin Rd To  
1001 PA-228  
Cranberry Township, PA 16066  
EDR Inquiry # 4883746.9

**Client Name:**

The Markosky Engineering Group Inc  
223 East Main Street  
Ligonier, PA 15658  
Contact: Amanda Brown



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**Search Results:**

<b><u>Year</u></b>	<b><u>Scale</u></b>	<b><u>Details</u></b>	<b><u>Source</u></b>
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2008	1"=500'	Flight Year: 2008	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=750'	Flight Date: May 10, 2002	USGS
1993	1"=500'	Acquisition Date: April 07, 1993	USGS/DOQQ
1990	1"=500'	Flight Date: August 31, 1990	NAPP
1987	1"=500'	Flight Date: September 04, 1987	NAPP
1982	1"=500'	Flight Date: July 11, 1982	NHAP
1975	1"=500'	Flight Date: May 11, 1975	USDI
1973	1"=500'	Flight Date: March 27, 1973	USDA
1969	1"=500'	Flight Date: March 16, 1969	USGS
1967	1"=500'	Flight Date: September 12, 1967	USDA
1957	1"=500'	Flight Date: June 07, 1957	USDA
1952	1"=500'	Flight Date: April 09, 1952	USGS
1947	1"=500'	Flight Date: April 13, 1947	USGS
1939	1"=500'	Flight Date: May 31, 1939	USDA

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INQUIRY #: 4883746.9

YEAR: 2010

— = 500'







INQUIRY #: 4883746.9

YEAR: 2008

— = 500'







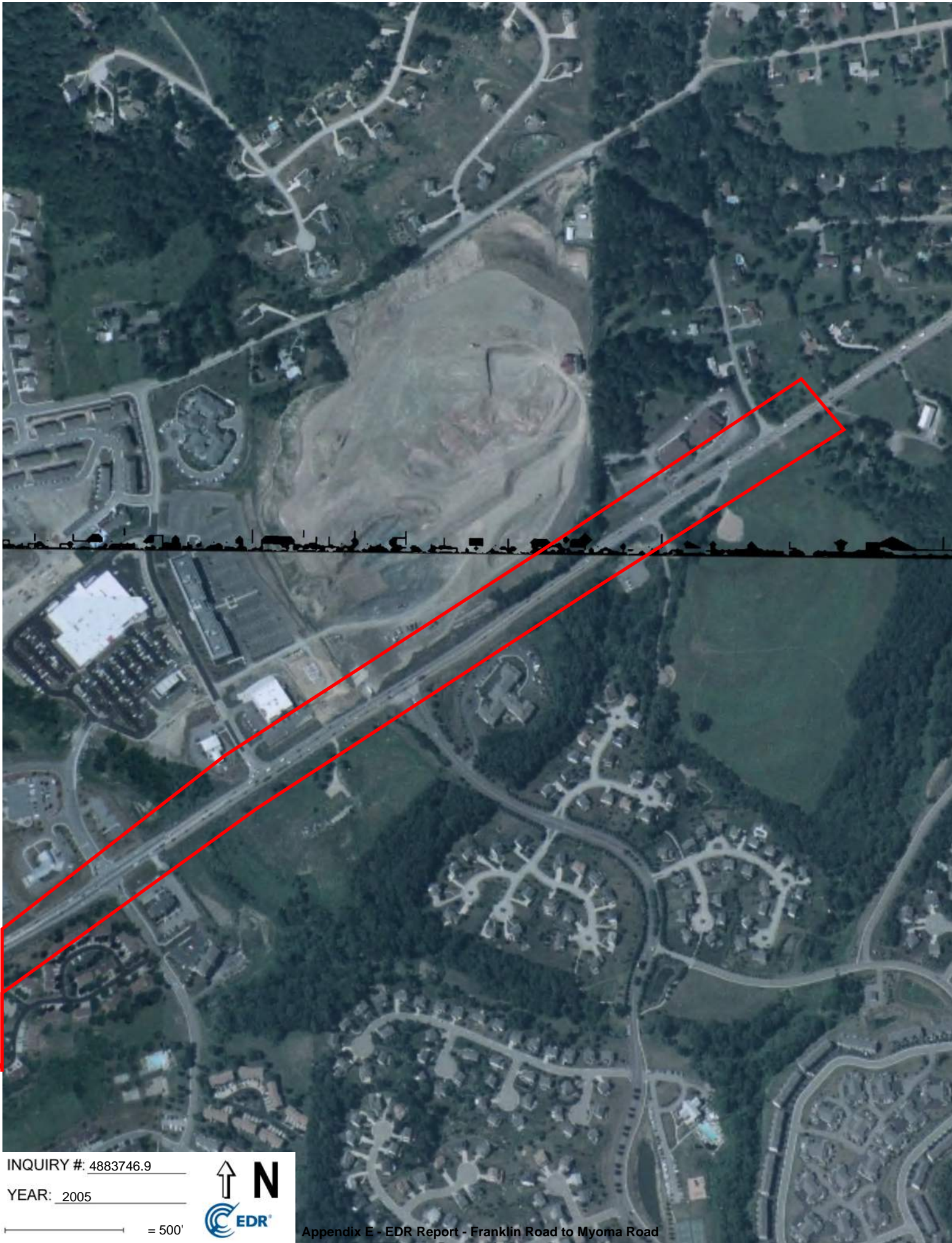
INQUIRY #: 4883746.9

YEAR: 2006

— = 500'







INQUIRY #: 4883746.9

YEAR: 2005

— = 500'







INQUIRY #: 4883746.9

YEAR: 2002

— = 750'







INQUIRY #: 4883746.9

YEAR: 1993

= 500'







INQUIRY #: 4883746.9

YEAR: 1990

— = 500'







INQUIRY #: 4883746.9

YEAR: 1987

— = 500'







INQUIRY #: 4883746.9

YEAR: 1982

— = 500'







INQUIRY #: 4883746.9

YEAR: 1975

— = 500'







INQUIRY #: 4883746.9

YEAR: 1973

— = 500'







INQUIRY #: 4883746.9

YEAR: 1969

— = 500'







INQUIRY #: 4883746.9

YEAR: 1967

— = 500'







INQUIRY #: 4883746.9

YEAR: 1957

— = 500'





INQUIRY #: 4883746.9

YEAR: 1952

500'







INQUIRY #: 4883746.9

YEAR: 1947

— = 500'







INQUIRY #: 4883746.9

YEAR: 1939

— = 500'



SR 0228 Mars - Franklin Rd To Myoma Road

1001 PA-228

Cranberry Township, PA 16066

Inquiry Number: 4883746.4

March 20, 2017

## EDR Historical Topo Map Report

with QuadMatch™



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# EDR Historical Topo Map Report

03/20/17

**Site Name:**

SR 0228 Mars - Franklin Rd To  
1001 PA-228  
Cranberry Township, PA 16066  
EDR Inquiry # 4883746.4

**Client Name:**

The Markosky Engineering Group Inc  
223 East Main Street  
Ligonier, PA 15658  
Contact: Amanda Brown



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**Search Results:****Coordinates:**

<b>P.O.#</b>	NA	<b>Latitude:</b>	40.68992 40° 41' 24" North
<b>Project:</b>	SR 228 - Franklin to Myoma	<b>Longitude:</b>	-80.053352 -80° 3' 12" West
		<b>UTM Zone:</b>	Zone 17 North
		<b>UTM X Meters:</b>	579987.04
		<b>UTM Y Meters:</b>	4504766.99
		<b>Elevation:</b>	1120.27' above sea level

**Maps Provided:**

2013  
1979  
1969  
1953  
1908  
1906

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## ***Topo Sheet Key***

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

### **2013 Source Sheets**



Mars  
2013  
7.5-minute, 24000

### **1979 Source Sheets**



Mars  
1979  
7.5-minute, 24000  
Aerial Photo Revised 1977

### **1969 Source Sheets**



Mars  
1969  
7.5-minute, 24000  
Aerial Photo Revised 1969

### **1953 Source Sheets**



Mars  
1953  
7.5-minute, 24000  
Aerial Photo Revised 1952

## ***Topo Sheet Key***

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

### **1908 Source Sheets**



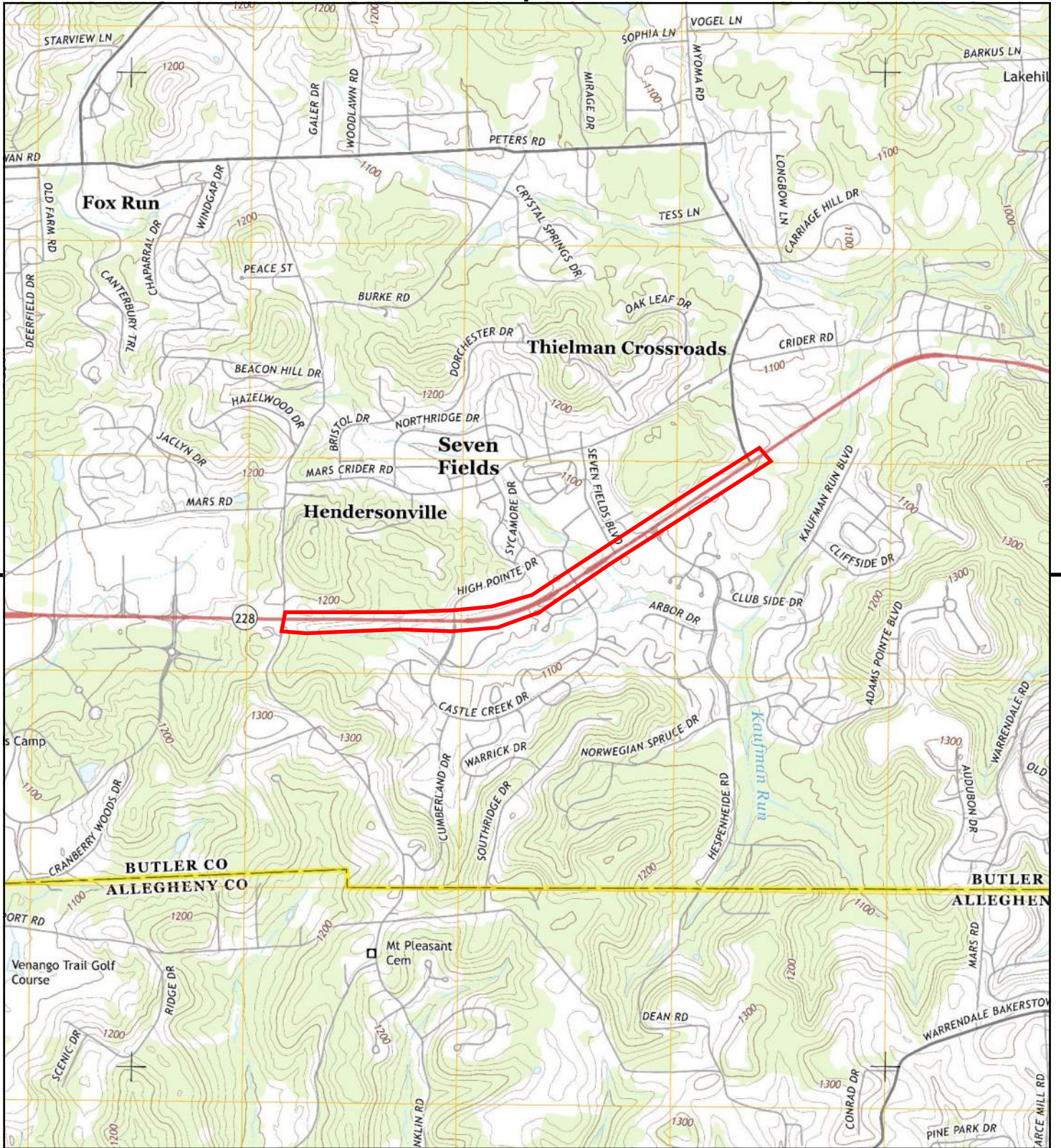
Sewickley  
1908  
15-minute, 62500

### **1906 Source Sheets**



Sewickley  
1906  
15-minute, 62500





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

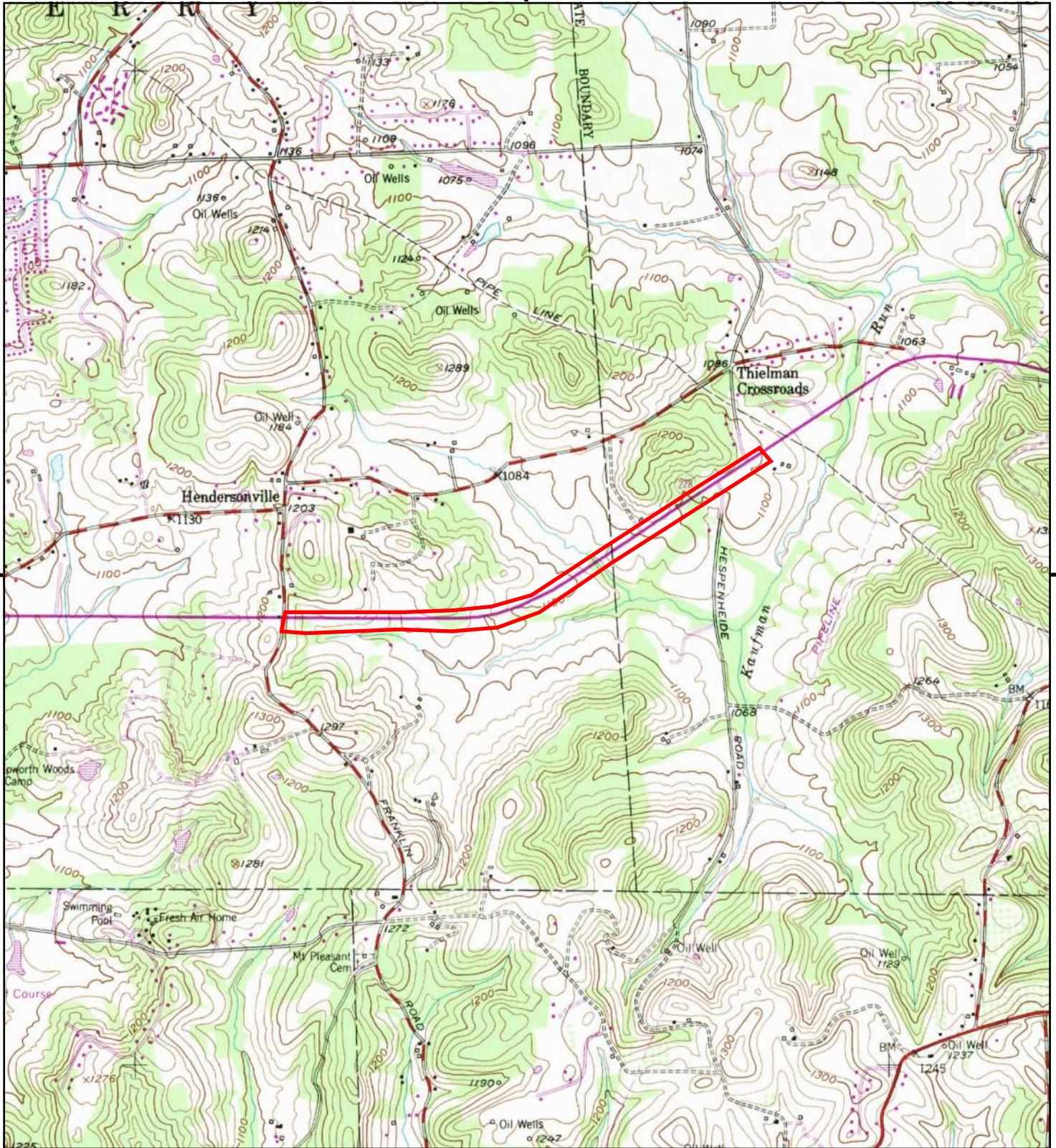


TP, Mars, 2013, 7.5-minute

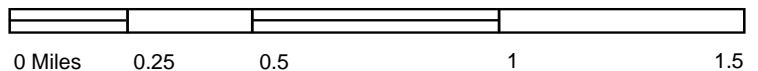
SITE NAME: SR 0228 Mars - Franklin Rd To Myoma R  
 ADDRESS: 1001 PA-228  
 Cranberry Township, PA 16066  
 CLIENT: The Markosky Engineering Group Inc







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

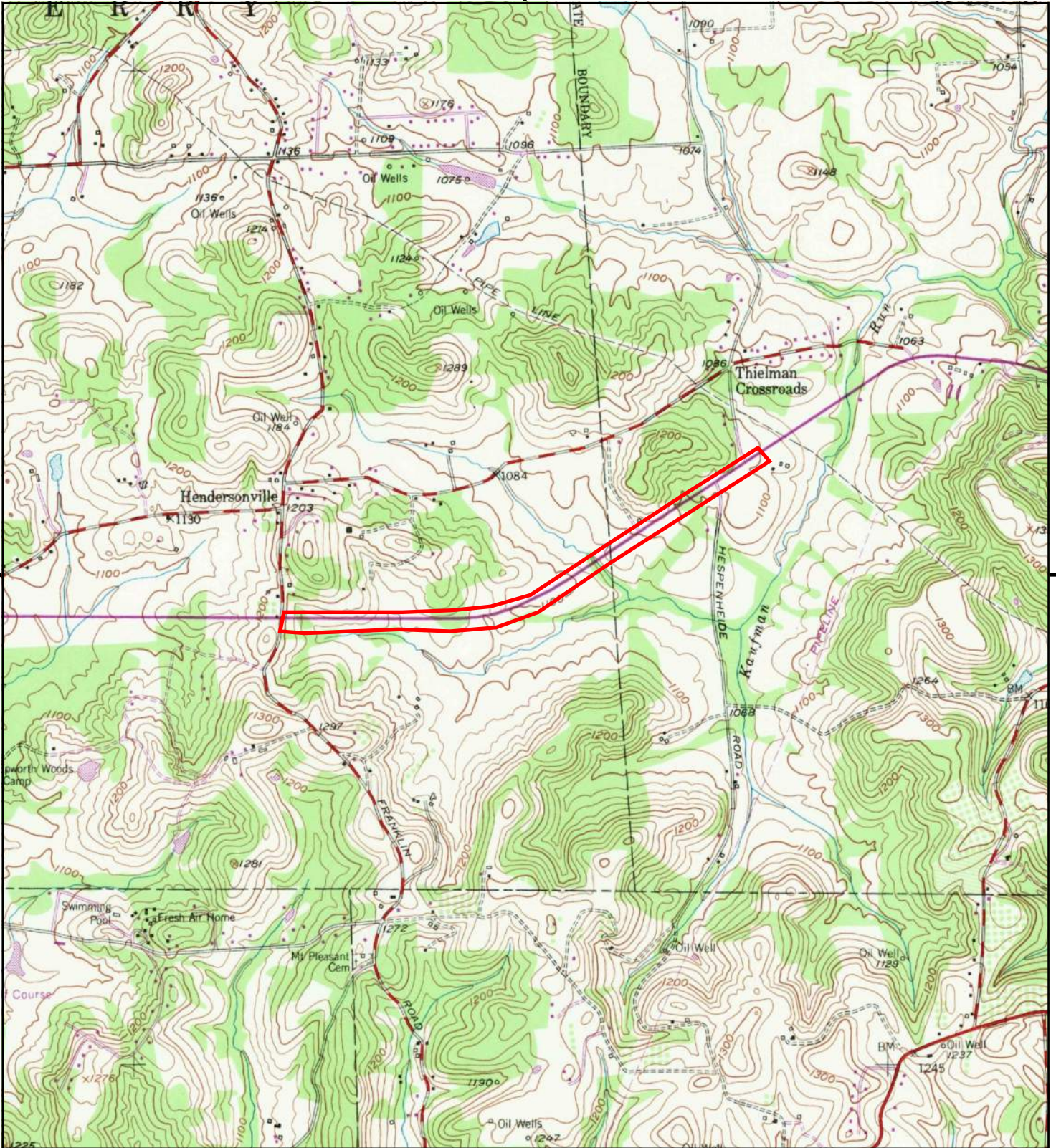


TP, Mars, 1979, 7.5-minute

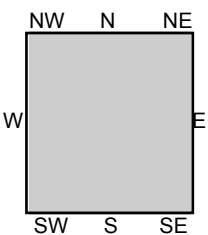
SITE NAME: SR 0228 Mars - Franklin Rd To Myoma R  
ADDRESS: 1001 PA-228  
Cranberry Township, PA 16066  
CLIENT: The Markosky Engineering Group Inc







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

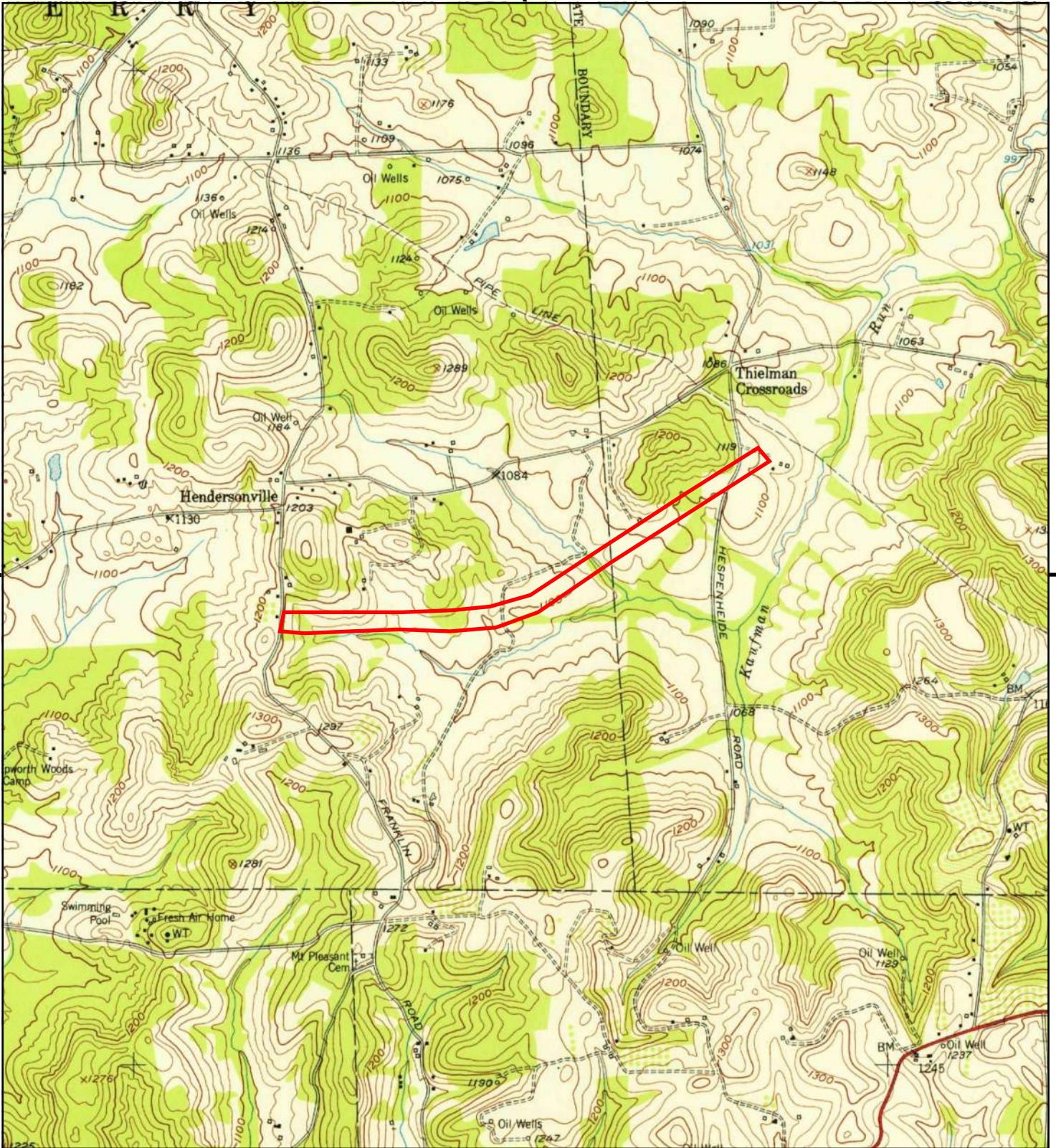


TP, Mars, 1969, 7.5-minute

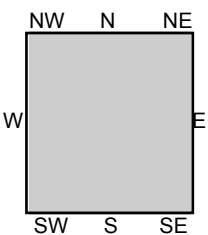
SITE NAME: SR 0228 Mars - Franklin Rd To Myoma R  
ADDRESS: 1001 PA-228  
Cranberry Township, PA 16066  
CLIENT: The Markosky Engineering Group Inc







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

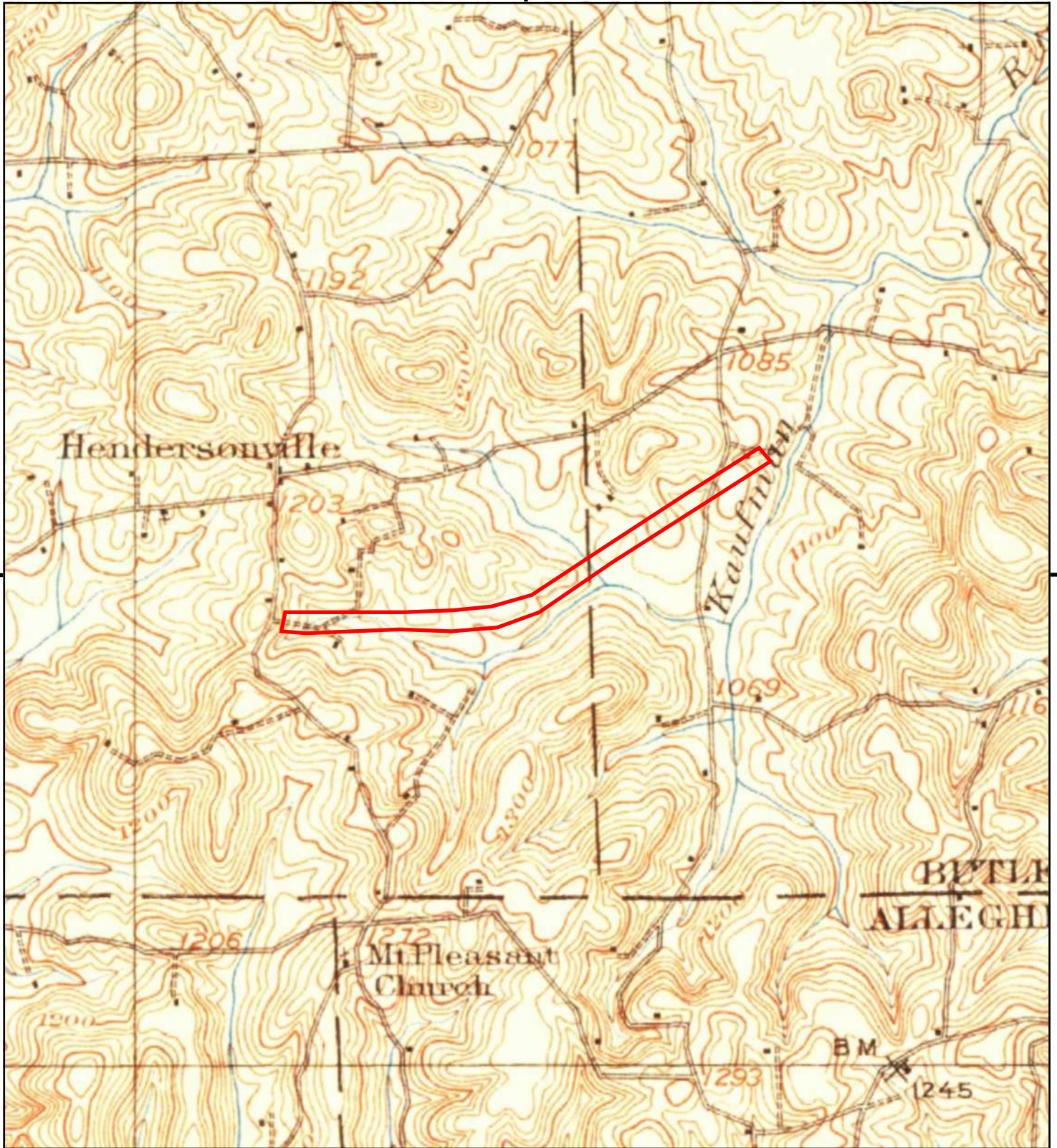


TP, Mars, 1953, 7.5-minute

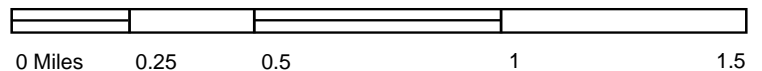
SITE NAME: SR 0228 Mars - Franklin Rd To Myoma R  
ADDRESS: 1001 PA-228  
Cranberry Township, PA 16066  
CLIENT: The Markosky Engineering Group Inc







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

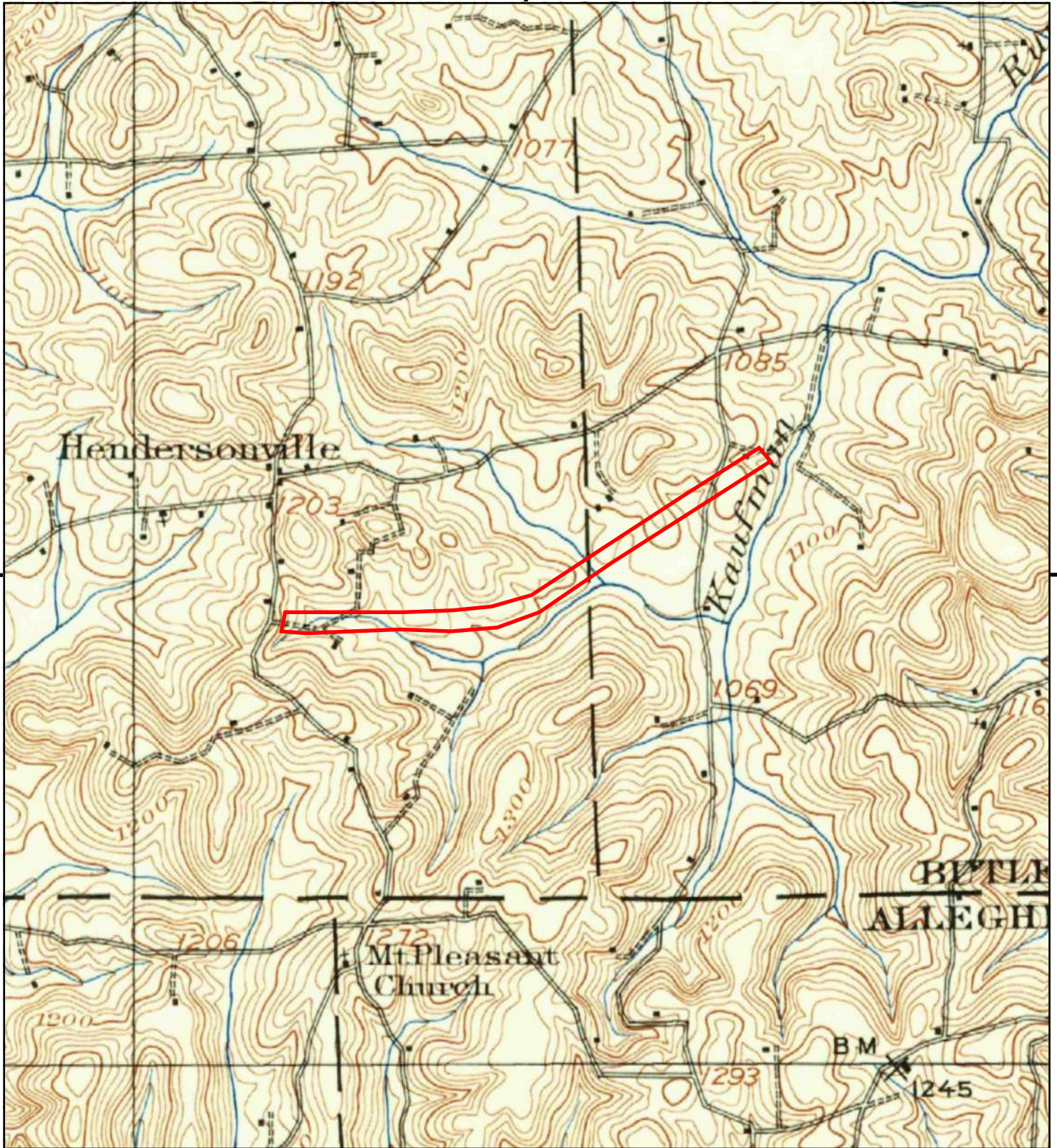


TP, Sewickley, 1908, 15-minute

SITE NAME: SR 0228 Mars - Franklin Rd To Myoma R  
 ADDRESS: 1001 PA-228  
 Cranberry Township, PA 16066  
 CLIENT: The Markosky Engineering Group Inc







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



TP, Sewickley, 1906, 15-minute

SITE NAME: SR 0228 Mars - Franklin Rd To Myoma R  
 ADDRESS: 1001 PA-228  
 Cranberry Township, PA 16066  
 CLIENT: The Markosky Engineering Group Inc





**SR 0228 Mars - Franklin Rd To Myoma Road**

1001 PA-228

Cranberry Township, PA 16066

Inquiry Number: 4883746.2s

March 20, 2017

## The EDR Radius Map™ Report with GeoCheck®



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



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

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## EXECUTIVE SUMMARY

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

### TARGET PROPERTY INFORMATION

#### ADDRESS

1001 PA-228  
CRANBERRY TOWNSHIP, PA 16066

#### COORDINATES

Latitude (North):	40.6899200 - 40° 41' 23.71"
Longitude (West):	80.0533520 - 80° 3' 12.06"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	579989.2
UTM Y (Meters):	4504555.5
Elevation:	1122 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5947661 MARS, PA
Version Date:	2013

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150522, 20150914, 20150731
Source:	USDA

# MAPPED SITES SUMMARY

## Target Property Address:

1001 PA-228

CRANBERRY TOWNSHIP, PA 16046

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">1</a>	CONCAST METAL PRODUC	MARS & MYOMA RDS	MANIFEST	Lower	1 ft.
<a href="#">A2</a>		1565 ROUTE 228	EDR Hist Auto	Higher	1 ft.
<a href="#">A3</a>	CW GRABENSTEIN	1565 RTE 228	MANIFEST	Higher	1 ft.
<a href="#">B4</a>	SUNOCO 0323 6783	675 CASTLE CREEK DR	RCRA-CESQG, LUST, ARCHIVE AST, FINDS, MANIFEST,...	Higher	40, 0.008, WSW
<a href="#">B5</a>	SUNOCO 0323 6783	675 CASTLE CREEK DR	UST	Higher	40, 0.008, WSW
<a href="#">C6</a>		1655 ROUTE 228	EDR Hist Auto	Higher	58, 0.011, WSW
<a href="#">C7</a>	GRABENSTEIN TEXACO	1655 ROUTE 228	UST	Higher	58, 0.011, WSW
<a href="#">D8</a>	RITE AID # 10987	100 SEVEN FIELDS BLV	MANIFEST	Lower	71, 0.013, WSW
<a href="#">D9</a>	RITE AID NO 10987	100 SEVEN FIELDS BLV	RCRA-CESQG, FINDS, ECHO	Lower	71, 0.013, WSW
<a href="#">B10</a>		673 CASTLE CREEK DR	EDR Hist Cleaner	Higher	207, 0.039, WSW
<a href="#">B11</a>		673 CASTLE CREEK DR	EDR Hist Cleaner	Higher	207, 0.039, WSW
<a href="#">D12</a>	REX ENERGY	310 SEVEN FIELDS BOU	MANIFEST	Lower	246, 0.047, WSW
<a href="#">D13</a>	GETGO 3668	204 7 FIELDS BLVD	UST	Lower	287, 0.054, WSW
<a href="#">14</a>		900 ADAMS SHOPPES	EDR Hist Cleaner	Lower	302, 0.057, SSW
<a href="#">E15</a>	7 ELEVEN 36147	1559 ROUTE 228	UST	Higher	333, 0.063, WSW
<a href="#">E16</a>	7 ELEVEN STORE NO 17	1659 ROUTE 288	MANIFEST	Higher	333, 0.063, WSW
<a href="#">E17</a>	7 ELEVEN NO 171	1659 ROUTE 228	MANIFEST	Higher	333, 0.063, WSW
<a href="#">18</a>	HESPENHEIDE FARM	RTE 228	LUST	Lower	444, 0.084, ENE
<a href="#">19</a>	REX ENERGY	310 SEVEN FIELDS BLV	MANIFEST	Lower	776, 0.147, West



## EXECUTIVE SUMMARY

### TARGET PROPERTY SEARCH RESULTS

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

### DATABASES WITH NO MAPPED SITES

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

### STANDARD ENVIRONMENTAL RECORDS

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

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

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

Delisted NPL..... National Priority List Deletions

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

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

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

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

#### ***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

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

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

## EXECUTIVE SUMMARY

### ***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***

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

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

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

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

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

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

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

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

## EXECUTIVE SUMMARY

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

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

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

ARCHIVE UST..... Archived Underground Storage Tank Sites  
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  
SPILLS..... State spills

### **Other Ascertainable Records**

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated  
FUDS..... Formerly Used Defense Sites  
DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
US FIN ASSUR..... Financial Assurance Information  
EPA WATCH LIST..... EPA WATCH LIST  
2020 COR ACTION..... 2020 Corrective Action Program List  
TSCA..... Toxic Substances Control Act  
TRIS..... Toxic Chemical Release Inventory System  
SSTS..... Section 7 Tracking Systems  
ROD..... Records Of Decision  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
PRP..... Potentially Responsible Parties  
PADS..... PCB Activity Database System  
ICIS..... Integrated Compliance Information System  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
MLTS..... Material Licensing Tracking System  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
RADINFO..... Radiation Information Database  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
DOT OPS..... Incident and Accident Data  
CONSENT..... Superfund (CERCLA) Consent Decrees  
INDIAN RESERV..... Indian Reservations  
FUSRAP..... Formerly Utilized Sites Remedial Action Program  
UMTRA..... Uranium Mill Tailings Sites  
LEAD SMELTERS..... Lead Smelter Sites  
US AIRS..... Aerometric Information Retrieval System Facility Subsystem  
US MINES..... Mines Master Index File



## EXECUTIVE SUMMARY

FINDS.....	Facility Index System/Facility Registry System
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
AIRS.....	Permit and Emissions Inventory Data
DRYCLEANERS.....	Drycleaner Facility Locations
MINES.....	MINES
NPDES.....	NPDES Permit Listing
UIC.....	Underground Injection Wells
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
ABANDONED MINES.....	Abandoned Mines

### EDR HIGH RISK HISTORICAL RECORDS

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

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

### EDR RECOVERED GOVERNMENT ARCHIVES

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

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

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

### STANDARD ENVIRONMENTAL RECORDS

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

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 12/12/2016 has revealed that there are

## EXECUTIVE SUMMARY

2 RCRA-CESQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SUNOCO 0323 6783</b>	<b>675 CASTLE CREEK DR</b>	<b>WSW 0 - 1/8 (0.008 mi.)</b>	<b>B4</b>	<b>13</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>RITE AID NO 10987</b>	<b>100 SEVEN FIELDS BLV</b>	<b>WSW 0 - 1/8 (0.013 mi.)</b>	<b>D9</b>	<b>28</b>

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

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

A review of the LUST list, as provided by EDR, and dated 12/12/2016 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SUNOCO 0323 6783</b> Facility Id: 584142	<b>675 CASTLE CREEK DR</b>	<b>WSW 0 - 1/8 (0.008 mi.)</b>	<b>B4</b>	<b>13</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HESPENHEIDE FARM</b> Facility Id: 584337	<b>RTE 228</b>	<b>ENE 0 - 1/8 (0.084 mi.)</b>	<b>18</b>	<b>40</b>

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

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

A review of the UST list, as provided by EDR, and dated 12/01/2016 has revealed that there are 4 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SUNOCO 0323 6783</b> Site ID: 567837 Tank Status: Currently In Use	<b>675 CASTLE CREEK DR</b>	<b>WSW 0 - 1/8 (0.008 mi.)</b>	<b>B5</b>	<b>23</b>
<b>GRABENSTEIN TEXACO</b> Site ID: 567811 Tank Status: Temporarily Out of Use	<b>1655 ROUTE 228</b>	<b>WSW 0 - 1/8 (0.011 mi.)</b>	<b>C7</b>	<b>24</b>
<b>7 ELEVEN 36147</b> Site ID: 567812 Tank Status: Currently In Use	<b>1559 ROUTE 228</b>	<b>WSW 0 - 1/8 (0.063 mi.)</b>	<b>E15</b>	<b>33</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GETGO 3668</b>	<b>204 7 FIELDS BLVD</b>	<b>WSW 0 - 1/8 (0.054 mi.)</b>	<b>D13</b>	<b>32</b>

## EXECUTIVE SUMMARY

Site ID: 654839  
Tank Status: Currently In Use

### ADDITIONAL ENVIRONMENTAL RECORDS

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

MANIFEST: Hazardous waste manifest information.

A review of the MANIFEST list, as provided by EDR, and dated 12/31/2015 has revealed that there are 8 MANIFEST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CW GRABENSTEIN Generator EPA Id: PADEP0013085	1565 RTE 228	0 - 1/8 (0.000 mi.)	A3	12
<b>SUNOCO 0323 6783</b> Generator EPA Id: PAR000502815	<b>675 CASTLE CREEK DR</b>	<b>WSW 0 - 1/8 (0.008 mi.)</b>	<b>B4</b>	<b>13</b>
7 ELEVEN STORE NO 17 Generator EPA Id: PADEP0013761	1659 ROUTE 288	WSW 0 - 1/8 (0.063 mi.)	E16	34
7 ELEVEN NO 171 Generator EPA Id: PADEP0014960	1659 ROUTE 228	WSW 0 - 1/8 (0.063 mi.)	E17	39
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CONCAST METAL PRODUC Generator EPA Id: PAD000765651	MARS & MYOMA RDS	0 - 1/8 (0.000 mi.)	1	8
RITE AID # 10987 Generator EPA Id: PAR000542183	100 SEVEN FIELDS BLV	WSW 0 - 1/8 (0.013 mi.)	D8	25
REX ENERGY Generator EPA Id: PADEP0017417	310 SEVEN FIELDS BOU	WSW 0 - 1/8 (0.047 mi.)	D12	31
REX ENERGY Generator EPA Id: PADEP0017417	310 SEVEN FIELDS BLV	W 1/8 - 1/4 (0.147 mi.)	19	41

### EDR HIGH RISK HISTORICAL RECORDS

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

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



## EXECUTIVE SUMMARY

sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	1565 ROUTE 228	0 - 1/8 (0.000 mi.)	A2	12
Not reported	1655 ROUTE 228	WSW 0 - 1/8 (0.011 mi.)	C6	24

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

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

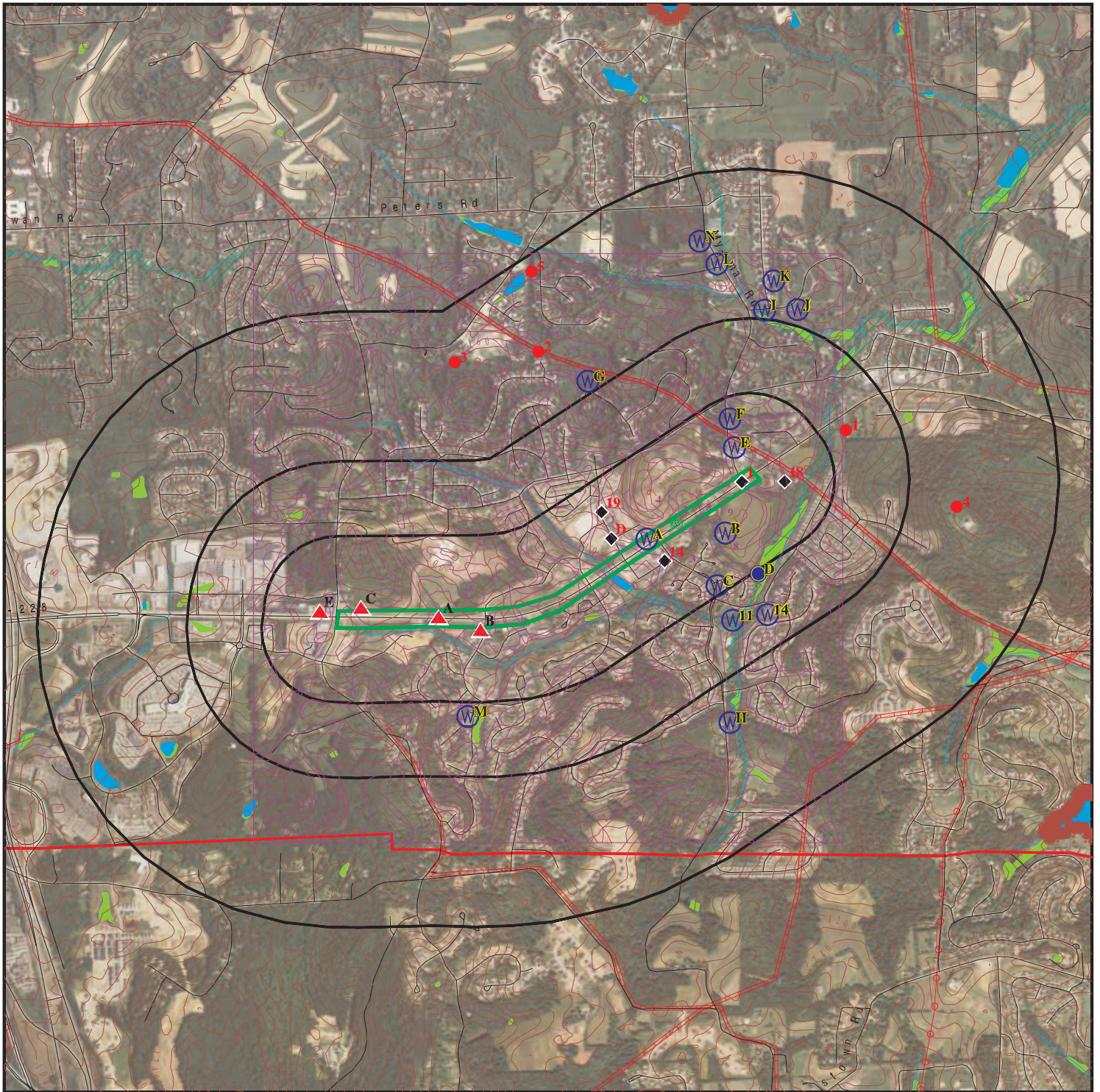
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	673 CASTLE CREEK DR	WSW 0 - 1/8 (0.039 mi.)	B10	30
Not reported	673 CASTLE CREEK DR	WSW 0 - 1/8 (0.039 mi.)	B11	31
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	900 ADAMS SHOPPES	SSW 0 - 1/8 (0.057 mi.)	14	33

## EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
WARRENDALE PLATING CO	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA NonGen / NLR, 2020 COR ACTION
ROESSING BRONZE	SEMS-ARCHIVE

# OVERVIEW MAP - 4883746.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

County Boundary

Power transmission lines

Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands



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

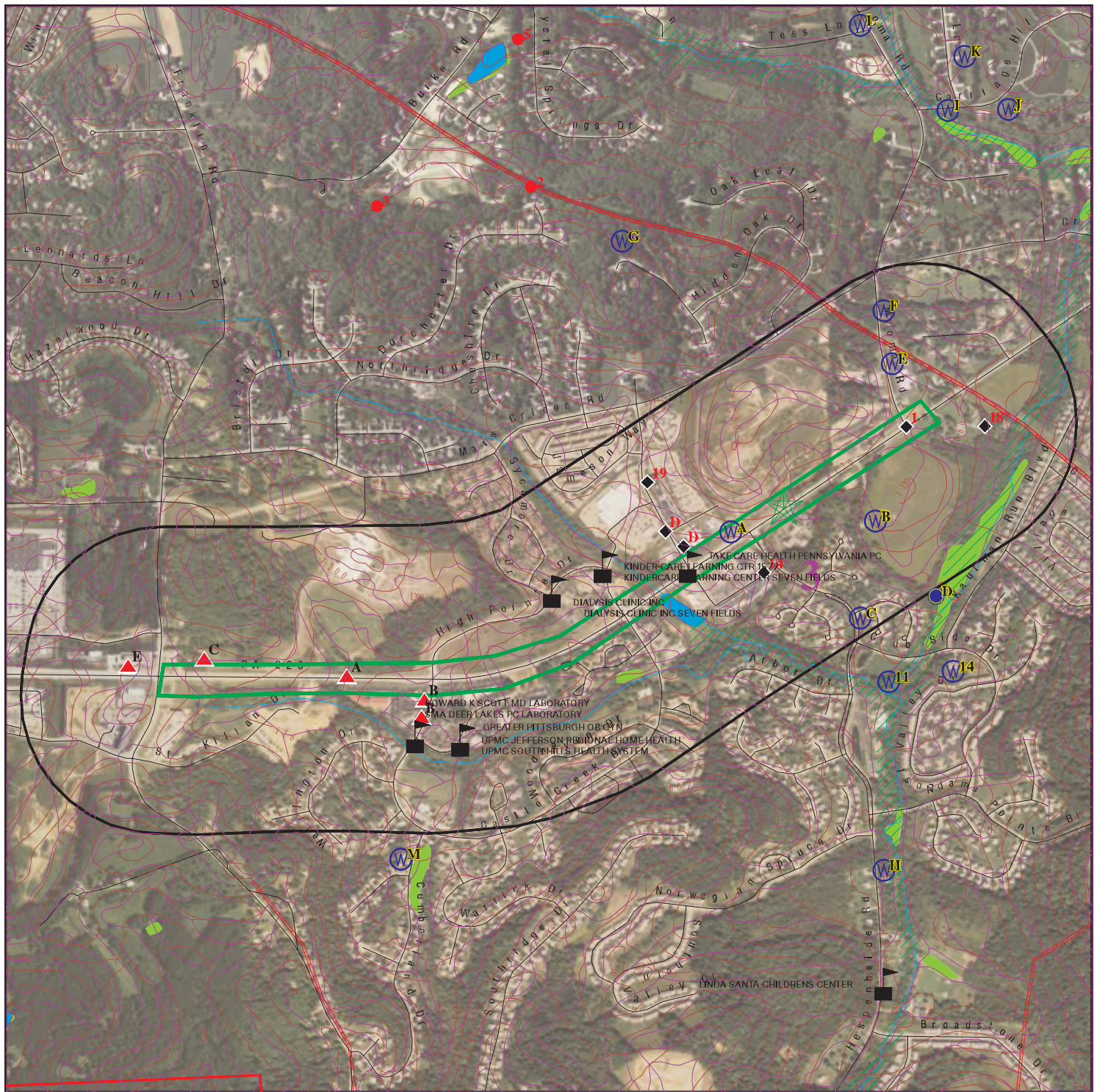
SITE NAME: SR 0228 Mars - Franklin Rd To Myoma Road  
ADDRESS: 1001 PA-228  
Cranberry Township PA 16066  
LAT/LONG: 40.68992 / 80.053352

CLIENT: The Markosky Engineering Group Inc  
CONTACT: Amanda Brown  
INQUIRY #: 4883746.2s  
DATE: March 20, 2017 8:06 pm

Appendix E - EDR Report - Franklin Road to Myoma Road



# DETAIL MAP - 4883746.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

County Boundary

Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

0 1/4 1/2 1 Miles



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: SR 0228 Mars - Franklin Rd To Myoma Road  
ADDRESS: 1001 PA-228  
Cranberry Township PA 16066  
LAT/LONG: 40.68992 / 80.053352

CLIENT: The Markosky Engineering Group Inc  
CONTACT: Amanda Brown  
INQUIRY #: 4883746.2s  
DATE: March 20, 2017 8:08 pm

Appendix E - EDR Report - Franklin Road to Myoma Road

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		2	0	NR	NR	NR	2
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL</i></b>								
SHWS	1.000		0	0	0	0	NR	0
HSCA	1.000		0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LAST	0.500		0	0	0	NR	NR	0
LUST	0.500		2	0	0	NR	NR	2
INDIAN LUST	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
UNREG LTANKS	0.500		0	0	0	NR	NR	0
<b>State and tribal registered storage tank lists</b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		4	0	NR	NR	NR	4
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
AUL	0.500		0	0	0	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
ARCHIVE UST	0.250		0	0	NR	NR	NR	0
ARCHIVE AST	TP		NR	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
ACT 2-DEED	0.500		0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
MANIFEST	0.250		7	1	NR	NR	NR	8
MINES	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.500		0	0	0	NR	NR	0

### **EDR HIGH RISK HISTORICAL RECORDS**

#### **EDR Exclusive Records**

EDR MGP	1.000		0	0	0	0	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
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		3	NR	NR	NR	NR	3
<b><u>EDR RECOVERED GOVERNMENT ARCHIVES</u></b>								
<b><i>Exclusive Recovered Govt. Archives</i></b>								
RGA HWS	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	20	1	0	0	0	21

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

1  
CONCAST METAL PRODUCTS  
MARS & MYOMA RDS  
MARS, PA 16046  
1 ft.

MANIFEST S111771876  
N/A

Relative:  
Lower

Actual:  
1097 ft.

Manifest Details:

Year: 2005  
Manifest Number: NYG3289473  
Manifest Type: Generator Copy  
Generator EPA Id: PAD000765651  
Generator Date: 04/06/2005  
Mailing Address: PO BOX 816  
Mailing City,St,Zip: MARS, PA 16046  
Contact Name: ALFRED BARBOUR  
Contact Phone: 412-538-4000  
TSD EPA Id: NYD049836679  
TSD Date: 04/07/2005  
TSD Facility Name: C W M CHEMICAL SERVICES LLC  
TSD Facility Address: 1550 BALMER RD  
TSD Facility City: MODEL CITY  
TSD Facility State: NY  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D008  
Container Number: 24  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 19450  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: OHD009865825  
Date TSP Sig: 04/06/2005

Year: 2005  
Manifest Number: NYG3289356  
Manifest Type: TSD Copy  
Generator EPA Id: PAD000765651  
Generator Date: 02/04/2005  
Mailing Address: PO BOX 816  
Mailing City,St,Zip: MARS, PA 16046  
Contact Name: ALFRED BARBOUR  
Contact Phone: 412-538-4000  
TSD EPA Id: NYD049836679  
TSD Date: 02/07/2005  
TSD Facility Name: C W M CHEMICAL SERVICES LLC  
TSD Facility Address: 1550 BALMER RD  
TSD Facility City: MODEL CITY  
TSD Facility State: NY  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D008  
Container Number: 24  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 15095  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: OHD009865825  
Date TSP Sig: 02/04/2005



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONCAST METAL PRODUCTS (Continued)**

**S111771876**

Year: 2005  
Manifest Number: NYG3289473  
Manifest Type: Generator Copy  
Generator EPA Id: PAD000765651  
Generator Date: 04/06/2005  
Mailing Address: PO BOX 816  
Mailing City,St,Zip: MARS, PA 16046  
Contact Name: ALFRED BARBOUR  
Contact Phone: 412-538-4000  
TSD EPA Id: NYD049836679  
TSD Date: 04/07/2005  
TSD Facility Name: C W M CHEMICAL SERVICES LLC  
TSD Facility Address: 1550 BALMER RD  
TSD Facility City: MODEL CITY  
TSD Facility State: NY  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D006  
Container Number: 24  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 19450  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: OHD009865825  
Date TSP Sig: 04/06/2005

Year: 2005  
Manifest Number: NYG3289356  
Manifest Type: TSD Copy  
Generator EPA Id: PAD000765651  
Generator Date: 02/04/2005  
Mailing Address: PO BOX 816  
Mailing City,St,Zip: MARS, PA 16046  
Contact Name: ALFRED BARBOUR  
Contact Phone: 412-538-4000  
TSD EPA Id: NYD049836679  
TSD Date: 02/07/2005  
TSD Facility Name: C W M CHEMICAL SERVICES LLC  
TSD Facility Address: 1550 BALMER RD  
TSD Facility City: MODEL CITY  
TSD Facility State: NY  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D006  
Container Number: 24  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 15095  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: OHD009865825  
Date TSP Sig: 02/04/2005

Year: 2004  
Manifest Number: NYG3289293  
Manifest Type: Generator Copy

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONCAST METAL PRODUCTS (Continued)**

**S111771876**

Generator EPA Id: PAD000765651  
Generator Date: 10/08/2004  
Mailing Address: PO BOX 816  
Mailing City,St,Zip: MARS, PA 16046  
Contact Name: ALFRED BARBOUR  
Contact Phone: 412-538-4000  
TSD EPA Id: NYD049836679  
TSD Date: 10/11/2004  
TSD Facility Name: C W M CHEMICAL SERVICES LLC  
TSD Facility Address: 1550 BALMER RD  
TSD Facility City: MODEL CITY  
TSD Facility State: NY  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D008  
Container Number: 24  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 13744  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: PAD987358587  
Date TSP Sig: 10/08/2004

Year: 2004  
Manifest Number: NYG3289293  
Manifest Type: Generator Copy  
Generator EPA Id: PAD000765651  
Generator Date: 10/08/2004  
Mailing Address: PO BOX 816  
Mailing City,St,Zip: MARS, PA 16046  
Contact Name: ALFRED BARBOUR  
Contact Phone: 412-538-4000  
TSD EPA Id: NYD049836679  
TSD Date: 10/11/2004  
TSD Facility Name: C W M CHEMICAL SERVICES LLC  
TSD Facility Address: 1550 BALMER RD  
TSD Facility City: MODEL CITY  
TSD Facility State: NY  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D006  
Container Number: 24  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 13744  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: PAD987358587  
Date TSP Sig: 10/08/2004

Year: 2004  
Manifest Number: NYG3289455  
Manifest Type: Generator Copy  
Generator EPA Id: PAD000765651  
Generator Date: 12/01/2004  
Mailing Address: PO BOX 816

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONCAST METAL PRODUCTS (Continued)**

**S111771876**

Mailing City,St,Zip: MARS, PA 16046  
Contact Name: ALFRED BARBOUR  
Contact Phone: 412-538-4000  
TSD EPA Id: NYD049836679  
TSD Date: 12/02/2004  
TSD Facility Name: C W M CHEMICAL SERVICES LLC  
TSD Facility Address: 1550 BALMER RD  
TSD Facility City: MODEL CITY  
TSD Facility State: NY  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D008  
Container Number: 24  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 14630  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: OHD009865825  
Date TSP Sig: 12/01/2004  
  
Year: 2004  
Manifest Number: NYG3289455  
Manifest Type: Generator Copy  
Generator EPA Id: PAD000765651  
Generator Date: 12/01/2004  
Mailing Address: PO BOX 816  
Mailing City,St,Zip: MARS, PA 16046  
Contact Name: ALFRED BARBOUR  
Contact Phone: 412-538-4000  
TSD EPA Id: NYD049836679  
TSD Date: 12/02/2004  
TSD Facility Name: C W M CHEMICAL SERVICES LLC  
TSD Facility Address: 1550 BALMER RD  
TSD Facility City: MODEL CITY  
TSD Facility State: NY  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D006  
Container Number: 24  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 14630  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: OHD009865825  
Date TSP Sig: 12/01/2004



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

A2 1565 ROUTE 228 EDR Hist Auto 1015248238  
< 1/8 CRANBERRY TWP, PA 16066 N/A  
1 ft.

Site 1 of 2 in cluster A

Relative: EDR Historical Auto Stations:  
Higher Name: GRABENSTEIN TEXACO  
Year: 2001  
Actual: Address: 1565 ROUTE 228  
1145 ft.

A3 CW GRABENSTEIN MANIFEST S108850417  
1565 RTE 228 N/A  
< 1/8 CRANBERRY TWP, PA 16066  
1 ft.

Site 2 of 2 in cluster A

Relative: Manifest Details:  
Higher Year: 2006  
Manifest Number: 000119316JJK  
Actual: Manifest Type: TSD Copy  
1145 ft. Generator EPA Id: PADEP0013085  
Generator Date: 09/15/2006  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: PAD987283140  
TSD Date: Not reported  
TSD Facility Name: UNITED ENVIRONMENTAL GROUP INC  
TSD Facility Address: 241 MCALEER ROAD  
TSD Facility City: SEWICKLEY  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D001  
Container Number: 3  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 150  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported  
  
Year: 2006  
Manifest Number: 000119316JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PADEP0013085  
Generator Date: 09/15/2006  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: PAD987283140  
TSD Date: Not reported  
TSD Facility Name: UNITED ENVIRONMENTAL GROUP INC  
TSD Facility Address: 241 MCALEER ROAD  
TSD Facility City: SEWICKLEY  
TSD Facility State: PA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CW GRABENSTEIN (Continued)**

**S108850417**

Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D018  
Container Number: 3  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 150  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

**B4  
WSW  
< 1/8  
0.008 mi.  
40 ft.**

**SUNOCO 0323 6783  
675 CASTLE CREEK DR  
SEVEN FIELDS, PA 16046**

**Site 1 of 4 in cluster B**

**RCRA-CESQG  
LUST  
ARCHIVE AST  
FINDS  
MANIFEST  
ECHO**

**1004778453  
PAR000502815**

**Relative:  
Higher**

RCRA-CESQG:

Date form received by agency: 07/18/2011

**Actual:  
1128 ft.**

Facility name: SUNOCO SS 0323-6783 CO-OP 7609  
Facility address: 675 CASTLE CREEK DR

SEVEN FIELDS, PA 16046

EPA ID: PAR000502815

Mailing address: 1735 MARKET ST 12TH FLR  
PHILADELPHIA, PA 19103

Contact: BRYAN J GIRAN

Contact address: Not reported

Not reported

Contact country: US

Contact telephone: (215) 977-6580

Contact email: BJGIRAN@SUNOCOINC.COM

EPA Region: 03

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: SUNOCO INC

Owner/operator address: 1735 MARKET ST 12TH FLR  
PHILADELPHIA, PA 19103

Owner/operator country: US

Owner/operator telephone: Not reported

Legal status: Private

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO 0323 6783 (Continued)**

**1004778453**

Owner/Operator Type: Owner  
Owner/Op start date: 05/15/2001  
Owner/Op end date: Not reported

Owner/operator name: SUNOCO INC  
Owner/operator address: 1801 MARKET ST 20/10PC  
PHILADELPHIA, PA 19103

Owner/operator country: Not reported  
Owner/operator telephone: (215) 977-6212  
Legal status: Private

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

Owner/operator name: SUNOCO INC  
Owner/operator address: Not reported  
Not reported

Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private

Owner/Operator Type: Operator  
Owner/Op start date: 05/15/2001  
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: D001  
. Waste name: IGNITABLE WASTE

. Waste code: D018  
. Waste name: BENZENE

Historical Generators:

Date form received by agency: 02/16/2006  
Site name: SUNOCO SS 0323-6783 CO-OP 7609  
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001  
. Waste name: IGNITABLE WASTE

. Waste code: D018



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO 0323 6783 (Continued)**

**1004778453**

. Waste name: BENZENE

Date form received by agency: 06/03/2004

Site name: SUNOCO SVC STA 03236783

Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D018

. Waste name: BENZENE

Date form received by agency: 05/18/2001

Site name: SUNOCO SVC STA 03236783

Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D018

. Waste name: BENZENE

Violation Status: No violations found

**LUST:**

Region: EP NW Rgnl Off Meadville

Municipality: Seven Fields Boro

Facility Id: 584142

Facility Type: Underground Storage Tank Containing Petroleum

**Facility Status: Cleanup Completed**

Status Date: 03/06/2006

Confirmed Date: 02/17/2006

Program Other Id: 10-37084

Client: SUNOCO RETAIL LLC

Incident Id: 36832

Incident Desc: Not reported

Suspect Date: Not reported

Source Of Notification: INSTL

Release Discovered: CONST

Source Cause Of Release: Not reported

Tank: Not reported

Impact Desc: Soil

Substance: Unleaded Gasoline

CAS RN: Not reported

Chemical: Not reported

Comments: Not reported

Horizontal Ref Datum: WGS84

Altitude Datum: Not reported

Latitude: 40.068250

Longitude: -80.0660

Region: EP NW Rgnl Off Meadville

Municipality: Seven Fields Boro

Facility Id: 584142

Facility Type: Underground Storage Tank Containing Petroleum

**Facility Status: Cleanup Completed**

Status Date: 10/14/2011

Confirmed Date: 03/16/2009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO 0323 6783 (Continued)**

**1004778453**

Program Other Id: 10-37084  
Client: SUNOCO RETAIL LLC  
Incident Id: 42969  
Incident Desc: Not reported  
Suspect Date: Not reported  
Source Of Notification: UNDTD  
Release Discovered: MWELL  
Source Cause Of Release: Not reported  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: MTBE  
CAS RN: 1634-04-4  
Chemical: METHYL TERT-BUTYL ETHER (MTBE)  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.068250  
Longitude: -80.0660  
  
Region: EP NW Rgnl Off Meadville  
Municipality: Seven Fields Boro  
Facility Id: 584142  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Cleanup Completed**  
Status Date: 10/14/2011  
Confirmed Date: 03/16/2009  
Program Other Id: 10-37084  
Client: SUNOCO RETAIL LLC  
Incident Id: 42969  
Incident Desc: Not reported  
Suspect Date: Not reported  
Source Of Notification: UNDTD  
Release Discovered: MWELL  
Source Cause Of Release: Not reported  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Unleaded Gasoline  
CAS RN: 71-43-2  
Chemical: BENZENE  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.068250  
Longitude: -80.0660

ARCHIVE AST:  
Facility ID: 10-37084  
Site ID: 567837  
Client ID: 83455  
Municipality: Seven Fields  
Region Name: EP NW Rgnl Off Meadville  
Owner ID: Not reported  
Owner Name: Not reported  
Owner Phone: Not reported  
Owner Address: Not reported  
Owner Address 2: Not reported  
Owner City,St,Zip: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO 0323 6783 (Continued)**

**1004778453**

Owner County Code: Not reported  
Resp Party Name: SUNOCO CHEMICALS INC  
RP Address: 1735 MARKET ST FL 12  
RP Address 2: Not reported  
RP City,St,Zip: PHILADELPHIA, PA 19103-7505  
Regulated Exp Date: 12/04/2014

Tank ID: Not reported  
Tank Sequence #: 004A  
Install Date: 10/01/1995  
Status: Currently In Use  
Status Code End Date: Not reported  
Capacity: 3000  
Substance: DIESEL  
Tank Substance End Date: Not reported  
Tank Code: AST  
Inspection Code: IS  
Last Inspection: 08/26/2010

Tank ID: Not reported  
Tank Sequence #: 003A  
Install Date: 01/01/1996  
Status: Currently In Use  
Status Code End Date: Not reported  
Capacity: 12000  
Substance: GAS  
Tank Substance End Date: Not reported  
Tank Code: AST  
Inspection Code: IS  
Last Inspection: 08/26/2010

Tank ID: Not reported  
Tank Sequence #: 002A  
Install Date: 01/01/1996  
Status: Currently In Use  
Status Code End Date: Not reported  
Capacity: 12000  
Substance: GAS  
Tank Substance End Date: Not reported  
Tank Code: AST  
Inspection Code: IS  
Last Inspection: 08/26/2010

Tank ID: Not reported  
Tank Sequence #: 001A  
Install Date: 01/01/1996  
Status: Currently In Use  
Status Code End Date: Not reported  
Capacity: 9000  
Substance: GAS  
Tank Substance End Date: Not reported  
Tank Code: AST  
Inspection Code: IS  
Last Inspection: 08/26/2010



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO 0323 6783 (Continued)**

**1004778453**

**FINDS:**

Registry ID: 110006538121

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**HAZARDOUS WASTE BIENNIAL REPORTER**

**Manifest Details:**

Year: 2014  
Manifest Number: 010880106JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000502815  
Generator Date: 08/22/2014  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 215-977-6580  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Veolia ES Technical Solutions  
TSD Facility Address: 4301 Infirmary Rd  
TSD Facility City: West Carrollton  
TSD Facility State: OH  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D001  
Container Number: 7  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 400  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: OHD093945293  
Date TSP Sig: Not reported

Year: 2014  
Manifest Number: 010880106JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000502815  
Generator Date: 08/22/2014  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 215-977-6580  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Veolia ES Technical Solutions  
TSD Facility Address: 4301 Infirmary Rd

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO 0323 6783 (Continued)**

**1004778453**

TSD Facility City: West Carrollton  
TSD Facility State: OH  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D018  
Container Number: 7  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 400  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: OHD093945293  
Date TSP Sig: Not reported

Year: 2013  
Manifest Number: 010943266JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000502815  
Generator Date: 08/01/2013  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 215-977-6580  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Veolia ES Technical Solutions  
TSD Facility Address: 4301 Infirmary Rd  
TSD Facility City: West Carrollton  
TSD Facility State: OH  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D001  
Container Number: 1  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 40  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: OHD093945293  
Date TSP Sig: Not reported

Year: 2013  
Manifest Number: 010943266JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000502815  
Generator Date: 08/01/2013  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 215-977-6580  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Veolia ES Technical Solutions  
TSD Facility Address: 4301 Infirmary Rd  
TSD Facility City: West Carrollton  
TSD Facility State: OH  
Facility Telephone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO 0323 6783 (Continued)**

**1004778453**

Page Number: 1  
Line Number: 2  
Waste Number: D018  
Container Number: 1  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 100  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: OHD093945293  
Date TSP Sig: Not reported

Year: 2013  
Manifest Number: 010943266JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000502815  
Generator Date: 08/01/2013  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 215-977-6580  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Veolia ES Technical Solutions  
TSD Facility Address: 4301 Infirmary Rd  
TSD Facility City: West Carrollton  
TSD Facility State: OH  
Facility Telephone: Not reported

Page Number: 1  
Line Number: 2  
Waste Number: D001  
Container Number: 1  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 100  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: OHD093945293  
Date TSP Sig: Not reported

Year: 2013  
Manifest Number: 010943266JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000502815  
Generator Date: 08/01/2013  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 215-977-6580  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Veolia ES Technical Solutions  
TSD Facility Address: 4301 Infirmary Rd  
TSD Facility City: West Carrollton  
TSD Facility State: OH  
Facility Telephone: Not reported

Page Number: 1  
Line Number: 1  
Waste Number: D018



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO 0323 6783 (Continued)**

**1004778453**

Container Number: 1  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 40  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: OHD093945293  
Date TSP Sig: Not reported

Year: 2012  
Manifest Number: 009588369JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000502815  
Generator Date: 10/08/2012  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 215-977-6580  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: UNITED ENVIRONMENTAL GROUP INC  
TSD Facility Address: 241 MCALEER ROAD  
TSD Facility City: SEWICKLEY  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D001  
Container Number: 1  
Container Type: Cargo tanks (tank trucks)  
Waste Quantity: 50  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: PAD987283140  
Date TSP Sig: Not reported

Year: 2012  
Manifest Number: 009588369JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000502815  
Generator Date: 10/08/2012  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 215-977-6580  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: UNITED ENVIRONMENTAL GROUP INC  
TSD Facility Address: 241 MCALEER ROAD  
TSD Facility City: SEWICKLEY  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D018  
Container Number: 1  
Container Type: Cargo tanks (tank trucks)  
Waste Quantity: 50

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO 0323 6783 (Continued)**

**1004778453**

Unit:	Gallons (liquids only)
Handling Code:	Not reported
TSP EPA Id:	PAD987283140
Date TSP Sig:	Not reported
Year:	2012
Manifest Number:	008949108JJK
Manifest Type:	TSD Copy
Generator EPA Id:	PAR000502815
Generator Date:	10/05/2012
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	215-977-6580
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	UNITED ENVIRONMENTAL GROUP INC
TSD Facility Address:	241 MCALEER ROAD
TSD Facility City:	SEWICKLEY
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D001
Container Number:	1
Container Type:	Cargo tanks (tank trucks)
Waste Quantity:	552
Unit:	Gallons (liquids only)
Handling Code:	Not reported
TSP EPA Id:	PAD987283140
Date TSP Sig:	Not reported
Year:	2012
Manifest Number:	008949108JJK
Manifest Type:	TSD Copy
Generator EPA Id:	PAR000502815
Generator Date:	10/05/2012
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	215-977-6580
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	UNITED ENVIRONMENTAL GROUP INC
TSD Facility Address:	241 MCALEER ROAD
TSD Facility City:	SEWICKLEY
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D018
Container Number:	1
Container Type:	Cargo tanks (tank trucks)
Waste Quantity:	552
Unit:	Gallons (liquids only)
Handling Code:	Not reported
TSP EPA Id:	PAD987283140

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO 0323 6783 (Continued)**

**1004778453**

Date TSP Sig: Not reported

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

**ECHO:**

Envid: 1004778453  
Registry ID: 110006538121  
DFR URL: [http://echo.epa.gov/detailed\\_facility\\_report?fid=110006538121](http://echo.epa.gov/detailed_facility_report?fid=110006538121)

**B5  
WSW  
< 1/8  
0.008 mi.  
40 ft.**

**SUNOCO 0323 6783  
675 CASTLE CREEK DR  
SEVEN FIELDS, PA 16046**

**UST U004225693  
N/A**

**Site 2 of 4 in cluster B**

**Relative:  
Higher**

**UST:**

**Actual:  
1128 ft.**

Site ID: 567837  
Other Id: 10-37084  
Client Id Number: 327054  
Municipality Name: Seven Fields  
Region: EP NW Rgnl Off Meadville  
Mailing Name: SUNOCO RETAIL LLC  
Mailing Address: 3801 WEST CHESTER PIKE  
Mailing Address 2: Not reported  
Mailing City, St, Zip: NEWTOWN SQUARE, PA 19073  
Registration Expiration Date: 12/04/2017

Tank Seq No: 001  
**Tank Status: Currently In Use**  
Capacity: 16000  
Substance: Gasoline  
Date Installed: 08/08/2014  
Tank Code: UST  
Inspection Code: Facility Operation Inspection  
Tank Last Dt Inspected: 07/09/2015  
Decode for Tstatus: Currently In Use  
Decode for Substance: Gasoline

Tank Seq No: 002  
**Tank Status: Currently In Use**  
Capacity: 8000  
Substance: Gasoline  
Date Installed: 08/08/2014  
Tank Code: UST  
Inspection Code: Facility Operation Inspection  
Tank Last Dt Inspected: 07/09/2015  
Decode for Tstatus: Currently In Use  
Decode for Substance: Gasoline

Tank Seq No: 003  
**Tank Status: Currently In Use**  
Capacity: 8000  
Substance: Diesel Fuel  
Date Installed: 08/08/2014



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO 0323 6783 (Continued)**

**U004225693**

Tank Code: UST  
Inspection Code: Facility Operation Inspection  
Tank Last Dt Inspected: 07/09/2015  
Decode for Tstatus: Currently In Use  
Decode for Substance: Diesel Fuel

**C6**  
**WSW**  
**< 1/8**  
**0.011 mi.**  
**58 ft.**

**1655 ROUTE 228**  
**CRANBERRY TWP, PA 16066**

**EDR Hist Auto 1015260969**  
**N/A**

**Site 1 of 2 in cluster C**

**Relative:**  
**Higher**

**EDR Historical Auto Stations:**

Name: TEXACO  
Year: 2005  
Address: 1655 ROUTE 228

Name: TEXACO  
Year: 2006  
Address: 1655 ROUTE 228

Name: TEXACO  
Year: 2007  
Address: 1655 ROUTE 228

Name: TEXACO  
Year: 2008  
Address: 1655 ROUTE 228

Name: TEXACO  
Year: 2009  
Address: 1655 ROUTE 228

Name: GRABENSTEIN TEXACO  
Year: 2010  
Address: 1655 ROUTE 228

**C7**  
**WSW**  
**< 1/8**  
**0.011 mi.**  
**58 ft.**

**GRABENSTEIN TEXACO**  
**1655 ROUTE 228**  
**CRANBERRY TWP, PA 16066**

**UST U004121892**  
**N/A**

**Site 2 of 2 in cluster C**

**Relative:**  
**Higher**

**UST:**

Site ID: 567811  
Other Id: 10-31661  
Client Id Number: 191127  
Municipality Name: Cranberry  
Region: EP NW Rgnl Off Meadville  
Mailing Name: CW GRABENSTEIN  
Mailing Address: 1655 ROUTE 228  
Mailing Address 2: Not reported  
Mailing City,St,Zip: CRANBERRY TWP, PA 16066-5306  
Registration Expiration Date: 12/04/2017

Tank Seq No: 001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRABENSTEIN TEXACO (Continued)**

**U004121892**

**Tank Status:** **Temporarily Out of Use**  
Capacity: 6000  
Substance: Gasoline  
Date Installed: 11/01/1987  
Tank Code: UST  
Inspection Code: Facility Operation Inspection  
Tank Last Dt Inspected: 11/23/2015  
Decode for Tstatus: Temporarily Out of Use  
Decode for Substance: Gasoline

Tank Seq No: 002  
**Tank Status:** **Temporarily Out of Use**  
Capacity: 6000  
Substance: Gasoline  
Date Installed: 11/01/1987  
Tank Code: UST  
Inspection Code: Facility Operation Inspection  
Tank Last Dt Inspected: 11/23/2015  
Decode for Tstatus: Temporarily Out of Use  
Decode for Substance: Gasoline

Tank Seq No: 003  
**Tank Status:** **Temporarily Out of Use**  
Capacity: 6000  
Substance: Gasoline  
Date Installed: 11/01/1987  
Tank Code: UST  
Inspection Code: Facility Operation Inspection  
Tank Last Dt Inspected: 11/23/2015  
Decode for Tstatus: Temporarily Out of Use  
Decode for Substance: Gasoline

**D8**  
**WSW**  
**< 1/8**  
**0.013 mi.**  
**71 ft.**

**RITE AID # 10987**  
**100 SEVEN FIELDS BLVD**  
**SEVEN FIELDS, PA 16046**

**MANIFEST** **S116739033**  
**N/A**

**Site 1 of 4 in cluster D**

**Relative:**  
**Lower**

**Manifest Details:**

**Actual:**  
**1095 ft.**

Year: 2014  
Manifest Number: 012506873JJJ  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000542183  
Generator Date: 06/26/2014  
Mailing Address: Not reported  
Mailing City, St, Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: A CLEAN ENVIRONMENT  
TSD Facility Address: 2700 S 25TH WEST AVE  
TSD Facility City: TULSA  
TSD Facility State: OK  
Facility Telephone: Not reported  
Page Number: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RITE AID # 10987 (Continued)**

**S116739033**

Line Number: 1  
Waste Number: D008  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 1  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: OKD000402396  
Date TSP Sig: Not reported

Year: 2013  
Manifest Number: 010312893JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000542183  
Generator Date: 10/29/2013  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: EQ Detroit Inc  
TSD Facility Address: 1923 Frederick St  
TSD Facility City: Detroit  
TSD Facility State: MI  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: U058  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 1  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: MID980991566  
Date TSP Sig: Not reported

Year: 2013  
Manifest Number: 010312893JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000542183  
Generator Date: 10/29/2013  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: EQ Detroit Inc  
TSD Facility Address: 1923 Frederick St  
TSD Facility City: Detroit  
TSD Facility State: MI  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: U044  
Container Number: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RITE AID # 10987 (Continued)**

**S116739033**

Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 1  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: MID980991566  
Date TSP Sig: Not reported

Year: 2013  
Manifest Number: 010312893JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000542183  
Generator Date: 10/29/2013  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: EQ Detroit Inc  
TSD Facility Address: 1923 Frederick St  
TSD Facility City: Detroit  
TSD Facility State: MI  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D005  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 1  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: MID980991566  
Date TSP Sig: Not reported

Year: 2013  
Manifest Number: 010312893JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000542183  
Generator Date: 10/29/2013  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: EQ Detroit Inc  
TSD Facility Address: 1923 Frederick St  
TSD Facility City: Detroit  
TSD Facility State: MI  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 2  
Waste Number: P001  
Container Number: 1  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 2  
Unit: Pounds



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RITE AID # 10987 (Continued)**

**S116739033**

Handling Code: Not reported  
TSP EPA Id: MID980991566  
Date TSP Sig: Not reported  
  
Year: 2013  
Manifest Number: 010312893JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000542183  
Generator Date: 10/29/2013  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: EQ Detroit Inc  
TSD Facility Address: 1923 Frederick St  
TSD Facility City: Detroit  
TSD Facility State: MI  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: U035  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 1  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: MID980991566  
Date TSP Sig: Not reported

**D9**  
**WSW**  
**< 1/8**  
**0.013 mi.**  
**71 ft.**

**RITE AID NO 10987**  
**100 SEVEN FIELDS BLVD**  
**SEVEN FIELDS, PA 16046**

**RCRA-CESQG** **1016678587**  
**FINDS** **PAR000542183**  
**ECHO**

**Site 2 of 4 in cluster D**

**Relative:**  
**Lower**

RCRA-CESQG:  
Date form received by agency: 08/01/2013  
Facility name: RITE AID NO 10987  
Facility address: 100 SEVEN FIELDS BLVD  
SEVEN FIELDS, PA 16046  
  
EPA ID: PAR000542183  
Mailing address: 30 HUNTER LN  
CAMP HILL, PA 17011  
  
Contact: STEPHANIE CAIATI  
Contact address: 30 HUNTER LN  
CAMP HILL, PA 17011  
  
Contact country: US  
Contact telephone: (717) 730-8225  
Contact email: SSCAIATI@RITEAID.COM  
EPA Region: 03  
Classification: Conditionally Exempt Small Quantity Generator  
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or

**Actual:**  
**1095 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RITE AID NO 10987 (Continued)**

**1016678587**

other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

**Owner/Operator Summary:**

Owner/operator name: RITE AID CORP  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 10/19/2007  
Owner/Op end date: Not reported

Owner/operator name: ECKERD CORP  
Owner/operator address: 30 HUNTER LN  
CAMP HILL, PA 17011  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 10/19/2007  
Owner/Op end date: Not reported

**Handler Activities Summary:**

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

. Waste code: D001  
. Waste name: IGNITABLE WASTE

. Waste code: D002  
. Waste name: CORROSIVE WASTE

. Waste code: D007  
. Waste name: CHROMIUM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RITE AID NO 10987 (Continued)**

**1016678587**

- . Waste code: D009
- . Waste name: MERCURY
  
- . Waste code: D010
- . Waste name: SELENIUM
  
- . Waste code: D024
- . Waste name: M-CRESOL
  
- . Waste code: P001
- . Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
  
- . Waste code: P075
- . Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-(S)-, & SALTS

Violation Status: No violations found

**FINDS:**

Registry ID: 110059671699

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

PA-EFACTS (Pennsylvania - Environmental Facility Application Compliance Tracking System) is a Department-wide database that provides a holistic view of clients and sites (including facilities) that DEP regulates.

**ECHO:**

Envid: 1016678587  
Registry ID: 110059671699  
DFR URL: [http://echo.epa.gov/detailed\\_facility\\_report?fid=110059671699](http://echo.epa.gov/detailed_facility_report?fid=110059671699)

**B10  
WSW  
< 1/8  
0.039 mi.  
207 ft.**

**673 CASTLE CREEK DRIVE EXT  
MARS, PA 16046**

**EDR Hist Cleaner 1015086460  
N/A**

**Site 3 of 4 in cluster B**

**Relative:  
Higher**

**EDR Historical Cleaners:**

Name: RUBYS DRY CLEANERS  
Year: 2009  
Address: 673 CASTLE CREEK DRIVE EXT

**Actual:  
1128 ft.**

Name: RUBYS DRY CLEANERS  
Year: 2010  
Address: 673 CASTLE CREEK DRIVE EXT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

1015086460

Name: RUBYS DRY CLEANERS  
Year: 2011  
Address: 673 CASTLE CREEK DRIVE EXT

Name: RUBYS DRY CLEANERS  
Year: 2012  
Address: 673 CASTLE CREEK DRIVE EXT

B11  
WSW  
< 1/8  
0.039 mi.  
207 ft.

673 CASTLE CREEK DR  
MARS, PA 16046

Site 4 of 4 in cluster B

EDR Hist Cleaner 1015086461  
N/A

Relative:  
Higher

EDR Historical Cleaners:

Name: RUBYS DRY CLEANERS  
Year: 2005  
Address: 673 CASTLE CREEK DR

Actual:  
1128 ft.

Name: RUBYS DRY CLEANERS  
Year: 2008  
Address: 673 CASTLE CREEK DR

D12  
WSW  
< 1/8  
0.047 mi.  
246 ft.

REX ENERGY  
310 SEVEN FIELDS BOULEVARD  
SEVEN FIELDS, PA 16046

Site 3 of 4 in cluster D

MANIFEST S113739998  
N/A

Relative:  
Lower

Manifest Details:

Year: 2012  
Manifest Number: 005256936FLE  
Manifest Type: TSD Copy  
Generator EPA Id: PADEP0017417  
Generator Date: 10/08/2012  
Mailing Address: Not reported  
Mailing City, St, Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: PETROCHEM PROCESSING GROUP OF NORTRU LLC  
TSD Facility Address: 421 LYCASTE ST  
TSD Facility City: DETROIT  
TSD Facility State: MI  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D001  
Container Number: 1  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 450  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: MID980615298  
Date TSP Sig: Not reported

Actual:  
1099 ft.



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**D13**  
**WSW**  
**< 1/8**  
**0.054 mi.**  
**287 ft.**  
**GETGO 3668**  
**204 7 FIELDS BLVD**  
**SEVEN FIELDS, PA 16046**  
**Site 4 of 4 in cluster D**

**UST** **U003996734**  
**N/A**

**Relative:**  
**Lower**

UST:

Site ID: 654839  
Other Id: 10-39091  
Client Id Number: 125094  
Municipality Name: Seven Fields  
Region: EP NW Rgnl Off Meadville  
Mailing Name: GIANT EAGLE INC  
Mailing Address: 101 KAPPA DR  
Mailing Address 2: Not reported  
Mailing City,St,Zip: PITTSBURGH, PA 15238-2809  
Registration Expiration Date: 12/04/2017

**Actual:**  
**1098 ft.**

Tank Seq No: 001  
**Tank Status: Currently In Use**  
Capacity: 20000  
Substance: Gasoline  
Date Installed: 03/30/2005  
Tank Code: UST  
Inspection Code: Facility Operation Inspection  
Tank Last Dt Inspected: 05/23/2016  
Decode for Tstatus: Currently In Use  
Decode for Substance: Gasoline

Tank Seq No: 002  
**Tank Status: Currently In Use**  
Capacity: 10000  
Substance: Gasoline  
Date Installed: 03/30/2005  
Tank Code: UST  
Inspection Code: Facility Operation Inspection  
Tank Last Dt Inspected: 05/23/2016  
Decode for Tstatus: Currently In Use  
Decode for Substance: Gasoline

Tank Seq No: 003  
**Tank Status: Currently In Use**  
Capacity: 4000  
Substance: Kerosene  
Date Installed: 03/30/2005  
Tank Code: UST  
Inspection Code: Facility Operation Inspection  
Tank Last Dt Inspected: 05/23/2016  
Decode for Tstatus: Currently In Use  
Decode for Substance: Kerosene

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

14  
SSW  
< 1/8  
0.057 mi.  
302 ft.

900 ADAMS SHOPPES  
MARS, PA 16046

EDR Hist Cleaner 1015104059  
N/A

Relative:  
Lower

EDR Historical Cleaners:

Name: WILLIAMSBURG CLEANERS  
Year: 2011  
Address: 900 ADAMS SHOPPES

Actual:  
1089 ft.

Name: WILLIAMSBURG CLEANERS  
Year: 2012  
Address: 900 ADAMS SHOPPES

E15  
WSW  
< 1/8  
0.063 mi.  
333 ft.

7 ELEVEN 36147  
1559 ROUTE 228  
CRANBERRY TOWNSHIP, PA 16066

UST U003996666  
N/A

Site 1 of 3 in cluster E

Relative:  
Higher

UST:

Site ID: 567812  
Other Id: 10-31774  
Client Id Number: 142881  
Municipality Name: Cranberry  
Region: EP NW Rgnl Off Meadville  
Mailing Name: 7 ELEVEN INC  
Mailing Address: PO BOX 711  
Mailing Address 2: Not reported  
Mailing City,St,Zip: DALLAS, TX 75221-0711  
Registration Expiration Date: 12/04/2017

Actual:  
1200 ft.

Tank Seq No: 001  
**Tank Status:** Currently In Use  
Capacity: 8000  
Substance: Gasoline  
Date Installed: 02/01/1988  
Tank Code: UST  
Inspection Code: Facility Operation Inspection  
Tank Last Dt Inspected: 09/19/2016  
Decode for Tstatus: Currently In Use  
Decode for Substance: Gasoline

Tank Seq No: 002  
**Tank Status:** Currently In Use  
Capacity: 8000  
Substance: Gasoline  
Date Installed: 02/01/1988  
Tank Code: UST  
Inspection Code: Facility Operation Inspection  
Tank Last Dt Inspected: 09/19/2016  
Decode for Tstatus: Currently In Use  
Decode for Substance: Gasoline

Tank Seq No: 003  
**Tank Status:** Currently In Use  
Capacity: 8000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7 ELEVEN 36147 (Continued)**

**U003996666**

Substance: Gasoline  
Date Installed: 02/01/1988  
Tank Code: UST  
Inspection Code: Facility Operation Inspection  
Tank Last Dt Inspected: 09/19/2016  
Decode for Tstatus: Currently In Use  
Decode for Substance: Gasoline

Tank Seq No: 004  
**Tank Status: Currently In Use**  
Capacity: 8000  
Substance: Diesel Fuel  
Date Installed: 02/01/1988  
Tank Code: UST  
Inspection Code: Facility Operation Inspection  
Tank Last Dt Inspected: 09/19/2016  
Decode for Tstatus: Currently In Use  
Decode for Substance: Diesel Fuel

Tank Seq No: 005  
**Tank Status: Currently In Use**  
Capacity: 4000  
Substance: Kerosene  
Date Installed: 02/01/1988  
Tank Code: UST  
Inspection Code: Facility Operation Inspection  
Tank Last Dt Inspected: 09/19/2016  
Decode for Tstatus: Currently In Use  
Decode for Substance: Kerosene

**E16**  
**WSW**  
**< 1/8**  
**0.063 mi.**  
**333 ft.**

**7 ELEVEN STORE NO 171**  
**1659 ROUTE 288**  
**CRANBERRY TOWNSHIP, PA 16066**  
**Site 2 of 3 in cluster E**

**MANIFEST** **S109244633**  
**N/A**

**Relative:**  
**Higher**

**Actual:**  
**1200 ft.**

Manifest Details:  
Year: 2009  
Manifest Number: 004640163JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PADEP0013761  
Generator Date: 02/16/2009  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: NULL  
TSD EPA Id: PAD987283140  
TSD Date: Not reported  
TSD Facility Name: UNITED ENVIRONMENTAL GROUP INC  
TSD Facility Address: 241 MCALEER ROAD  
TSD Facility City: SEWICKLEY  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7 ELEVEN STORE NO 171 (Continued)**

**S109244633**

Container Number: 4  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 220  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2009  
Manifest Number: 004640163JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PADEP0013761  
Generator Date: 02/16/2009  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: NULL  
TSD EPA Id: PAD987283140  
TSD Date: Not reported  
TSD Facility Name: UNITED ENVIRONMENTAL GROUP INC  
TSD Facility Address: 241 MCALEER ROAD  
TSD Facility City: SEWICKLEY  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D018  
Container Number: 4  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 220  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2008  
Manifest Number: 002381058JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PADEP0013761  
Generator Date: 02/11/2008  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: PAD987283140  
TSD Date: Not reported  
TSD Facility Name: UNITED ENVIRONMENTAL GROUP INC  
TSD Facility Address: 241 MCALEER ROAD  
TSD Facility City: SEWICKLEY  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D001  
Container Number: 1  
Container Type: Cargo tanks (tank trucks)  
Waste Quantity: 263



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7 ELEVEN STORE NO 171 (Continued)**

**S109244633**

Unit:	Gallons (liquids only)
Handling Code:	Not reported
TSP EPA Id:	Not reported
Date TSP Sig:	Not reported
Year:	2008
Manifest Number:	004639998JJK
Manifest Type:	TSD Copy
Generator EPA Id:	PADEP0013761
Generator Date:	07/17/2008
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	PAD987283140
TSD Date:	Not reported
TSD Facility Name:	UNITED ENVIRONMENTAL GROUP INC
TSD Facility Address:	241 MCALEER ROAD
TSD Facility City:	SEWICKLEY
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D018
Container Number:	1
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	20
Unit:	Gallons (liquids only)
Handling Code:	Not reported
TSP EPA Id:	Not reported
Date TSP Sig:	Not reported
Year:	2008
Manifest Number:	004640044JJK
Manifest Type:	TSD Copy
Generator EPA Id:	PADEP0013761
Generator Date:	09/22/2008
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	PAD987283140
TSD Date:	Not reported
TSD Facility Name:	UNITED ENVIRONMENTAL GROUP INC
TSD Facility Address:	241 MCALEER ROAD
TSD Facility City:	SEWICKLEY
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D018
Container Number:	3
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	165
Unit:	Gallons (liquids only)
Handling Code:	Not reported
TSP EPA Id:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7 ELEVEN STORE NO 171 (Continued)**

**S109244633**

Date TSP Sig:	Not reported
Year:	2008
Manifest Number:	002381075JJK
Manifest Type:	TSD Copy
Generator EPA Id:	PADEP0013761
Generator Date:	02/26/2008
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	PAD987283140
TSD Date:	Not reported
TSD Facility Name:	UNITED ENVIRONMENTAL GROUP INC
TSD Facility Address:	241 MCALEER ROAD
TSD Facility City:	SEWICKLEY
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D001
Container Number:	1
Container Type:	Cargo tanks (tank trucks)
Waste Quantity:	104
Unit:	Gallons (liquids only)
Handling Code:	Not reported
TSP EPA Id:	Not reported
Date TSP Sig:	Not reported
Year:	2008
Manifest Number:	004639981JJK
Manifest Type:	TSD Copy
Generator EPA Id:	PADEP0013761
Generator Date:	06/25/2008
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	PAD987283140
TSD Date:	Not reported
TSD Facility Name:	UNITED ENVIRONMENTAL GROUP INC
TSD Facility Address:	241 MCALEER ROAD
TSD Facility City:	SEWICKLEY
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D018
Container Number:	2
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	75
Unit:	Gallons (liquids only)
Handling Code:	Not reported
TSP EPA Id:	Not reported
Date TSP Sig:	Not reported
Year:	2008

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7 ELEVEN STORE NO 171 (Continued)**

**S109244633**

Manifest Number: 004639998JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PADEP0013761  
Generator Date: 07/17/2008  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: PAD987283140  
TSD Date: Not reported  
TSD Facility Name: UNITED ENVIRONMENTAL GROUP INC  
TSD Facility Address: 241 MCALEER ROAD  
TSD Facility City: SEWICKLEY  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D001  
Container Number: 1  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 20  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2008  
Manifest Number: 000119728JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PADEP0013761  
Generator Date: 01/24/2008  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: PAD987283140  
TSD Date: Not reported  
TSD Facility Name: UNITED ENVIRONMENTAL GROUP INC  
TSD Facility Address: 241 MCALEER ROAD  
TSD Facility City: SEWICKLEY  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D018  
Container Number: 2  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 65  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2008  
Manifest Number: 002381058JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PADEP0013761

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7 ELEVEN STORE NO 171 (Continued)**

**S109244633**

Generator Date: 02/11/2008  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: PAD987283140  
TSD Date: Not reported  
TSD Facility Name: UNITED ENVIRONMENTAL GROUP INC  
TSD Facility Address: 241 MCALEER ROAD  
TSD Facility City: SEWICKLEY  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D018  
Container Number: 1  
Container Type: Cargo tanks (tank trucks)  
Waste Quantity: 263  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

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

**E17**  
**WSW**  
**< 1/8**  
**0.063 mi.**  
**333 ft.**

**7 ELEVEN NO 171**  
**1659 ROUTE 228**  
**CRANBERRY TOWNSHIP, PA 16066**  
**Site 3 of 3 in cluster E**

**MANIFEST** **S111431625**  
**N/A**

**Relative:**  
**Higher**

**Actual:**  
**1200 ft.**

Manifest Details:  
Year: 2009  
Manifest Number: 004640248JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PADEP0014960  
Generator Date: 06/26/2009  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: NULL  
TSD EPA Id: PAD987283140  
TSD Date: Not reported  
TSD Facility Name: UNITED ENVIRONMENTAL GROUP INC  
TSD Facility Address: 241 MCALEER ROAD  
TSD Facility City: SEWICKLEY  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D001  
Container Number: 6  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 330  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7 ELEVEN NO 171 (Continued)**

**S111431625**

Date TSP Sig: Not reported  
  
Year: 2009  
Manifest Number: 004640248JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PADEP0014960  
Generator Date: 06/26/2009  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: NULL  
TSD EPA Id: PAD987283140  
TSD Date: Not reported  
TSD Facility Name: UNITED ENVIRONMENTAL GROUP INC  
TSD Facility Address: 241 MCALEER ROAD  
TSD Facility City: SEWICKLEY  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D013  
Container Number: 6  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 330  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

**18**  
**ENE**  
**< 1/8**  
**0.084 mi.**  
**444 ft.**

**HESPENHEIDE FARM**  
**RTE 228**  
**MARS, PA 16046**

**LUST S105802888**  
**N/A**

**Relative:**  
**Lower**

**LUST:**

**Actual:**  
**1058 ft.**

Region: EP NW Rgnl Off Meadville  
Municipality: Adams Twp  
Facility Id: 584337  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Cleanup Completed**  
Status Date: 09/21/1993  
Confirmed Date: 09/14/1992  
Program Other Id: 10-91254  
Client: FRED W HESPENHEIDE  
Incident Id: 21506  
Incident Desc: FRED W HESPENHEIDE FARM  
Suspect Date: Not reported  
Source Of Notification: Not reported  
Release Discovered: Not reported  
Source Cause Of Release: Not reported  
Tank: Not reported  
Impact Desc: Soil  
Substance: Unleaded Gasoline  
CAS RN: Not reported  
Chemical: Not reported  
Comments: Not reported  
Horizontal Ref Datum: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HESPENHEIDE FARM (Continued)**

**S105802888**

Altitude Datum: Not reported  
Latitude: Not reported  
Longitude: Not reported

**19**  
**West**  
**1/8-1/4**  
**0.147 mi.**  
**776 ft.**

**REX ENERGY**  
**310 SEVEN FIELDS BLVD**  
**SEVEN FIELDS, PA 16046**

**MANIFEST** **S115946974**  
**N/A**

**Relative:**  
**Lower**

Manifest Details:

**Actual:**  
**1110 ft.**

Year: 2014  
Manifest Number: 006156981FLE  
Manifest Type: TSD Copy  
Generator EPA Id: PADEP0017417  
Generator Date: 01/21/2014  
Mailing Address: Not reported  
Mailing City, St, Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Petrochem Processing Group of Nortru LLC  
TSD Facility Address: 421 Lycastle St  
TSD Facility City: Detroit  
TSD Facility State: MI  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D001  
Container Number: 1  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 100  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: MID980615298  
Date TSP Sig: Not reported

Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MARS	1000356210	WARRENDALE PLATING CO	MARS VALENCIA ROAD	16046	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA NonGen / NLR, 2020 COR ACTION
MARS	1015736045	ROESSING BRONZE	MARS MYOMA ROAD	16046	SEMS-ARCHIVE

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

### STANDARD ENVIRONMENTAL RECORDS

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

##### **NPL: National Priority List**

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

Date of Government Version: 12/05/2016	Source: EPA
Date Data Arrived at EDR: 01/05/2017	Telephone: N/A
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

##### **NPL Site Boundaries**

###### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

##### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/05/2016	Source: EPA
Date Data Arrived at EDR: 01/05/2017	Telephone: N/A
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/17/2017
	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: 12/05/2016	Source: EPA
Date Data Arrived at EDR: 01/05/2017	Telephone: N/A
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

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

#### FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 09/14/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2016	Telephone: 703-603-8704
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 01/05/2017
Number of Days to Update: 17	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Varies

#### SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/10/2016	Source: EPA
Date Data Arrived at EDR: 10/20/2016	Telephone: 800-424-9346
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Quarterly

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

#### SEMS-ARCHIVE: Superfund Enterprise Management System Archive

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 10/10/2016	Source: EPA
Date Data Arrived at EDR: 10/20/2016	Telephone: 800-424-9346
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Quarterly

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

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/12/2016	Source: EPA
Date Data Arrived at EDR: 12/28/2016	Telephone: 800-424-9346
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	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: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: 800-438-2474
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	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: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: 800-438-2474
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: 800-438-2474
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	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: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: 800-438-2474
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Varies

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

#### LUCIS: Land Use Control Information System

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

Date of Government Version: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 02/13/2017
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/29/2017
	Data Release Frequency: Varies

#### US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 11/15/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/29/2016	Telephone: 703-603-0695
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 02/28/2017
Number of Days to Update: 66	Next Scheduled EDR Contact: 06/12/2017
	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: 11/15/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/29/2016	Telephone: 703-603-0695
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 02/28/2017
Number of Days to Update: 66	Next Scheduled EDR Contact: 06/12/2017
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/26/2016

Date Data Arrived at EDR: 09/29/2016

Date Made Active in Reports: 11/11/2016

Number of Days to Update: 43

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 12/28/2016

Next Scheduled EDR Contact: 04/10/2017

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: 10/18/2016

Date Data Arrived at EDR: 10/20/2016

Date Made Active in Reports: 11/22/2016

Number of Days to Update: 33

Source: Department Environmental Protection

Telephone: 717-783-7816

Last EDR Contact: 01/19/2017

Next Scheduled EDR Contact: 05/01/2017

Data Release Frequency: Semi-Annually

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: 12/31/2015

Date Data Arrived at EDR: 10/25/2016

Date Made Active in Reports: 11/22/2016

Number of Days to Update: 28

Source: Department of Environmental Protection

Telephone: 717-783-7816

Last EDR Contact: 01/20/2017

Next Scheduled EDR Contact: 05/01/2017

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: 11/21/2016

Date Data Arrived at EDR: 11/23/2016

Date Made Active in Reports: 01/24/2017

Number of Days to Update: 62

Source: Department of Environmental Protection

Telephone: 717-787-7564

Last EDR Contact: 02/22/2017

Next Scheduled EDR Contact: 06/05/2017

Data Release Frequency: Semi-Annually

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

LAST: Storage Tank Release Sites

Leaking Aboveground Storage Tank Incident Reports.

Date of Government Version: 12/12/2016

Date Data Arrived at EDR: 12/15/2016

Date Made Active in Reports: 01/24/2017

Number of Days to Update: 40

Source: Department of Environmental Protection

Telephone: 717-783-7509

Last EDR Contact: 03/15/2017

Next Scheduled EDR Contact: 06/26/2017

Data Release Frequency: Semi-Annually

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.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/12/2016  
Date Data Arrived at EDR: 12/15/2016  
Date Made Active in Reports: 01/24/2017  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: 717-783-7509  
Last EDR Contact: 03/15/2017  
Next Scheduled EDR Contact: 06/26/2017  
Data Release Frequency: Semi-Annually

### INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/17/2016  
Date Data Arrived at EDR: 04/27/2016  
Date Made Active in Reports: 06/03/2016  
Number of Days to Update: 37

Source: EPA, Region 5  
Telephone: 312-886-7439  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

### INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/07/2016  
Date Data Arrived at EDR: 01/08/2016  
Date Made Active in Reports: 02/18/2016  
Number of Days to Update: 41

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Quarterly

### 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: 02/25/2016  
Date Data Arrived at EDR: 04/27/2016  
Date Made Active in Reports: 06/03/2016  
Number of Days to Update: 37

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Quarterly

### INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/13/2015  
Date Data Arrived at EDR: 10/23/2015  
Date Made Active in Reports: 02/18/2016  
Number of Days to Update: 118

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Quarterly

### INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015  
Date Data Arrived at EDR: 02/12/2016  
Date Made Active in Reports: 06/03/2016  
Number of Days to Update: 112

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
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: 12/11/2015  
Date Data Arrived at EDR: 02/19/2016  
Date Made Active in Reports: 06/03/2016  
Number of Days to Update: 105

Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-8677
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/24/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Semi-Annually

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

Date of Government Version: 10/27/2015	Source: EPA Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 67	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

UNREG LTANKS: Unregulated Tank Cases

Leaking storage tank cases from unregulated storage tanks.

Date of Government Version: 04/12/2002	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/14/2003	Telephone: 717-783-7509
Date Made Active in Reports: 08/29/2003	Last EDR Contact: 08/14/2003
Number of Days to Update: 15	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 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: 01/23/2017
Number of Days to Update: 55	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Varies

UST: Listing of Pennsylvania Regulated Underground Storage Tanks

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 12/01/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/15/2016	Telephone: 717-772-5599
Date Made Active in Reports: 01/23/2017	Last EDR Contact: 03/15/2017
Number of Days to Update: 39	Next Scheduled EDR Contact: 06/26/2017
	Data Release Frequency: Varies

AST: Listing of Pennsylvania Regulated Aboveground Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 12/01/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/15/2016	Telephone: 717-772-5599
Date Made Active in Reports: 01/23/2017	Last EDR Contact: 03/15/2017
Number of Days to Update: 39	Next Scheduled EDR Contact: 06/26/2017
	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).

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/07/2016  
Date Data Arrived at EDR: 01/08/2016  
Date Made Active in Reports: 02/18/2016  
Number of Days to Update: 41

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
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: 02/25/2016  
Date Data Arrived at EDR: 04/27/2016  
Date Made Active in Reports: 06/03/2016  
Number of Days to Update: 37

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
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: 01/26/2016  
Date Data Arrived at EDR: 02/05/2016  
Date Made Active in Reports: 06/03/2016  
Number of Days to Update: 119

Source: EPA Region 8  
Telephone: 303-312-6137  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Quarterly

### INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 12/03/2015  
Date Data Arrived at EDR: 02/04/2016  
Date Made Active in Reports: 06/03/2016  
Number of Days to Update: 120

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
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: 09/23/2014  
Date Data Arrived at EDR: 11/25/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 65

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
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: 11/05/2015  
Date Data Arrived at EDR: 11/13/2015  
Date Made Active in Reports: 01/04/2016  
Number of Days to Update: 52

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
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)

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/05/2016  
Date Data Arrived at EDR: 04/29/2016  
Date Made Active in Reports: 06/03/2016  
Number of Days to Update: 35

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 01/24/2017  
Next Scheduled EDR Contact: 05/08/2017  
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).

Date of Government Version: 10/20/2015  
Date Data Arrived at EDR: 10/29/2015  
Date Made Active in Reports: 01/04/2016  
Number of Days to Update: 67

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
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  
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: 01/12/2017  
Next Scheduled EDR Contact: 05/01/2017  
Data Release Frequency: No Update Planned

#### AUL: Environmental Covenants Listing

A listing of sites with environmental covenants.

Date of Government Version: 10/18/2016  
Date Data Arrived at EDR: 10/19/2016  
Date Made Active in Reports: 11/22/2016  
Number of Days to Update: 34

Source: Department of Environmental Protection  
Telephone: 717-783-7509  
Last EDR Contact: 01/19/2017  
Next Scheduled EDR Contact: 05/01/2017  
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: 01/12/2017  
Next Scheduled EDR Contact: 05/01/2017  
Data Release Frequency: No Update Planned

### **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



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015  
Date Data Arrived at EDR: 09/29/2015  
Date Made Active in Reports: 02/18/2016  
Number of Days to Update: 142

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 12/27/2016  
Next Scheduled EDR Contact: 04/10/2017  
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: 10/12/2016  
Date Data Arrived at EDR: 10/13/2016  
Date Made Active in Reports: 11/22/2016  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: 717-783-2388  
Last EDR Contact: 01/12/2017  
Next Scheduled EDR Contact: 04/24/2017  
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.

Date of Government Version: 10/18/2016  
Date Data Arrived at EDR: 10/20/2016  
Date Made Active in Reports: 11/22/2016  
Number of Days to Update: 33

Source: Department of Environmental Protection  
Telephone: 717-783-1566  
Last EDR Contact: 01/19/2017  
Next Scheduled EDR Contact: 05/01/2017  
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: 12/19/2016  
Date Data Arrived at EDR: 12/20/2016  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 03/02/2017  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: Semi-Annually

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

#### HIST LF INACTIVE: Inactive Facilities List

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/20/1994  
Date Data Arrived at EDR: 07/12/2005  
Date Made Active in Reports: 08/11/2005  
Number of Days to Update: 30

Source: Department of Environmental Protection  
Telephone: 717-787-7381  
Last EDR Contact: 06/21/2005  
Next Scheduled EDR Contact: 12/19/2005  
Data Release Frequency: No Update Planned

### HIST LF INVENTORY: Facility Inventory

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

Date of Government Version: 06/02/1999  
Date Data Arrived at EDR: 07/12/2005  
Date Made Active in Reports: 08/11/2005  
Number of Days to Update: 30

Source: Department of Environmental Protection  
Telephone: 717-787-7381  
Last EDR Contact: 09/19/2005  
Next Scheduled EDR Contact: 12/19/2005  
Data Release Frequency: No Update Planned

### HIST LF 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  
Date Data Arrived at EDR: 01/04/2005  
Date Made Active in Reports: 02/04/2005  
Number of Days to Update: 31

Source: Department of Environmental Protection  
Telephone: 717-787-7564  
Last EDR Contact: 11/26/2012  
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  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 10/31/2016  
Next Scheduled EDR Contact: 02/13/2017  
Data Release Frequency: Varies

### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 01/23/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: No Update Planned

### ODI: Open Dump Inventory

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

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

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

### IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 01/30/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

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

#### **US HIST CDL: National Clandestine Laboratory Register**

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 09/30/2016  
Date Data Arrived at EDR: 01/05/2017  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 36

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/28/2017  
Next Scheduled EDR Contact: 06/12/2017  
Data Release Frequency: No Update Planned

#### **US CDL: Clandestine Drug Labs**

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

Date of Government Version: 09/30/2016  
Date Data Arrived at EDR: 12/05/2016  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 67

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/28/2017  
Next Scheduled EDR Contact: 06/12/2017  
Data Release Frequency: Quarterly

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

#### **ARCHIVE UST: Archived Underground Storage Tank Sites**

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

Date of Government Version: 12/01/2016  
Date Data Arrived at EDR: 12/15/2016  
Date Made Active in Reports: 01/24/2017  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: 717-772-5599  
Last EDR Contact: 03/15/2017  
Next Scheduled EDR Contact: 06/26/2017  
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: 12/01/2016  
Date Data Arrived at EDR: 12/15/2016  
Date Made Active in Reports: 01/24/2017  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: 717-772-5599  
Last EDR Contact: 03/15/2017  
Next Scheduled EDR Contact: 06/26/2017  
Data Release Frequency: Varies

### **Local Land Records**

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 02/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/18/2014	Telephone: 202-564-6023
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 01/24/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/08/2017
	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: 12/28/2016	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 12/28/2016	Telephone: 202-366-4555
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Annually

#### SPILLS: State spills

A listing of hazardous material incidents.

Date of Government Version: 10/11/2016	Source: DEP, Emergency Response
Date Data Arrived at EDR: 11/04/2016	Telephone: 717-787-5715
Date Made Active in Reports: 11/22/2016	Last EDR Contact: 01/09/2017
Number of Days to Update: 18	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Varies

### **Other Ascertainable Records**

#### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: 800-438-2474
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 02/24/2017
Number of Days to Update: 97	Next Scheduled EDR Contact: 06/05/2017
	Data Release Frequency: Varies

### DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/13/2017
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Semi-Annually

### FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/13/2017
Number of Days to Update: 339	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: N/A

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 02/03/2017
Number of Days to Update: 54	Next Scheduled EDR Contact: 05/29/2017
	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: 10/11/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/16/2016	Telephone: 202-566-1917
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 02/15/2017
Number of Days to Update: 79	Next Scheduled EDR Contact: 05/29/2017
	Data Release Frequency: Quarterly

### EPA WATCH LIST: EPA WATCH LIST

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2013  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 06/17/2014  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 02/03/2017  
Next Scheduled EDR Contact: 05/22/2017  
Data Release Frequency: Quarterly

### 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013  
Date Data Arrived at EDR: 03/03/2015  
Date Made Active in Reports: 03/09/2015  
Number of Days to Update: 6

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 02/10/2017  
Next Scheduled EDR Contact: 05/22/2017  
Data Release Frequency: Varies

### TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 01/15/2015  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 14

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 12/23/2016  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: Every 4 Years

### TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 11/24/2015  
Date Made Active in Reports: 04/05/2016  
Number of Days to Update: 133

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 02/24/2017  
Next Scheduled EDR Contact: 06/05/2017  
Data Release Frequency: Annually

### SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 12/10/2010  
Date Made Active in Reports: 02/25/2011  
Number of Days to Update: 77

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 03/09/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Annually

### ROD: Records Of Decision

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

Date of Government Version: 11/25/2013  
Date Data Arrived at EDR: 12/12/2013  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 74

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 03/06/2017  
Next Scheduled EDR Contact: 06/19/2017  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/22/2016	Telephone: 202-564-8600
Date Made Active in Reports: 11/11/2016	Last EDR Contact: 01/23/2017
Number of Days to Update: 81	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

### RAATS: RCRA Administrative Action Tracking System

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

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

### PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 02/10/2017
Number of Days to Update: 3	Next Scheduled EDR Contact: 05/22/2017
	Data Release Frequency: Quarterly

### PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/20/2016	Source: EPA
Date Data Arrived at EDR: 04/28/2016	Telephone: 202-566-0500
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 01/13/2017
Number of Days to Update: 127	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Annually

### ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-5088
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 01/09/2017
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 02/17/2017  
Next Scheduled EDR Contact: 06/05/2017  
Data Release Frequency: Quarterly

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

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

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

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 02/17/2017  
Next Scheduled EDR Contact: 06/05/2017  
Data Release Frequency: Quarterly

### MLTS: Material Licensing Tracking System

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

Date of Government Version: 08/30/2016  
Date Data Arrived at EDR: 09/08/2016  
Date Made Active in Reports: 10/21/2016  
Number of Days to Update: 43

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 02/03/2017  
Next Scheduled EDR Contact: 05/22/2017  
Data Release Frequency: Quarterly

### COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 08/07/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 76

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 03/06/2017  
Next Scheduled EDR Contact: 06/19/2017  
Data Release Frequency: Varies

### COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014  
Date Data Arrived at EDR: 09/10/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 03/06/2017  
Next Scheduled EDR Contact: 06/19/2017  
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: 01/29/2016  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

### RADINFO: Radiation Information Database

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



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/04/2017  
Date Data Arrived at EDR: 01/06/2017  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 35

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 01/06/2017  
Next Scheduled EDR Contact: 04/17/2017  
Data Release Frequency: Quarterly

### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

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

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

### DOT OPS: Incident and Accident Data

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

Date of Government Version: 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: 02/01/2017  
Next Scheduled EDR Contact: 05/08/2017  
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: 09/30/2016  
Date Data Arrived at EDR: 11/18/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 77

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 01/23/2017  
Next Scheduled EDR Contact: 04/10/2017  
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: 12/31/2013  
Date Data Arrived at EDR: 02/24/2015  
Date Made Active in Reports: 09/30/2015  
Number of Days to Update: 218

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 02/22/2017  
Next Scheduled EDR Contact: 06/05/2017  
Data Release Frequency: Biennially

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 07/14/2015  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 546

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 01/13/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Semi-Annually

### FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016  
Date Data Arrived at EDR: 12/27/2016  
Date Made Active in Reports: 02/17/2017  
Number of Days to Update: 52

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 02/03/2017  
Next Scheduled EDR Contact: 05/22/2017  
Data Release Frequency: Varies

### UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010  
Date Data Arrived at EDR: 10/07/2011  
Date Made Active in Reports: 03/01/2012  
Number of Days to Update: 146

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 02/21/2017  
Next Scheduled EDR Contact: 06/05/2017  
Data Release Frequency: Varies

### LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/05/2016  
Date Data Arrived at EDR: 01/05/2017  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 36

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 03/02/2017  
Next Scheduled EDR Contact: 04/17/2017  
Data Release Frequency: Varies

### LEAD SMELTER 2: Lead Smelter Sites

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

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 03/07/2017  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Annually

### US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 03/07/2017  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Annually

### US MINES: Mines Master Index File

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

Date of Government Version: 08/05/2016  
Date Data Arrived at EDR: 09/01/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 02/28/2017  
Next Scheduled EDR Contact: 06/12/2017  
Data Release Frequency: Semi-Annually

### US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005  
Date Data Arrived at EDR: 02/29/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 49

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 03/03/2017  
Next Scheduled EDR Contact: 06/12/2017  
Data Release Frequency: Varies

### US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 97

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 03/03/2017  
Next Scheduled EDR Contact: 06/12/2017  
Data Release Frequency: Varies

### FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 07/15/2016  
Date Data Arrived at EDR: 09/07/2016  
Date Made Active in Reports: 11/11/2016  
Number of Days to Update: 65

Source: EPA  
Telephone: (215) 814-5000  
Last EDR Contact: 03/06/2017  
Next Scheduled EDR Contact: 06/19/2017  
Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016  
Date Data Arrived at EDR: 06/03/2016  
Date Made Active in Reports: 09/02/2016  
Number of Days to Update: 91

Source: Environmental Protection Agency  
Telephone: 202-564-0527  
Last EDR Contact: 02/24/2017  
Next Scheduled EDR Contact: 06/12/2017  
Data Release Frequency: Varies

### UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015  
Date Data Arrived at EDR: 01/29/2016  
Date Made Active in Reports: 04/05/2016  
Number of Days to Update: 67

Source: Department of Defense  
Telephone: 571-373-0407  
Last EDR Contact: 01/20/2017  
Next Scheduled EDR Contact: 05/01/2017  
Data Release Frequency: Varies

### AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 02/11/2016  
Date Made Active in Reports: 04/11/2016  
Number of Days to Update: 60

Source: Department of Environmental Protection  
Telephone: 717-787-9702  
Last EDR Contact: 12/27/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Annually

### DRYCLEANERS: Drycleaner Facility Locations

A listing of drycleaner facility locations.

Date of Government Version: 11/23/2016  
Date Data Arrived at EDR: 11/23/2016  
Date Made Active in Reports: 01/26/2017  
Number of Days to Update: 64

Source: Department of Environmental Protection  
Telephone: 717-787-9702  
Last EDR Contact: 01/17/2017  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: Varies

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 07/22/2016  
Date Made Active in Reports: 11/22/2016  
Number of Days to Update: 123

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 01/12/2017  
Next Scheduled EDR Contact: 05/01/2017  
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: 10/03/2016  
Date Data Arrived at EDR: 10/27/2016  
Date Made Active in Reports: 11/22/2016  
Number of Days to Update: 26

Source: PASDA  
Telephone: 814-863-0104  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Semi-Annually

### NPDES: NPDES Permit Listing

A listing of facilities with an NPDES permit.

Date of Government Version: 12/05/2016  
Date Data Arrived at EDR: 12/08/2016  
Date Made Active in Reports: 01/24/2017  
Number of Days to Update: 47

Source: Department of Environmental Protection  
Telephone: 717-787-9642  
Last EDR Contact: 03/10/2017  
Next Scheduled EDR Contact: 06/19/2017  
Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### UIC: Underground Injection Wells

A listing of underground injection well locations.

Date of Government Version: 12/20/2016

Date Data Arrived at EDR: 12/21/2016

Date Made Active in Reports: 01/24/2017

Number of Days to Update: 34

Source: Department of Environmental Protection

Telephone: 717-783-7209

Last EDR Contact: 12/21/2016

Next Scheduled EDR Contact: 04/03/2017

Data Release Frequency: Varies

### ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/09/2016

Date Data Arrived at EDR: 06/13/2016

Date Made Active in Reports: 09/02/2016

Number of Days to Update: 81

Source: Department of Interior

Telephone: 202-208-2609

Last EDR Contact: 03/13/2017

Next Scheduled EDR Contact: 06/26/2017

Data Release Frequency: Quarterly

### ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 12/11/2016

Date Data Arrived at EDR: 12/20/2016

Date Made Active in Reports: 02/17/2017

Number of Days to Update: 59

Source: Environmental Protection Agency

Telephone: 202-564-2280

Last EDR Contact: 12/20/2016

Next Scheduled EDR Contact: 04/03/2017

Data Release Frequency: Quarterly

### FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/21/2016

Date Data Arrived at EDR: 11/22/2016

Date Made Active in Reports: 02/03/2017

Number of Days to Update: 73

Source: EPA

Telephone: 800-385-6164

Last EDR Contact: 02/22/2017

Next Scheduled EDR Contact: 06/05/2017

Data Release Frequency: Quarterly

### EDR HIGH RISK HISTORICAL RECORDS

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

### EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### EDR Hist Auto: 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

### EDR Hist Cleaner: 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

## **EDR RECOVERED GOVERNMENT ARCHIVES**

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

#### RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department Environmental Protection in Pennsylvania.

Date of Government Version: N/A	Source: Department Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department Environmental Protection in Pennsylvania.

Date of Government Version: N/A	Source: Department Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/10/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 193	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

#### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department Environmental Protection in Pennsylvania.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/30/2013  
Number of Days to Update: 182

Source: Department Environmental Protection  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### OTHER DATABASE(S)

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

#### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013  
Date Data Arrived at EDR: 08/19/2013  
Date Made Active in Reports: 10/03/2013  
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 11/11/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: No Update Planned

#### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 09/29/2016  
Date Made Active in Reports: 01/03/2017  
Number of Days to Update: 96

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 01/09/2017  
Next Scheduled EDR Contact: 04/24/2017  
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: 01/30/2017  
Date Data Arrived at EDR: 02/01/2017  
Date Made Active in Reports: 02/13/2017  
Number of Days to Update: 12

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 02/01/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Annually

#### RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 06/19/2015  
Date Made Active in Reports: 07/15/2015  
Number of Days to Update: 26

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 02/21/2017  
Next Scheduled EDR Contact: 06/05/2017  
Data Release Frequency: Annually

#### VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 11/07/2016  
Date Data Arrived at EDR: 11/18/2016  
Date Made Active in Reports: 01/06/2017  
Number of Days to Update: 49

Source: Department of Environmental Conservation  
Telephone: 802-241-3443  
Last EDR Contact: 01/17/2017  
Next Scheduled EDR Contact: 05/01/2017  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015

Date Data Arrived at EDR: 04/14/2016

Date Made Active in Reports: 06/03/2016

Number of Days to Update: 50

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 03/13/2017

Next Scheduled EDR Contact: 06/26/2017

Data Release Frequency: Annually

### Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

### Electric Power Transmission Line Data

Source: PennWell Corporation

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**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### Daycare Centers: Child Care Facility List

Source: Department of Public Welfare

Telephone: 717-783-3856

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory  
Source: Pennsylvania Spatial Data Access  
Telephone: 610-344-6105

Current USGS 7.5 Minute Topographic Map  
Source: U.S. Geological Survey

### **STREET AND ADDRESS INFORMATION**

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

SR 0228 MARS - FRANKLIN RD TO MYOMA ROAD  
1001 PA-228  
CRANBERRY TOWNSHIP, PA 16066

### **TARGET PROPERTY COORDINATES**

Latitude (North):	40.68992 - 40° 41' 23.71"
Longitude (West):	80.053352 - 80° 3' 12.07"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	579989.2
UTM Y (Meters):	4504555.5
Elevation:	1122 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	5947661 MARS, PA
Version Date:	2013

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two 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).

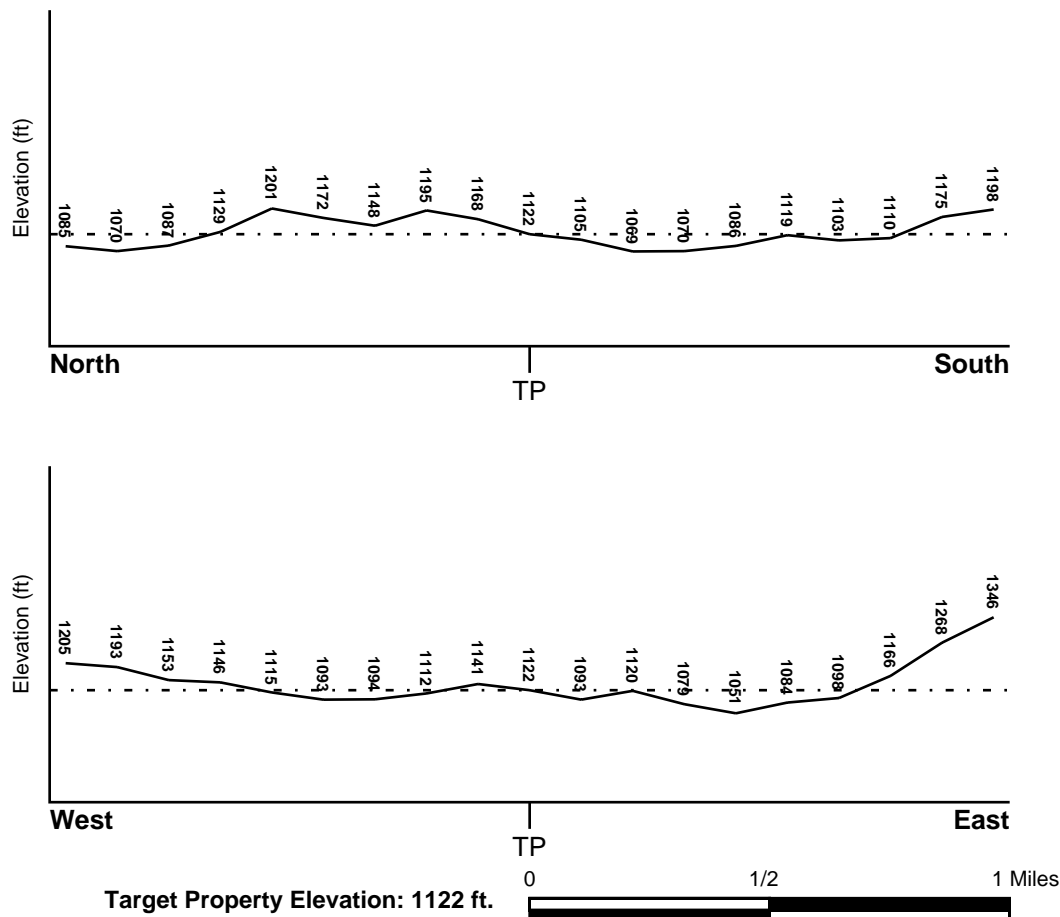
### TOPOGRAPHIC INFORMATION

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 South

### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### HYDROLOGIC INFORMATION

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

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

### FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
4214150005B	FEMA Q3 Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
4212170010B	FEMA Q3 Flood data
4212170005B	FEMA Q3 Flood data
4214150003B	FEMA Q3 Flood data
42003C0037H	FEMA FIRM Flood data
42003C0045H	FEMA FIRM Flood data

### NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
MARS	YES - refer to the Overview Map and Detail Map

### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		



## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

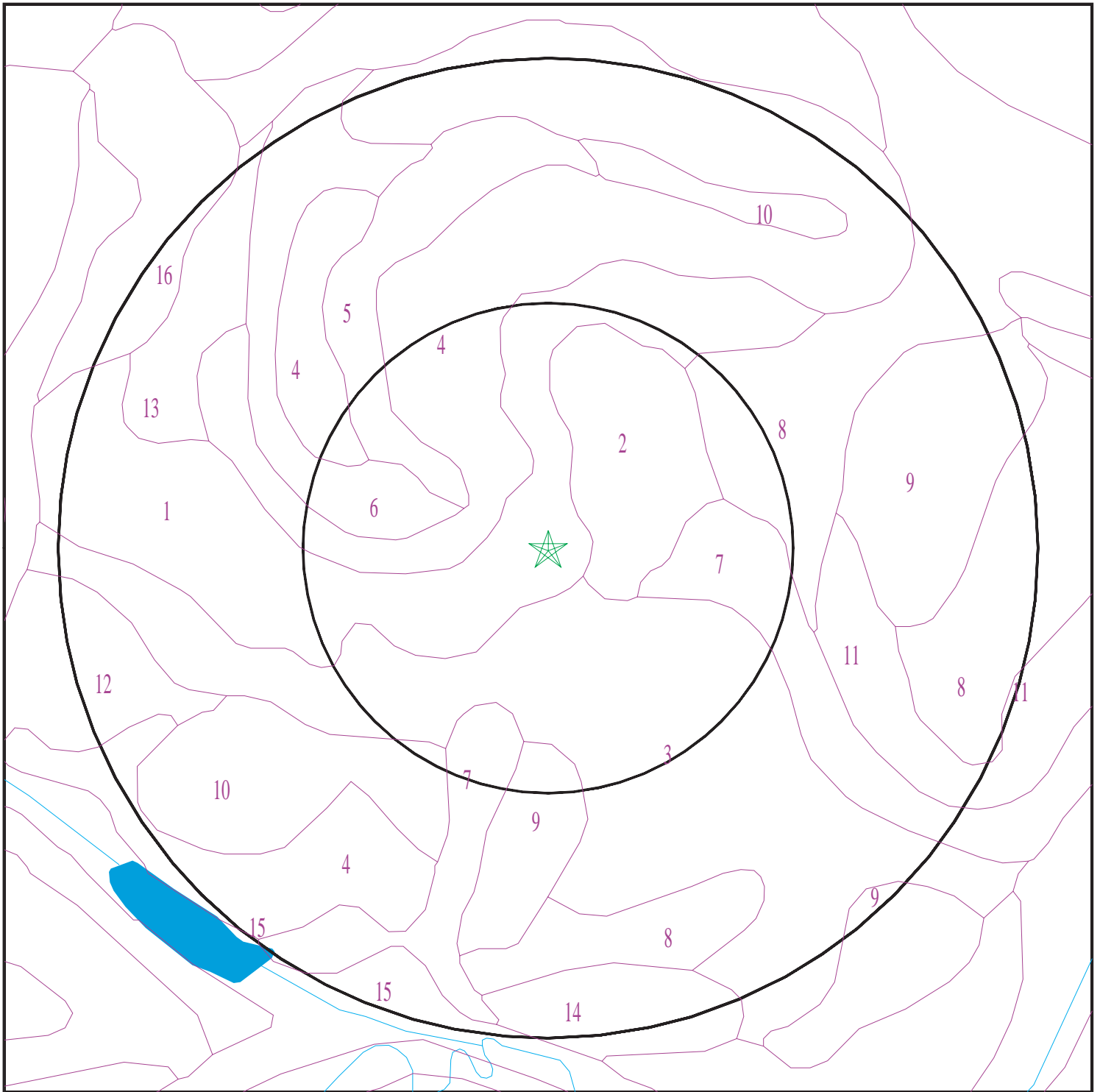
Era:	Paleozoic
System:	Pennsylvanian
Series:	Missourian Series
Code:	PP3 ( <i>decoded above as Era, System &amp; Series</i> )

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

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

# SSURGO SOIL MAP - 4883746.2s



- ★ Target Property
- SSURGO Soil
- Water

0 1/16 1/8 1/4 Miles



SITE NAME: SR 0228 Mars - Franklin Rd To Myoma Road  
 ADDRESS: 1001 PA-228  
 Cranberry Township PA 16066  
 LAT/LONG: 40.68992 / 80.053352

CLIENT: The Markosky Engineering Group Inc  
 CONTACT: Amanda Brown  
 INQUIRY #: 4883746.2s  
 DATE: March 20, 2017 8:10 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

#### Soil Map ID: 1

Soil Component Name: Cavode

Soil Surface Texture: 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: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 145 inches

Depth to Watertable Min: > 35 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	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: 14.11 Min: 4.23	Max: 5.5 Min: 4.5
2	9 inches	46 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.41 Min: 0.42	Max: 5.5 Min: 4.5
3	46 inches	57 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: 1.41 Min: 0.42	Max: 5.5 Min: 4.5
4	57 inches	61 inches	unweathered bedrock	Not reported	Not reported	Max: 14 Min: 0.42	Max: Min:

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 2

Soil Component Name: Ernest

Soil Surface Texture: 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: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 53 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 5.1
2	7 inches	24 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 1.41	Max: 5.5 Min: 4.5
3	24 inches	50 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: 4.23 Min: 0.42	Max: 5.5 Min: 4.5



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
4	50 inches	74 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%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.33 Min: 0.42	Max: 5.5 Min: 4.5

### Soil Map ID: 3

Soil Component Name: Cavode

Soil Surface Texture: 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: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 145 inches

Depth to Watertable Min: > 35 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	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: 14.11 Min: 4.23	Max: 5.5 Min: 4.5

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	9 inches	46 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.41 Min: 0.42	Max: 5.5 Min: 4.5
3	46 inches	57 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: 1.41 Min: 0.42	Max: 5.5 Min: 4.5
4	57 inches	61 inches	unweathered bedrock	Not reported	Not reported	Max: 14 Min: 0.42	Max: Min:

### Soil Map ID: 4

Soil Component Name: Gilpin

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

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 46 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 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%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 5.1

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	7 inches	23 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%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5
3	23 inches	29 inches	very channery loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5
4	29 inches	35 inches	unweathered bedrock	Not reported	Not reported	Max: 14.11 Min: 1.41	Max: Min:

### Soil Map ID: 5

Soil Component Name: Gilpin

Soil Surface Texture: 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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
2	35 inches	40 inches	unweathered bedrock	Not reported	Not reported	Max: 14.11 Min: 1.41	Max: Min:
3	7 inches	29 inches	silty clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
4	29 inches	35 inches	extremely channery silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6

### Soil Map ID: 6

Soil Component Name: Vandergrift

Soil Surface Texture: 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: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 6 Min: 4.5
2	7 inches	50 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 6.5 Min: 4.5
3	50 inches	57 inches	very channery silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.23 Min: 0.42	Max: 7.8 Min: 5.1
4	57 inches	61 inches	weathered bedrock	Not reported	Not reported	Max: 14.11 Min: 0.42	Max: Min:

### Soil Map ID: 7

Soil Component Name: Brinkerton

Soil Surface Texture: silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 8 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 7.1 Min: 5.1
2	7 inches	20 inches	silty clay 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: 14.11 Min: 4.23	Max: 6 Min: 4.5
3	20 inches	42 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.33 Min: 0.42	Max: 6 Min: 4.5
4	42 inches	64 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4.23 Min: 0.42	Max: 6.5 Min: 5.1

### Soil Map ID: 8

Soil Component Name: Vandergrift

Soil Surface Texture: 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: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 6 Min: 4.5
2	7 inches	40 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 6.5 Min: 4.5
3	40 inches	57 inches	very channery silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.23 Min: 0.42	Max: 7.8 Min: 5.1
4	57 inches	61 inches	weathered bedrock	Not reported	Not reported	Max: 14.11 Min: 0.42	Max: Min:

### Soil Map ID: 9

Soil Component Name: Tilsit

Soil Surface Texture: 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: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 102 inches

Depth to Watertable Min: > 61 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
2	7 inches	25 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
3	25 inches	55 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 5.5 Min: 3.6
4	55 inches	59 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.23 Min: 0.42	Max: 5.5 Min: 3.6
5	59 inches	63 inches	unweathered bedrock	Not reported	Not reported	Max: 1.41 Min: 0	Max: Min:

### Soil Map ID: 10

Soil Component Name: Gilpin

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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 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%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
2	35 inches	40 inches	unweathered bedrock	Not reported	Not reported	Max: 14.11 Min: 1.41	Max: Min:
3	7 inches	29 inches	silty clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
4	29 inches	35 inches	extremely channery silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6

### Soil Map ID: 11

Soil Component Name: Gilpin

Soil Surface Texture: 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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
2	35 inches	40 inches	unweathered bedrock	Not reported	Not reported	Max: 14.11 Min: 1.41	Max: Min:
3	7 inches	29 inches	silty clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
4	29 inches	35 inches	extremely channery silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6

### Soil Map ID: 12

Soil Component Name: Wharton

Soil Surface Texture: 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: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 175 inches

Depth to Watertable Min: > 69 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 6.2 Min: 5.1
2	46 inches	68 inches	channery silty clay 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: 4.23 Min: 0.42	Max: 5.5 Min: 4.5
3	68 inches	74 inches	weathered bedrock	Not reported	Not reported	Max: 14.11 Min: 0	Max: Min:
4	9 inches	46 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4.23 Min: 0.42	Max: 5.5 Min: 4

### Soil Map ID: 13

Soil Component Name: Gilpin

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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 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%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
2	35 inches	40 inches	unweathered bedrock	Not reported	Not reported	Max: 14.11 Min: 1.41	Max: Min:
3	7 inches	29 inches	silty clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
4	29 inches	35 inches	extremely channery silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6

### Soil Map ID: 14

Soil Component Name: Gilpin

Soil Surface Texture: 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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
2	7 inches	29 inches	silty clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
3	29 inches	35 inches	extremely channery silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
4	35 inches	40 inches	unweathered bedrock	Not reported	Not reported	Max: 14.11 Min: 1.41	Max: Min:

### Soil Map ID: 15

Soil Component Name: Atkins

Soil Surface Texture: silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5
2	7 inches	20 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 0.42	Max: 5.5 Min: 4.5
3	20 inches	41 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 0.42	Max: 5.5 Min: 4.5
4	41 inches	64 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42.34 Min: 1.41	Max: 5.5 Min: 4.5

### Soil Map ID: 16

Soil Component Name: Ernest

Soil Surface Texture: 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: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 53 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 5.1
2	7 inches	24 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 1.41	Max: 5.5 Min: 4.5
3	24 inches	50 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: 4.23 Min: 0.42	Max: 5.5 Min: 4.5
4	50 inches	74 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%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.33 Min: 0.42	Max: 5.5 Min: 4.5

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
D10	PA5100134	1/4 - 1/2 Mile ESE

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

### STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	SPAW0026135	0 - 1/8 Mile WSW
A2	PASI50000070708	0 - 1/8 Mile WSW
B3	PASI50000070717	1/8 - 1/4 Mile ESE
B4	SPAW0026144	1/8 - 1/4 Mile East
C5	PASI50000070723	1/8 - 1/4 Mile SSE
C6	SPAW0026150	1/4 - 1/2 Mile SE
D7	PASI50000216058	1/4 - 1/2 Mile SE
E8	PASI50000070706	1/4 - 1/2 Mile NE
E9	SPAW0026133	1/4 - 1/2 Mile NE
11	PASI50000216059	1/4 - 1/2 Mile SSE
F12	PASI50000070714	1/4 - 1/2 Mile NNE
F13	SPAW0026141	1/4 - 1/2 Mile NNE
14	PASI50000216057	1/4 - 1/2 Mile SE
G15	SPAW0027807	1/2 - 1 Mile NNW
G16	PASI50000072379	1/2 - 1 Mile NNW
G17	PASI50000072380	1/2 - 1 Mile NNW
G18	SPAW0027808	1/2 - 1 Mile NNW
H19	SPAW0026148	1/2 - 1 Mile SSE
H20	PASI50000070721	1/2 - 1 Mile SSE
I21	PASI50000070792	1/2 - 1 Mile NNE
I22	SPAW0026219	1/2 - 1 Mile NNE
I23	PASI50000070793	1/2 - 1 Mile NNE
I24	SPAW0026220	1/2 - 1 Mile NNE
I25	PASI50000070797	1/2 - 1 Mile NNE
I26	SPAW0026224	1/2 - 1 Mile NNE

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
I27	PASI50000070796	1/2 - 1 Mile NNE
I28	SPAW0026223	1/2 - 1 Mile NNE
J29	PASI50000070794	1/2 - 1 Mile NNE
J30	SPAW0026221	1/2 - 1 Mile NNE
J31	PASI50000070795	1/2 - 1 Mile NNE
J32	SPAW0026222	1/2 - 1 Mile NNE
K33	PASI50000070711	1/2 - 1 Mile NNE
L34	PASI50000070643	1/2 - 1 Mile North
K35	SPAW0026138	1/2 - 1 Mile NNE
L36	SPAW0026069	1/2 - 1 Mile North
M37	SPAW0026149	1/2 - 1 Mile SW
N38	PASI50000070673	1/2 - 1 Mile North
M39	PASI50000070722	1/2 - 1 Mile SW
N40	SPAW0026100	1/2 - 1 Mile North

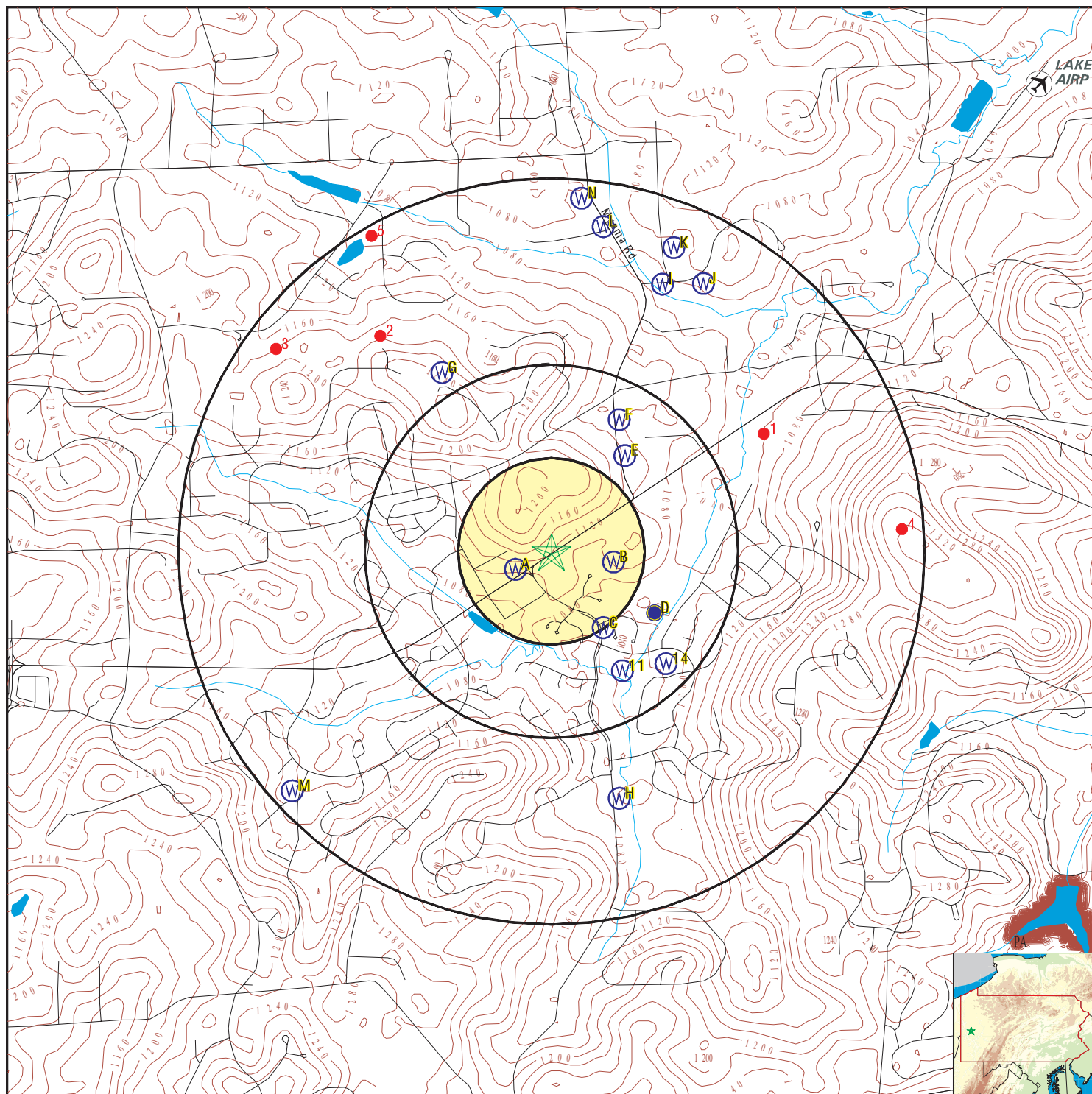
### OTHER STATE DATABASE INFORMATION

### STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	PAOG60000114604	1/2 - 1 Mile ENE
2	PAOG60000137297	1/2 - 1 Mile NW
3	PAOG60000089887	1/2 - 1 Mile NW
4	PAOG60000133384	1/2 - 1 Mile East
5	PAOG60000127634	1/2 - 1 Mile NNW



# PHYSICAL SETTING SOURCE MAP - 4883746.2s



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

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

SITE NAME: SR 0228 Mars - Franklin Rd To Myoma Road  
 ADDRESS: 1001 PA-228  
 Cranberry Township PA 16066  
 LAT/LONG: 40.68992 / 80.053352

CLIENT: The Markosky Engineering Group Inc  
 CONTACT: Amanda Brown  
 INQUIRY #: 4883746.2s  
 DATE: March 20, 2017 8:09 pm

Appendix E - EDR Report - Franklin Road to Myoma Road

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**A1**  
**WSW**  
**0 - 1/8 Mile**  
**Lower**

**PA WELLS SPAW0026135**

Well ID:	2376N	County	BUTLER
Owner's Name:	FINNIGAN L	Longitude:	800319
Latitude:	404121	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	150	Casing1 Diameter(inches):	6
Casing 1:	31	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	4-10-89
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	90	Yield Measurement Method:	B
Yield (gpm):	15	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	933
Bedrock:	25	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	90	Lithology:	SLATE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

**A2**  
**WSW**  
**0 - 1/8 Mile**  
**Lower**

**PA WELLS PASI50000070708**

Objectid:	70708	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2376N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	150	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	21-MAY-14	Dateupdated:	21-MAY-14
Datareliability:	L	Sourcedepthdatac:	D
Municipalitycode:	10904		
Latitudedd:	40.68917	Depthtobedrock:	3
Longitudedd:	-80.05528	Saltwaterzone:	0
Welladdress:	Not Reported	Pagwis id:	0
Wellzipcode:	Not Reported	Localpermit:	Not Reported
Bedrocknotreache:	0	Driller scoordme:	0
Datedrilled:	10-APR-89	Latestwelluse:	73282
Sourcesitedataco:	2	GeneralCounter:	74807
Latestowner:	70058		
Latestproduction:	71425		
Site id:	PASI50000070708		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**B3**  
**ESE**  
**1/8 - 1/4 Mile**  
**Lower**

**PA WELLS PASI50000070717**

Objectid:	70717	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2385N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	90	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	21-MAY-14	Dateupdated:	21-MAY-14
Datareliability:	L	Sourcedepthdata:	D
Municipalitycode:	10904		
Latitudedd:	40.68944		
Longitudedd:	-80.05028		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	3
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	18-FEB-91	Pagwis id:	0
Sourcesitedataco:	2	Localpermit:	Not Reported
Latestowner:	70067	Driller scoordme:	0
Latestproduction:	71434	Latestwelluse:	73291
Site id:	PASI50000070717	GeneralCounter:	74816

**B4**  
**East**  
**1/8 - 1/4 Mile**  
**Lower**

**PA WELLS SPAW0026144**

Well ID:	2385N	County	BUTLER
Owner's Name:	DECESER PAT	Longitude:	800301
Latitude:	404122	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	TEST
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	90	Casing1 Diameter(inches):	6
Casing 1:	10	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	3-18-91
Grouted:	Not Reported	Production WL:	15
Static Water Level:	15	Yield Measurement Method:	B
Yield (gpm):	90	Test Time:	1
Drawdown:	Not Reported	Driller:	933
Bedrock:	12	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	50	Lithology:	SAND
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**C5**  
**SSE**  
**1/8 - 1/4 Mile**  
**Lower**

**PA WELLS PASI50000070723**

Objectid:	70723	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2391N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	230	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	21-MAY-14	Dateupdated:	21-MAY-14
Datareliability:	L	Sourcedepthdata:	D
Municipalitycode:	10904		
Latitudedd:	40.68694		
Longitudedd:	-80.05083		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	10
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	01-JAN-92	Pagwis id:	0
Sourcesitedata:	2	Localpermit:	Not Reported
Latestowner:	70073	Driller scoordme:	0
Latestproduction:	71440	Latestwelluse:	73297
Site id:	PASI50000070723	GeneralCounter:	74822

**C6**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

**PA WELLS SPAW0026150**

Well ID:	2391N	County	BUTLER
Owner's Name:	DESIESER PAT	Longitude:	800303
Latitude:	404113	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	230	Casing1 Diameter(inches):	6
Casing 1:	40	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	1-92
Grouted:	Yes	Production WL:	Not Reported
Static Water Level:	3	Yield Measurement Method:	E
Yield (gpm):	100	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	933
Bedrock:	10	Water Bearing Zone 2:	80
Water Bearing Zone 1:	25	Lithology:	SLATE
Water Bearing Zone 3:	105	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database

EDR ID Number

**D7**

**SE**

**1/4 - 1/2 Mile**

**Lower**

**PA WELLS**

**PASI50000216058**

Objectid:	216058	Depcounter:	5546
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	Not Reported	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	321GLNS	Topographycode:	Not Reported
Welldepth:	0	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracyc:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	Not Reported	Dateupdated:	Not Reported
Datareliabilityc:	Not Reported	Sourcedepthdatac:	Not Reported
Municipalitycode:	10904		
Latitudedd:	40.6875		
Longitudedd:	-80.04861111111111		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	0
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	Not Reported	Pagwis id:	216524
Sourcesitedataco:	5	Localpermit:	Not Reported
Latestowner:	215494	Driller scoordme:	0
Latestproduction:	213975	Latestwelluse:	217912
Site id:	PASI50000216058	GeneralCounter:	253167
Counterlink:	5546	Transactioncounter:	1
Agencyuseofsitecode:	O	Agencyusedate:	Not Reported
Recnumflag:	1	Counterlink:	5546
Conscounter:	5887	Transactioncounter:	1
Recnumconsubrec:	1	Parentseqnumconssubrec:	Not Reported
Constructiondate:	01-JAN-10	Driller:	0249
Sourceconsdatacode:	S	Methodconscode:	C
Finishcode:	X	Drillers well id:	Not Reported
Interimwell id:	Not Reported	Abandonmentreasoncode:	Not Reported
Constructioncode:	Not Reported	Originaldriller:	Not Reported
Originaldrillername:	Not Reported		
Counterlink:	5546	Transactioncounter:	1
Seqnumgeohsubrec:	1	Parentseqnumaqfrsubrec:	Not Reported
Aapgcode:	231BRCK	Lithologycode:	SHLE
Contributingunitcode:	P	Topofinterval:	Not Reported
Bottomofinterval:	Not Reported		
Counterlink:	5546	Transactioncounter:	1
Siteusecode:	U	Dateofuse:	Not Reported
Note:	Not Reported		
Waterusecode:	U	Sitewaterid:	5546



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Counterlink: 5546  
 Prodseqnum: 1  
 Datasourcecode: 0  
 Discharge: 10.  
 Wldatasourcecode: Not Reported  
 Prodwl: Not Reported  
 Speccap: Not Reported  
 Sitestatuswlmeascode: Not Reported  
 Conslink: Not Reported

Transactioncounter: 1  
 Dischargecode: P  
 Dischargemeasmethodcode: Not Reported  
 Swl: Not Reported  
 Wlmeasmethodcode: Not Reported  
 Drawdown: Not Reported  
 Testlength: Not Reported  
 Datedischarged: Not Reported  
 Productionid: 4427

Counterlink: 5546  
 Seqnumownersubrec: 1  
 Zipcode: Not Reported  
 Dateownership: 30-DEC-52  
 Ownerid: 5511

Transactioncounter: 1  
 Owner: SELLERSVILLE BOROUGH  
 Ownerfirstname: Not Reported  
 Conslink: 5887

Counterlink: 5546  
 Seqnumotheridsubrec: 2  
 Otheridassignor: DRBC-PA

Transactioncounter: 1  
 Otheridentifier: BK- 403

Counterlink: 5546  
 Seqnumotheridsubrec: 3  
 Otheridassignor: DRBC

Transactioncounter: 1  
 Otheridentifier: D-65- 65 CP

Counterlink: 5546  
 Seqnumotheridsubrec: 4  
 Otheridassignor: OWNER PA

Transactioncounter: 1  
 Otheridentifier: WELL 2

**E8  
 NE  
 1/4 - 1/2 Mile  
 Lower**

**PA WELLS PASI50000070706**

Objectid: 70706  
 Siteid: Not Reported  
 Localwellnumber: 2374N  
 Latitude: Not Reported  
 Aapgcode: Not Reported  
 Welldepth: 125  
 Elevmethodcode: Not Reported  
 Hydrologicunit: Not Reported  
 Quadcode: 1305  
 Datecreated: 21-MAY-14  
 Datareliability: L  
 Municipalitycode: 10904  
 Latitudedd: 40.69361  
 Longitudedd: -80.04972  
 Welladdress: Not Reported  
 Wellzipcode: Not Reported  
 Bedrocknotreache: 0  
 Datedrilled: 01-APR-88  
 Sourcesitedataco: 2  
 Latestowner: 70056

Depcounter: -1  
 Transactioncount: 0  
 Countycode: 019  
 Longitude: Not Reported  
 Topographycode: Not Reported  
 Elevation: 0  
 Accuracyofelevat: Not Reported  
 Latlongaccuracy: Not Reported  
 Typeofsitecode: W  
 Dateupdated: 21-MAY-14  
 Sourcedepthdatac: D

Depthtobedrock: 0  
 Saltwaterzone: 0  
 Pagwis id: 0  
 Localpermit: Not Reported  
 Driller scoordme: 0

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latest production: 71423  
Site id: PASI50000070706

Latest well use: 73280  
General Counter: 74805

**E9**  
**NE**  
**1/4 - 1/2 Mile**  
**Lower**

**PA WELLS SPAW0026133**

Well ID:	2374N	County	BUTLER
Owner's Name:	RESSLER R	Longitude:	800259
Latitude:	404137	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	125	Casing1 Diameter(inches):	6
Casing 1:	38	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	4-88
Grouted:	Not Reported	Production WL:	57
Static Water Level:	57	Yield Measurement Method:	B
Yield (gpm):	9	Test Time:	1
Drawdown:	Not Reported	Driller:	220
Bedrock:	35	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	85	Lithology:	SANDSTONE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

**D10**  
**ESE**  
**1/4 - 1/2 Mile**  
**Lower**

**FRDS PWS PA5100134**

Epa region:	03	State:	PA
Pwsid:	PA5100134		
Pwsname:	ADAMS RIDGE INC.	State served:	PA
City served:	Not Reported	Fips county:	42019
Zip served:	Not Reported	Pop svd:	700
Status:	Closed	Source:	Groundwater
Pwssvconn:	250	Owner:	Private
Pws type:	CWS		
Contact:	WILLIAM WEAVER		
Contact gname:	Not Reported	Contact address1:	PO BOX 807/ 134 GRAND AVE
Contact phone:	724-772-2472	Contact city:	MARS
Contact address2:	Not Reported	Contact zip:	16046
Contact state:	PA		
Activity code:	I		
Facid:	301		
Facname:	PLANT#1		
Facility type:	Treatment_plant	Activity code:	I
Treatment obj:	disinfection	Treatment process:	gaseous chlorination, post

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Treatment obj:	iron removal	Treatment process:	permanganate
Treatment obj:	iron removal	Treatment process:	filtration, greensand

Facid:	302		
Facname:	METHANETANK		
Facility type:	Treatment_plant	Activity code:	I
Treatment obj:	taste / odor control	Treatment process:	aeration, diffused

**Location Information:**

Name:	ADAMS RIDGE INC.		
Pwstypcd:	CWS	Primsrccd:	GW
Popservcd:	700		
Add1:	PO BOX 807/ 134 GRAND AVE		
Add2:	Not Reported		
City:	MARS	State:	PA
Zip:	16046	Phone:	724-772-2472
Cityserv:	Not Reported	Cntysest:	Not Reported
Stateserv:	PA	Zipsest:	Not Reported

**Enforcement Information:**

Violation id:	01V0001	Orig cd:	F
Enf fy:	2001	Enf act date:	07/13/2001
Enf act detail:	Fed Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0116890	Orig cd:	S
Enf fy:	2001	Enf act date:	02/05/2001
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0116890	Orig cd:	S
Enf fy:	2001	Enf act date:	02/05/2001
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0116890	Orig cd:	S
Enf fy:	2001	Enf act date:	04/16/2001
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0116889	Orig cd:	S
Enf fy:	2001	Enf act date:	02/05/2001
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0116889	Orig cd:	S
Enf fy:	2001	Enf act date:	02/05/2001
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0116889	Orig cd:	S
Enf fy:	2001	Enf act date:	04/16/2001
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Enforcement Information:**

Violation id:	00V0001	Orig cd:	F
Enf fy:	2000	Enf act date:	02/23/2000
Enf act detail:	Fed Formal NOV issued	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	00V0001	Orig cd:	F
Enf fy:	2000	Enf act date:	03/21/2000
Enf act detail:	Fed Compliance achieved	Enf act cat:	Resolving

**Violations Information:**

Violation id:	01V0001	Orig cd:	F
State:	PA	Viol fy:	2001
Contamcd:	7000		
Contamnm:	Consumer Confidence Rule		
Viol code:	71		
Viol name:	CCR Complete Failure to Report		
Rule code:	420		
Rule name:	CCR		
Violmeasur:	0	Unitmeasur:	Not Reported
State mcl:	0	Cmpbdt:	07/01/2001
Cmpedt:	07/13/2001		

**Violations Information:**

Violation id:	0116890	Orig cd:	S
State:	PA	Viol fy:	2000
Contamcd:	1040		
Contamnm:	Nitrate		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	331		
Rule name:	Nitrates		
Violmeasur:	0	Unitmeasur:	Not Reported
State mcl:	0	Cmpbdt:	01/01/2000
Cmpedt:	12/31/2000		

**Violations Information:**

Violation id:	0116889	Orig cd:	S
State:	PA	Viol fy:	2000
Contamcd:	1085		
Contamnm:	Thallium, Total		
Viol code:	01		
Viol name:	MCL, Single Sample		
Rule code:	333		
Rule name:	Other IOC		
Violmeasur:	0.003	Unitmeasur:	Not Reported
State mcl:	0	Cmpbdt:	01/01/2000
Cmpedt:	12/31/2000		

**Violations Information:**

Violation id:	00V0001	Orig cd:	F
State:	PA	Viol fy:	1999
Contamcd:	7000		
Contamnm:	Consumer Confidence Rule		
Viol code:	71		
Viol name:	CCR Complete Failure to Report		
Rule code:	420		
Rule name:	CCR		
Violmeasur:	0	Unitmeasur:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

State mcl: 0 Cmpbdt: 10/19/1999  
Cmpedt: 03/21/2000

PWS ID: PA5100134  
Date Initiated: Not Reported Date Deactivated: Not Reported  
PWS Name: ADAMS RIDGE INC.  
ROUTE 228  
MARS, PA 16001

### PWS Facility Data Not Reported

Facility Latitude:	40 41 8.0000	Facility Longitude:	80 3 0.0000
Facility Latitude:	40 41 15.0000	Facility Longitude:	80 2 52.0000
Facility Latitude:	40 40 56.0000	Facility Longitude:	80 3 0.0000
City Served:	Not Reported		
Treatment Class	Not Reported	Population:	Not Reported

Violations information not reported.

### ENFORCEMENT INFORMATION:

System Name:	ADAMS RIDGE INC.		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	1999-10-19 - 2000-03-21		
Violation ID:	00V0001		
Enforcement Date:	2000-02-23	Enf. Action:	Fed Formal NOV Issued

System Name:	ADAMS RIDGE INC.		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	1999-10-19 - 2000-03-21		
Violation ID:	00V0001		
Enforcement Date:	2000-03-21	Enf. Action:	Fed Compliance Achieved

System Name:	ADAMS RIDGE INC.		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	1999-10-19 - 2015-12-31		
Violation ID:	00V0001		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported

11  
SSE  
1/4 - 1/2 Mile  
Lower

PA WELLS PASI50000216059

Objectid:	216059	Depcounter:	5547
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	Not Reported	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	321GLNS	Topographycode:	Not Reported
Welldepth:	0	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	Not Reported	Dateupdated:	Not Reported



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Data reliability:	Not Reported	Source depth data:	Not Reported
Municipality code:	10904		
Latitude:	40.6852777777778		
Longitude:	-80.0497222222222		
Well address:	Not Reported		
Well zip code:	Not Reported	Depth to bedrock:	0
Bedrock not reached:	0	Saltwater zone:	0
Dated drilled:	Not Reported	Pagwis id:	216525
Source site data code:	5	Local permit:	Not Reported
Latest owner:	215495	Driller's coordinates:	0
Latest production:	213976	Latest well use:	217913
Site id:	PAS150000216059	General counter:	253168
Counterlink:	5547	Transaction counter:	1
Agency use of site code:	O	Agency use date:	Not Reported
Recnum flag:	1	Counterlink:	5547
Cons counter:	5888	Transaction counter:	1
Recnum consub rec:	1	Parent seqnum consub rec:	1
Construction date:	01-JAN-60	Driller:	0228
Source cons data code:	Z	Method cons code:	C
Finish code:	X	Drillers well id:	Not Reported
Interim well id:	Not Reported	Abandonment reason code:	Not Reported
Construction code:	Not Reported	Original driller:	Not Reported
Original driller name:	Not Reported		
Counterlink:	5547	Transaction counter:	1
Seqnum geohsub rec:	1	Parent seqnum aqfrsub rec:	Not Reported
Aapg code:	231LCKG	Lithology code:	SHLE
Contributing unit code:	P	Top of interval:	Not Reported
Bottom of interval:	Not Reported		
Counterlink:	5547	Transaction counter:	1
Seqnum geohsub rec:	2	Parent seqnum aqfrsub rec:	Not Reported
Aapg code:	231LCKG	Lithology code:	1
Contributing unit code:	S	Top of interval:	Not Reported
Bottom of interval:	Not Reported		
Counterlink:	5547	Transaction counter:	1
Site use code:	W	Date of use:	Not Reported
Note:	Not Reported		
Water use code:	N	Site water id:	5547
Counterlink:	5547	Transaction counter:	1
Prod seqnum:	1	Discharge type code:	P
Data source code:	D	Discharge measurement method code:	R
Discharge:	50.	Swl:	Not Reported
Wl data source code:	Not Reported	Wl measurement method code:	Not Reported
Prod wl:	Not Reported	Drawdown:	Not Reported
Spec cap:	Not Reported	Test length:	Not Reported
Site status wl meas code:	Not Reported	Dated discharged:	01-JAN-60
Cons link:	5888	Production id:	4428
Counterlink:	5547	Transaction counter:	1
Seqnum ownersub rec:	1	Owner:	KOLLSMAN MOTOR CO
Zip code:	Not Reported	Owner first name:	Not Reported
Date ownership:	13-SEP-60	Cons link:	5888
Owner id:	5512		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**F12**

**NNE**

**1/4 - 1/2 Mile**

**Lower**

**PA WELLS**

**PASI50000070714**

Objectid:	70714	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2382N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	210	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	21-MAY-14	Dateupdated:	21-MAY-14
Datareliability:	L	Sourcedepthdata:	D
Municipalitycode:	10904		
Latitudedd:	40.695		
Longitudedd:	-80.05		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	15
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	01-SEP-90	Pagwis id:	0
Sourcesitedata:	2	Localpermit:	Not Reported
Latestowner:	70064	Driller scoordme:	0
Latestproduction:	71431	Latestwelluse:	73288
Site id:	PASI50000070714	GeneralCounter:	74813

**F13**

**NNE**

**1/4 - 1/2 Mile**

**Lower**

**PA WELLS**

**SPAW0026141**

Well ID:	2382N	County	BUTLER
Owner's Name:	UTZ BERRY	Longitude:	800260
Latitude:	404142	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	210	Casing1 Diameter(inches):	6
Casing 1:	30	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	9-90
Grouted:	Yes	Production WL:	Not Reported
Static Water Level:	120	Yield Measurement Method:	B
Yield (gpm):	7	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	933
Bedrock:	25	Water Bearing Zone 2:	120
Water Bearing Zone 1:	50	Lithology:	SLATE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**14**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

**PA WELLS PASI50000216057**

Objectid:	216057	Depcounter:	5545
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	Not Reported	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	321GLNS	Topographycode:	Not Reported
Welldepth:	0	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracyc:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	Not Reported	Dateupdated:	Not Reported
Datareliabilityc:	Not Reported	Sourcedepthdatac:	Not Reported
Municipalitycode:	10904		
Latituedd:	40.6855555555556		
Longitudedd:	-80.0475		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	0
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	Not Reported	Pagwis id:	216523
Sourcesitedataco:	5	Localpermit:	Not Reported
Latestowner:	215493	Driller scoordme:	0
Latestproduction:	213974	Latestwelluse:	217911
Site id:	PASI50000216057	GeneralCounter:	253166
Counterlink:	5545	Transactioncounter:	1
Agencyuseofsitecode:	O	Agencyusedate:	Not Reported
Counterlink:	5545	Transactioncounter:	1
Seqnumgeohsubrec:	1	Parentseqnumaqfrsubrec:	Not Reported
Aapgcode:	231LCKG	Lithologycode:	SHLE
Contributingunitcode:	P	Topofinterval:	Not Reported
Bottomofinterval:	Not Reported		
Counterlink:	5545	Transactioncounter:	1
Seqnumgeohsubrec:	2	Parentseqnumaqfrsubrec:	Not Reported
Aapgcode:	231LCKG	Lithologycode:	1
Contributingunitcode:	S	Topofinterval:	Not Reported
Bottomofinterval:	Not Reported		
Counterlink:	5545	Transactioncounter:	1
Siteusecode:	W	Dateofuse:	Not Reported
Note:	Not Reported		
Waterusecode:	H	Sitewaterid:	5545
Counterlink:	5545	Transactioncounter:	1
Prodseqnum:	1	Dischargecode:	P
Datasourcecode:	Not Reported	Dischargemeasmethodcode:	Not Reported
Discharge:	18.	Swl:	Not Reported
Wldatasourcecode:	Not Reported	Wlmeasmethodcode:	Not Reported
Prodwl:	Not Reported	Drawdown:	Not Reported
Speccap:	Not Reported	Testlength:	Not Reported
Sitestatuswlmeascode:	Not Reported	Datedischarged:	13-SEP-60
Conslink:	Not Reported	Productionid:	4426

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Counterlink: 5545  
Seqnumownersubrec: 1  
Zipcode: Not Reported  
Dateownership: 13-SEP-60  
Ownerid: 5510

Transactioncounter: 1  
Owner: KOLLSMAN MOTOR CO  
Ownerfirstname: Not Reported  
Conslink: 0

**G15  
NNW  
1/2 - 1 Mile  
Higher**

**PA WELLS SPAW0027807**

Well ID: 2961N  
Owner's Name: KELLY T D  
Latitude: 404148  
Quadrangle: MARS  
Hydrologic Unit: 05030105  
Water Usage: DOMESTIC  
Well Depth: 260  
Casing 1: 41  
Casing2: Not Reported  
Grouted: Yes  
Static Water Level: 10  
Yield (gpm): 15  
Drawdown: 10  
Bedrock: 41  
Water Bearing Zone 1: 48  
Water Bearing Zone 3: Not Reported  
Municipality: CRANBERRY  
Aquifer: GLENSHAW FORMATION

County: BUTLER  
Longitude: 800332  
Lat/Long Accuracy: ACCURATE TO +1 MINUTE  
Topographic Setting: HILLSIDE  
Site Usage: WITHDRAWAL  
Finish: Not Reported  
Casing1 Diameter(inches): Not Reported  
Casing2 Diameter(inches): Not Reported  
Date Drilled: 3-94  
Production WL: 110  
Yield Measurement Method: B  
Test Time: 1  
Driller: 448  
Water Bearing Zone 2: 142  
Lithology: SANDSTONE  
Remark: Not Reported

**G16  
NNW  
1/2 - 1 Mile  
Higher**

**PA WELLS PASI50000072379**

Objectid: 72379  
Siteid: Not Reported  
Localwellnumber: 2961N  
Latitude: Not Reported  
Aapgcode: Not Reported  
Welldepth: 260  
Elevmethodcode: Not Reported  
Hydrologicunit: Not Reported  
Quadcode: 1305  
Datecreated: 17-JUN-14  
Datareliabilityc: L  
Municipalitycode: 10921  
Latitudedd: 40.69667  
Longitudedd: -80.05889  
Welladdress: Not Reported  
Wellzipcode: Not Reported  
Bedrocknotreache: 0  
Datedrilled: 01-MAR-94  
Sourcesitedataco: 2  
Latestowner: 71729

Depcounter: -1  
Transactioncount: 0  
Countycode: 019  
Longitude: Not Reported  
Topographycode: Not Reported  
Elevation: 0  
Accuracyofelevat: Not Reported  
Latlongaccuracyc: Not Reported  
Typeofsitecode: W  
Dateupdated: 17-JUN-14  
Sourcedepthdatac: D  
  
Depthtobedrock: 0  
Saltwaterzone: 0  
Pagwis id: 0  
Localpermit: Not Reported  
Driller scoordme: 0

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latestproduction: 73086  
Site id: PASI50000072379

Latestwelluse: 74947  
GeneralCounter: 76478

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

**PA WELLS PASI50000072380**

Objectid:	72380	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2962N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	230	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	17-JUN-14	Dateupdated:	17-JUN-14
Datareliability:	L	Sourcedepthdata:	D
Municipalitycode:	10921		
Latitudedd:	40.69694		
Longitudedd:	-80.05917		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	10
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	16-MAR-93	Pagwis id:	0
Sourcesitedataco:	2	Localpermit:	Not Reported
Latestowner:	71730	Driller scoordme:	0
Latestproduction:	73087	Latestwelluse:	74948
Site id:	PASI50000072380	GeneralCounter:	76479

**G18  
NNW  
1/2 - 1 Mile  
Higher**

**PA WELLS SPAW0027808**

Well ID:	2962N	County	BUTLER
Owner's Name:	SINGER C	Longitude:	800333
Latitude:	404149	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	230	Casing1 Diameter(inches):	6
Casing 1:	31	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	3-16-93
Grouted:	Yes	Production WL:	Not Reported
Static Water Level:	180	Yield Measurement Method:	B
Yield (gpm):	10	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	933
Bedrock:	25	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	180	Lithology:	SLATE
Water Bearing Zone 3:	Not Reported	Remark:	[B [C [C [C [C [C [C [C [
Municipality:	CRANBERRY		
Aquifer:	GLENSHAW FORMATION		



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

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

**PA WELLS SPAW0026148**

Well ID:	2389N	County	BUTLER
Owner's Name:	DESIESER PAT	Longitude:	800300
Latitude:	404049	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	PUBLIC SUPPLY	Finish:	OPEN HOLE
Well Depth:	200	Casing1 Diameter(inches):	Not Reported
Casing 1:	41	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	5-18-92
Grouted:	Yes	Production WL:	Not Reported
Static Water Level:	10	Yield Measurement Method:	Not Reported
Yield (gpm):	125	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	933
Bedrock:	15	Water Bearing Zone 2:	70
Water Bearing Zone 1:	60	Lithology:	SLATE
Water Bearing Zone 3:	95	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

**H20**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI50000070721**

Objectid:	70721	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2389N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	200	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	21-MAY-14	Dateupdated:	21-MAY-14
Datareliability:	L	Sourcedepthdatac:	D
Municipalitycode:	10904		
Latitudedd:	40.68028		
Longitudedd:	-80.05		
Welladdress:	Not Reported	Depthtobedrock:	30
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	0
Datedrilled:	18-MAY-92	Localpermit:	Not Reported
Sourcesitedataco:	2	Driller scoordme:	0
Latestowner:	70071	Latestwelluse:	73295
Latestproduction:	71438	GeneralCounter:	74820
Site id:	PASI50000070721		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**I21**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI50000070792**

Objectid:	70792	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2460N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	145	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	23-JUN-14	Dateupdated:	23-JUN-14
Datareliability:	L	Sourcedepthdata:	D
Municipalitycode:	10904		
Latitudedd:	40.7		
Longitudedd:	-80.04806		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	10
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	01-APR-90	Pagwis id:	0
Sourcesitedataco:	2	Localpermit:	Not Reported
Latestowner:	70142	Driller scoordme:	0
Latestproduction:	71509	Latestwelluse:	73366
Site id:	PASI50000070792	GeneralCounter:	74891

**I22**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      SPAW0026219**

Well ID:	2460N	County	BUTLER
Owner's Name:	HENCHAR WILLIAM	Longitude:	800253
Latitude:	404200	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	145	Casing1 Diameter(inches):	6
Casing 1:	37	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	4-90
Grouted:	Yes	Production WL:	15
Static Water Level:	65	Yield Measurement Method:	B
Yield (gpm):	15	Test Time:	1
Drawdown:	50	Driller:	448
Bedrock:	1	Water Bearing Zone 2:	65
Water Bearing Zone 1:	10	Lithology:	SANDSTONE
Water Bearing Zone 3:	90	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**I23**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI50000070793**

Objectid:	70793	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2461N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	140	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	23-JUN-14	Dateupdated:	23-JUN-14
Datareliability:	L	Sourcedepthdata:	D
Municipalitycode:	10904		
Latitudedd:	40.7		
Longitudedd:	-80.0475		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	0
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	01-JUN-90	Pagwis id:	0
Sourcesitedata:	2	Localpermit:	Not Reported
Latestowner:	70143	Driller scoordme:	0
Latestproduction:	71510	Latestwelluse:	73367
Site id:	PASI50000070793	GeneralCounter:	74892

**I24**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS SPAW0026220**

Well ID:	2461N	County	BUTLER
Owner's Name:	HENCHAR WAYNE	Longitude:	800251
Latitude:	404200	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	140	Casing1 Diameter(inches):	6
Casing 1:	33	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	6-90
Grouted:	Yes	Production WL:	70
Static Water Level:	40	Yield Measurement Method:	B
Yield (gpm):	20	Test Time:	1
Drawdown:	30	Driller:	448
Bedrock:	18	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	72	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**I25**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI50000070797**

Objectid:	70797	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2465N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	120	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	22-MAY-14	Dateupdated:	22-MAY-14
Datareliability:	L	Sourcedepthdata:	D
Municipalitycode:	10904		
Latitudedd:	40.70056		
Longitudedd:	-80.04806		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	0
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	01-AUG-90	Pagwis id:	0
Sourcesitedataco:	2	Localpermit:	Not Reported
Latestowner:	70147	Driller scoordme:	0
Latestproduction:	71514	Latestwelluse:	73371
Site id:	PASI50000070797	GeneralCounter:	74896

**I26**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      SPAW0026224**

Well ID:	2465N	County	BUTLER
Owner's Name:	WRIGHT BRUCE	Longitude:	800253
Latitude:	404202	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	120	Casing1 Diameter(inches):	6
Casing 1:	32	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	8-90
Grouted:	Yes	Production WL:	46
Static Water Level:	46	Yield Measurement Method:	V
Yield (gpm):	12	Test Time:	2
Drawdown:	Not Reported	Driller:	693
Bedrock:	29	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	60	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**I27**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI50000070796**

Objectid:	70796	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2464N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	120	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	22-MAY-14	Dateupdated:	22-MAY-14
Datareliability:	L	Sourcedepthdata:	D
Municipalitycode:	10904		
Latitudedd:	40.70056		
Longitudedd:	-80.0475		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	9
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	01-JUL-89	Pagwis id:	0
Sourcesitedataco:	2	Localpermit:	Not Reported
Latestowner:	70146	Driller scoordme:	0
Latestproduction:	71513	Latestwelluse:	73370
Site id:	PASI50000070796	GeneralCounter:	74895

**I28**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS SPAW0026223**

Well ID:	2464N	County	BUTLER
Owner's Name:	WRIGHT BRUCE	Longitude:	800251
Latitude:	404202	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	120	Casing1 Diameter(inches):	6
Casing 1:	26	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	7-89
Grouted:	Yes	Production WL:	39
Static Water Level:	39	Yield Measurement Method:	E
Yield (gpm):	22	Test Time:	1
Drawdown:	Not Reported	Driller:	693
Bedrock:	23	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	81	Lithology:	SANDSTONE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**J29**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI50000070794**

Objectid:	70794	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2462N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	100	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	22-MAY-14	Dateupdated:	22-MAY-14
Datareliability:	L	Sourcedepthdata:	D
Municipalitycode:	10904		
Latitudedd:	40.70028		
Longitudedd:	-80.04611		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	0
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	01-SEP-86	Pagwis id:	0
Sourcesitedataco:	2	Localpermit:	Not Reported
Latestowner:	70144	Driller scoordme:	0
Latestproduction:	71511	Latestwelluse:	73368
Site id:	PASI50000070794	GeneralCounter:	74893

**J30**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS SPAW0026221**

Well ID:	2462N	County	BUTLER
Owner's Name:	LAHR BILL	Longitude:	800246
Latitude:	404201	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	100	Casing1 Diameter(inches):	6
Casing 1:	28	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	9-86
Grouted:	Yes	Production WL:	45
Static Water Level:	5	Yield Measurement Method:	E
Yield (gpm):	26	Test Time:	1
Drawdown:	Not Reported	Driller:	693
Bedrock:	24	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	55	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**J31**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI50000070795**

Objectid:	70795	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2463N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	80	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	22-MAY-14	Dateupdated:	22-MAY-14
Datareliability:	L	Sourcedepthdata:	D
Municipalitycode:	10904		
Latitudedd:	40.70028		
Longitudedd:	-80.04528		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	0
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	01-AUG-89	Pagwis id:	0
Sourcesitedataco:	2	Localpermit:	Not Reported
Latestowner:	70145	Driller scoordme:	0
Latestproduction:	71512	Latestwelluse:	73369
Site id:	PASI50000070795	GeneralCounter:	74894

**J32**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS SPAW0026222**

Well ID:	2463N	County	BUTLER
Owner's Name:	LAHR BILL	Longitude:	800243
Latitude:	404201	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	80	Casing1 Diameter(inches):	6
Casing 1:	20	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	8-89
Grouted:	Yes	Production WL:	36
Static Water Level:	36	Yield Measurement Method:	E
Yield (gpm):	26	Test Time:	1
Drawdown:	Not Reported	Driller:	693
Bedrock:	17	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	48	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**K33**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI50000070711**

Objectid:	70711	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2379N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	110	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	23-JUN-14	Dateupdated:	23-JUN-14
Datareliability:	L	Sourcedepthdata:	D
Municipalitycode:	10904		
Latitudedd:	40.70167		
Longitudedd:	-80.04722		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	7
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	01-OCT-89	Pagwis id:	0
Sourcesitedataco:	2	Localpermit:	Not Reported
Latestowner:	70061	Driller scoordme:	0
Latestproduction:	71428	Latestwelluse:	73285
Site id:	PASI50000070711	GeneralCounter:	74810

**L34**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI50000070643**

Objectid:	70643	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	1644N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	125	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	20-MAY-14	Dateupdated:	20-MAY-14
Datareliability:	L	Sourcedepthdata:	D
Municipalitycode:	10904		
Latitudedd:	40.7025		
Longitudedd:	-80.05083		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	10
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	01-NOV-83	Pagwis id:	0
Sourcesitedataco:	2	Localpermit:	Not Reported
Latestowner:	69993	Driller scoordme:	0

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latest production: 71360  
Site id: PASI50000070643

Latest well use: 73218  
General Counter: 74742

**K35**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS SPAW0026138**

Well ID:	2379N	County	BUTLER
Owner's Name:	ANDERSON RON	Longitude:	800250
Latitude:	404206	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	110	Casing1 Diameter(inches):	6
Casing 1:	35	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-89
Grouted:	Not Reported	Production WL:	45
Static Water Level:	35	Yield Measurement Method:	B
Yield (gpm):	15	Test Time:	1
Drawdown:	10	Driller:	448
Bedrock:	7	Water Bearing Zone 2:	70
Water Bearing Zone 1:	34	Lithology:	SANDSTONE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

**L36**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS SPAW0026069**

Well ID:	1644N	County	BUTLER
Owner's Name:	CROSS RDS CHURCH	Longitude:	800303
Latitude:	404209	Lat/Long Accuracy:	ACCURATE TO +5 SECONDS
Quadrangle:	MARS	Topographic Setting:	FLAT SURFACE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	PUBLIC SUPPLY	Finish:	PERFORATED OR SLOTTED
Well Depth:	125	Casing1 Diameter(inches):	6
Casing 1:	30	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	11-83
Grouted:	Not Reported	Production WL:	60
Static Water Level:	50	Yield Measurement Method:	B
Yield (gpm):	14	Test Time:	40
Drawdown:	10	Driller:	1613
Bedrock:	17	Water Bearing Zone 2:	35
Water Bearing Zone 1:	15	Lithology:	CLAY
Water Bearing Zone 3:	80	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

**M37**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS SPAW0026149**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	2390N	County	BUTLER
Owner's Name:	DESIESER PAT	Longitude:	800360
Latitude:	404050	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	PUBLIC SUPPLY	Finish:	OPEN HOLE
Well Depth:	176	Casing1 Diameter(inches):	8
Casing 1:	41	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	5-12-92
Grouted:	Yes	Production WL:	Not Reported
Static Water Level:	70	Yield Measurement Method:	Not Reported
Yield (gpm):	200	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	933
Bedrock:	15	Water Bearing Zone 2:	45
Water Bearing Zone 1:	19	Lithology:	SLATE
Water Bearing Zone 3:	60	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

**N38**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS**

**PASI50000070673**

Objectid:	70673	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2341N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	270	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	20-MAY-14	Dateupdated:	20-MAY-14
Datareliability:	L	Sourcedepthdata:	D
Municipalitycode:	10904		
Latitudedd:	40.70361		
Longitudedd:	-80.05194		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	1
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	12-APR-89	Pagwis id:	0
Sourcesitedata:	2	Localpermit:	Not Reported
Latestowner:	70023	Driller scoordme:	0
Latestproduction:	71390	Latestwelluse:	73247
Site id:	PASI50000070673	GeneralCounter:	74772

**M39**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS**

**PASI50000070722**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid:	70722	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2390N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	176	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	21-MAY-14	Dateupdated:	21-MAY-14
Datareliability:	L	Sourcedepthdata:	D
Municipalitycode:	10904		
Latitudedd:	40.68056		
Longitudedd:	-80.06667		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	10
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	12-MAY-92	Pagwis id:	0
Sourcesitedata:	2	Localpermit:	Not Reported
Latestowner:	70072	Driller scoordme:	0
Latestproduction:	71439	Latestwelluse:	73296
Site id:	PASI50000070722	GeneralCounter:	74821

**N40**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      SPAW0026100**

Well ID:	2341N	County	BUTLER
Owner's Name:	FRANCESHINA T	Longitude:	800307
Latitude:	404213	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	270	Casing1 Diameter(inches):	6
Casing 1:	26	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	4-12-89
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	70	Yield Measurement Method:	B
Yield (gpm):	2	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	933
Bedrock:	15	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	70	Lithology:	SLATE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**1**  
**ENE**  
**1/2 - 1 Mile**

**OIL\_GAS PAOG60000114604**

Organizati: Unavailable  
Client nam: PEARCE CARL  
Site name: PEARCE 1 OG WELL  
Primary fa: PEARCE 1  
Client id: 41616  
Pasite id: 14446  
Primary 1: 16197  
Sub facili: PEARCE 1  
Sub faci 1: 29727  
Primary 2: Oil & Gas Location  
Primary 3: NonCoal  
Other faci: 019-01082  
Sub faci 2: Well  
Sother id: 019-01082  
Client rel: Owner  
Site statu: Inactive  
Primary 4: DEP Plugged  
Sub faci 3: 522  
Compliance: YES

Site id: PAOG60000114604

**2**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS PAOG60000137297**

Organizati: SEVEN FLD DEV CO  
Client nam: SEVEN FLD DEV CO  
Site name: SCHENK 1 OG WELL  
Primary fa: SCHENK 1  
Client id: 52332  
Pasite id: 535509  
Primary 1: 556171  
Sub facili: SCHENK 1  
Sub faci 1: 516765  
Primary 2: Oil & Gas Location  
Primary 3: NonCoal  
Other faci: 019-02085  
Sub faci 2: Well  
Sother id: 019-02085  
Client rel: Owner  
Site statu: Abandoned  
Primary 4: DEP Orphan List  
Sub faci 3: 521  
Compliance: YES

Site id: PAOG60000137297

**3**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS PAOG60000089887**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Organizati:	UNKNOWN OPR		
Client nam:	UNKNOWN OPR		
Site name:	MCCARTNEY 1 OG WELL		
Primary fa:	MCCARTNEY 1		
Client id:	40263		
Pasite id:	537942		
Primary 1:	557927		
Sub facili:	MCCARTNEY 1		
Sub faci 1:	523605		
Primary 2:	Oil & Gas Location		
Primary 3:	NonCoal		
Other faci:	019-02090		
Sub faci 2:	Well		
Sother id:	019-02090		
Client rel:	Owner		
Site statu:	Abandoned		
Primary 4:	Abandoned		
Sub faci 3:	525		
Compliance:	YES	Site id:	PAOG60000089887

### 4 East 1/2 - 1 Mile

OIL\_GAS PAOG60000133384

Organizati:	Unavailable		
Client nam:	WOODWARD EARL R SR		
Site name:	WOODWARD 1 OG WELL		
Primary fa:	WOODWARD 1		
Client id:	2611		
Pasite id:	15535		
Primary 1:	17286		
Sub facili:	WOODWARD 1		
Sub faci 1:	30816		
Primary 2:	Oil & Gas Location		
Primary 3:	NonCoal		
Other faci:	019-20714		
Sub faci 2:	Well		
Sother id:	019-20714		
Client rel:	Owner		
Site statu:	Inactive		
Primary 4:	Plugged OG Well		
Sub faci 3:	361		
Compliance:	YES	Site id:	PAOG60000133384

### 5 NNW 1/2 - 1 Mile

OIL\_GAS PAOG60000127634

Organizati:	Unavailable		
Client nam:	PETERS JOHN B		
Site name:	RAUPP FMLY TM MARSHALL 1 OG WELL		
Primary fa:	RAUPP FMLY TM MARSHALL 1		
Client id:	45581		
Pasite id:	15432		
Primary 1:	17183		
Sub facili:	RAUPP FMLY TM MARSHALL 1		
Sub faci 1:	30713		
Primary 2:	Oil & Gas Location		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Primary 3:	NonCoal		
Other faci:	019-20574		
Sub faci 2:	Well		
Sother id:	019-20574		
Client rel:	Owner		
Site statu:	Inactive		
Primary 4:	DEP Plugged		
Sub faci 3:	522		
Compliance:	YES	Site id:	PAOG60000127634

# 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
16046	1901	0	149.2	5.7

EPA Region 3 Statistical Summary Readings for Zip Code: 16046

Number of sites tested: 394.

Maximum Radon Level: 109.6 pCi/L.

Minimum Radon Level: 0.3 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
235 (59.64%)	100 (25.38%)	36 (9.14%)	20 (5.08%)	2 (0.51%)	1 (0.25%)

Federal EPA Radon Zone for BUTLER County: 1

Note: Zone 1 indoor average level > 4 pCi/L.  
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
: Zone 3 indoor average level < 2 pCi/L.



# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetlands Inventory

Source: Pennsylvania Spatial Data Access

Telephone: 610-344-6105

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

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

### STATSGO: State Soil Geographic Database

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

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

### SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

### STATE RECORDS

#### Pennsylvania 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

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

### STREET AND ADDRESS INFORMATION

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**SR 0228 Mars - Franklin Rd To Myoma Road**

1001 PA-228

Cranberry Township, PA 16066

Inquiry Number: 4883746.5

March 27, 2017

# The EDR-City Directory Image Report

**Environmental Data Resources Inc**

6 Armstrong Road  
Shelton, CT 06484  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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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 Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### RESEARCH SUMMARY

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

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2013	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2008	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2003	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1999	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1992	<input type="checkbox"/>	<input type="checkbox"/>	Cole Information Services

### RECORD SOURCES

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## FINDINGS

### TARGET PROPERTY STREET

1001 PA-228  
Cranberry Township, PA 16066

Year

CD Image

Source

### ROUTE 228

2013	pg A2	Cole Information Services	
2008	pg A4	Cole Information Services	
2003	pg A6	Cole Information Services	
1999	pg A8	Cole Information Services	
1995	pg A10	Cole Information Services	
1992	-	Cole Information Services	Street not listed in Source

## FINDINGS

### CROSS STREETS

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

### MARS CRIDERS RD

2013	-	Cole Information Services	Street not listed in Source
2008	-	Cole Information Services	Street not listed in Source
2003	-	Cole Information Services	Street not listed in Source
1999	-	Cole Information Services	Street not listed in Source
1995	-	Cole Information Services	Street not listed in Source
1992	-	Cole Information Services	Street not listed in Source

### SEVEN FIELDS BLVD

2013	pg. A3	Cole Information Services	
2008	pg. A5	Cole Information Services	
2003	pg. A7	Cole Information Services	
1999	pg. A9	Cole Information Services	
1995	-	Cole Information Services	Street not listed in Source
1992	-	Cole Information Services	Street not listed in Source

## **City Directory Images**

**ROUTE 228****2013**

502	OCCUPANT UNKNOWN
506	OCCUPANT UNKNOWN
520	MARS AREA SCHOOL DISTRICT
521	MARS HOME FOR YOUTH
530	OCCUPANT UNKNOWN
532	OCCUPANT UNKNOWN
534	OCCUPANT UNKNOWN
540	EDWARD JACKSON
	MARSBETHEL GOLF
545	MARS AREA SCHOOL DISTRICT
547	MARS AREA SCHOOL DISTRICT
549	MARS AREA SCHOOL DISTRICT
568	ARTHUR STEWART
572	ROBERT MCKEE
582	MARK SCHAFER



**SEVEN FIELDS BLVD****2013**

100	HOWARD HANNA NEW HOMES DIVISION
	RITE AID PHARMACY
	SEVEN FIELDS SALES CENTER
200	NATIONAL CITY BANK
204	GETGO
206	CITIZENS BANK
	GIANT EAGLE
	GIANT EAGLE PHARMACY
	PA WINE & SPIRITS STORE 1010
300	HARSCO METALS AMERICAS
	SINKO LAW OFFICE
	WAYNESBURG COLLEGE NORTH HILLS CENTE
	WHITMAN REQUARDT & ASSOCIATES
310	A R BUILDING CO
	KENNETH FALER
	REX ENERGY OPERATING CORP
	THE SPINE & HEALTH CENTER OF P
500	WORTHINGTON AT ADAMS

**ROUTE 228****2008**

502	DENNIS LIKENS
506	EUGENE PHILLIPS
520	KEY BANK
	MARS AREA SCHOOL DISTRICT
521	MARS AREA SOCCER CLUB
	MARS HOME FOR YOUTH
540	EDWARD JACKSON
	MARS BETHEL GOLF COURSE
545	MARS AREA SCHOOL DISTRICT
547	MARS PRIMARY CENTER
549	MARS AREA SCHOOL DISTRICT
568	ARTHUR STEWART
572	ROBERT MCKEE
582	MARK SCHAFER

**SEVEN FIELDS BLVD****2008**

206	CITIZENS BANK
	GIANT EAGLE
300	WHITMAN REQUARDT & ASSOCIATES
500	WORTHINGTON AT ADAMS

## ROUTE 228

2003

502	DENNIS LIKENS
506	EUGENE PHILLIPS
520	BONNIE BOTTI
	MARS AREA SCHOOL DIST ATHLETIC
521	DENA HORNER
	MARS AREA SOCCER CLUB
	MARS HOME FOR YOUTH
530	SEAN ONEILL
532	KELLI TARBOLI
534	DANIEL CARR
540	GERTRUDE JACKSON
	MARS BETHEL GOLF
545	MARS AREA SCHOOL DIST
549	MARS AREA SCHL DIST MARS PRMRY
568	ARTHUR STEWART
572	ROBERT MCKEE
582	MARK SCHAFER

**SEVEN FIELDS BLVD****2003**

100 DAVID PROGAR  
101 CHARLEROI FEDERAL SAVINGS BANK  
500 C WENIGER  
CLARA HARNED  
DOROTHY BRUGGEMAN  
JEAN GREER  
NATALIE HAMARA  
PAUL KANONCHOFF  
WORTHINGTON AT ADAMS  
ZORA DOHN



**ROUTE 228****1999**

0	B HESPENHEIDE
	ERIC URBANOWICZ
	MARK PUGLIESE
	PAUL COPE
521	JAMIE DAVENPORT
532	C PETROSKY
534	KELLY BRUCE
540	JOHN HOOTEN
568	ARTHUR STEWART
572	ROBERT MCKEE

**SEVEN FIELDS BLVD**

**1999**

101 CHARLEROI FEDERAL SAVINGS BANK

## ROUTE 228

1995

0	BROOKLEY, FRANK N
	COPE, PAUL
	DAMBACH, KELLY
	DASCHBACH, M A
	LAURENTI, L A
	PEARCE, CARL
	PHILLIPS, EUGENE G JR
	PUGLIESE, MARK
	VOGEL, JEROME
115	FREE ENERGY
130	SANSOM, C
131	CAMPBELL, CHARLES E III
520	MARS AREA SENIOR HIGH SCHOOL
545	MARS AREA SCHOOL DISTRICT
547	ADAMS ELEMENTARY SCHOOL
568	STEWART, ARTHUR L
572	MCKEE, ROBERT W



SR0228 Mars - Myoma Rd To East of Pittsburgh St

899 PA-228

Mars, PA 16046

Inquiry Number: 4883757.3

March 20, 2017

## Certified Sanborn® Map Report



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

## Certified Sanborn® Map Report

03/20/17

**Site Name:**

SR0228 Mars - Myoma Rd To I  
899 PA-228  
Mars, PA 16046  
EDR Inquiry # 4883757.3

**Client Name:**

The Markosky Engineering Group Inc  
223 East Main Street  
Ligonier, PA 15658  
Contact: Amanda Brown



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### Certified Sanborn Results:

**Certification #** D30D-44B5-B320

**PO #** NA

**Project** SR228- Myoma to Pittsburgh

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Sanborn® Library search results

Certification #: D30D-44B5-B320

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

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

*The Sanborn Library LLC Since 1866™*

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SR0228 Mars - Myoma Rd To East of Pittsburgh St

899 PA-228

Mars, PA 16046

Inquiry Number: 4883757.4

March 20, 2017

# EDR Historical Topo Map Report

with QuadMatch™



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

# EDR Historical Topo Map Report

03/20/17

**Site Name:**

SR0228 Mars - Myoma Rd To I  
899 PA-228  
Mars, PA 16046  
EDR Inquiry # 4883757.4

**Client Name:**

The Markosky Engineering Group Inc  
223 East Main Street  
Ligonier, PA 15658  
Contact: Amanda Brown



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by The Markosky Engineering Group Inc were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

**Search Results:****Coordinates:**

<b>P.O.#</b>	NA	<b>Latitude:</b>	40.696262 40° 41' 47" North
<b>Project:</b>	SR228- Myoma to Pittsburgh	<b>Longitude:</b>	-80.035141 -80° 2' 7" West
		<b>UTM Zone:</b>	Zone 17 North
		<b>UTM X Meters:</b>	581518.07
		<b>UTM Y Meters:</b>	4505487.73
		<b>Elevation:</b>	1135.37' above sea level

**Maps Provided:**

2013  
1979  
1969  
1953  
1908  
1906

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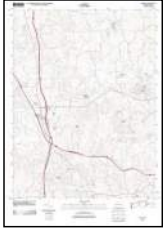
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## ***Topo Sheet Key***

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

### **2013 Source Sheets**



Mars  
2013  
7.5-minute, 24000

### **1979 Source Sheets**



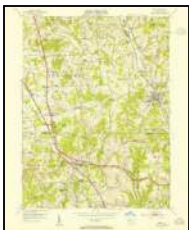
Mars  
1979  
7.5-minute, 24000  
Aerial Photo Revised 1977

### **1969 Source Sheets**



Mars  
1969  
7.5-minute, 24000  
Aerial Photo Revised 1969

### **1953 Source Sheets**



Mars  
1953  
7.5-minute, 24000  
Aerial Photo Revised 1952

## ***Topo Sheet Key***

---

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

### **1908 Source Sheets**



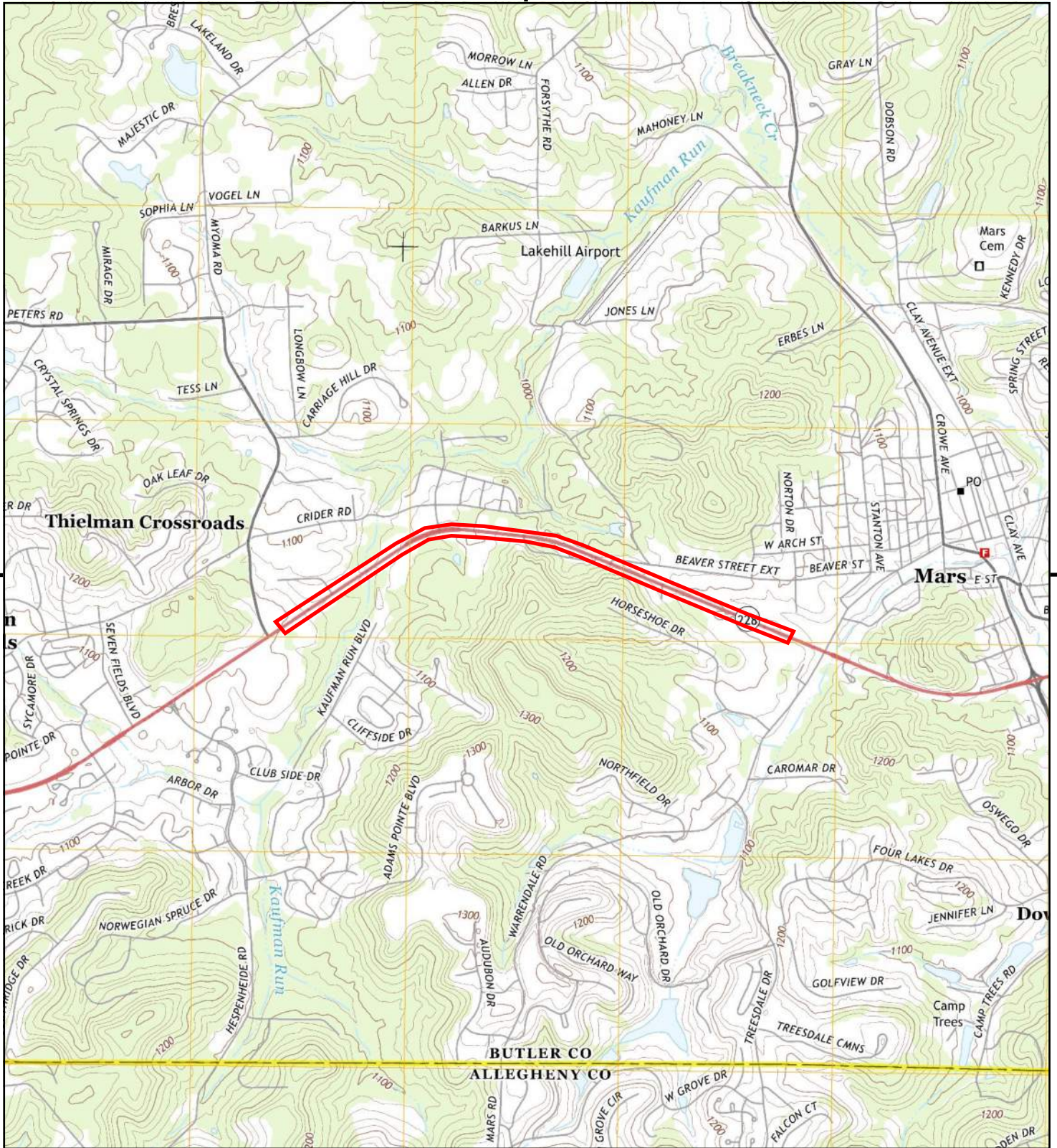
Sewickley  
1908  
15-minute, 62500

### **1906 Source Sheets**



Sewickley  
1906  
15-minute, 62500





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

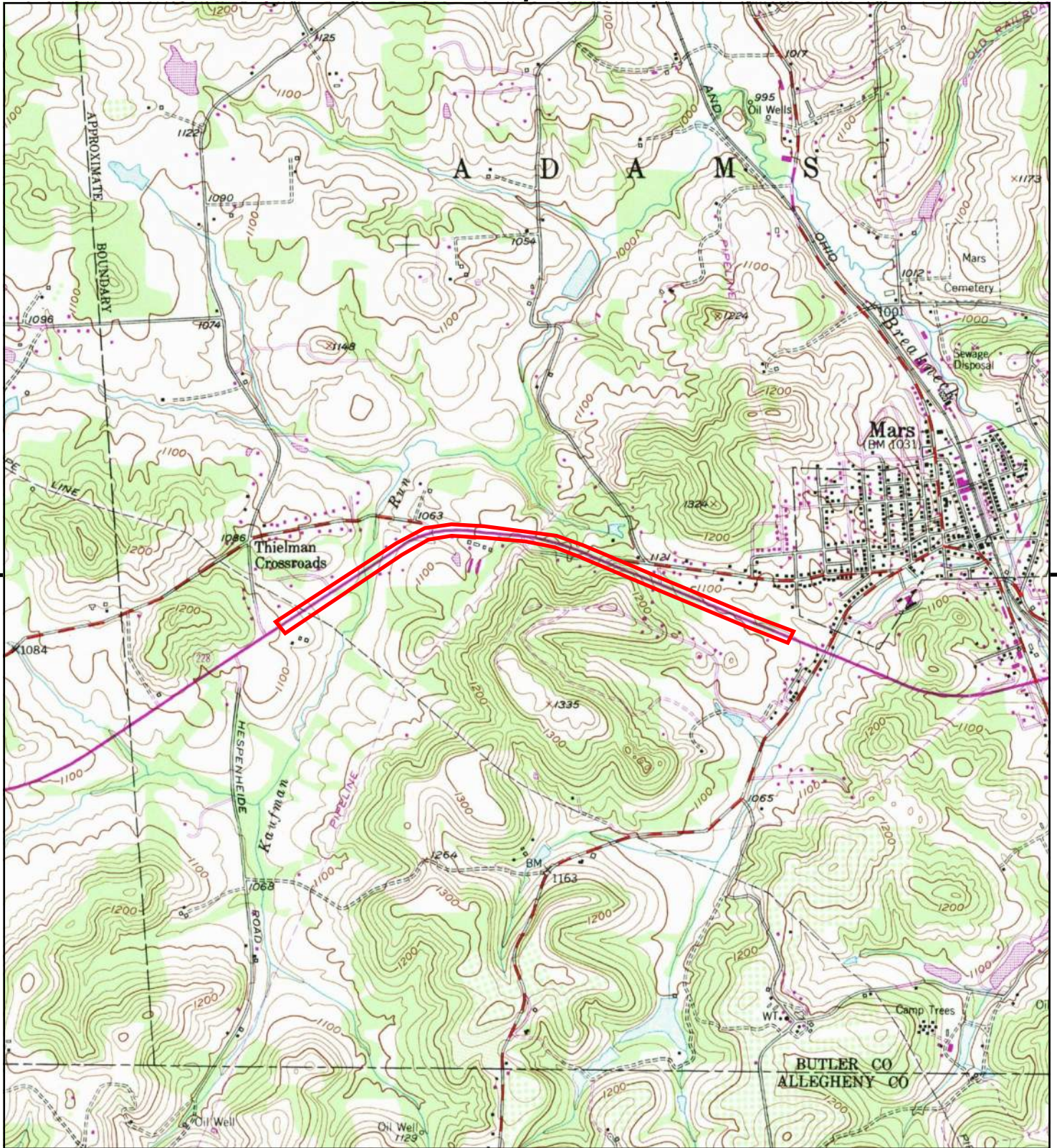


TP, Mars, 2013, 7.5-minute

SITE NAME: SR0228 Mars - Myoma Rd To East of Pitt  
 ADDRESS: 899 PA-228  
 Mars, PA 16046  
 CLIENT: The Markosky Engineering Group Inc







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

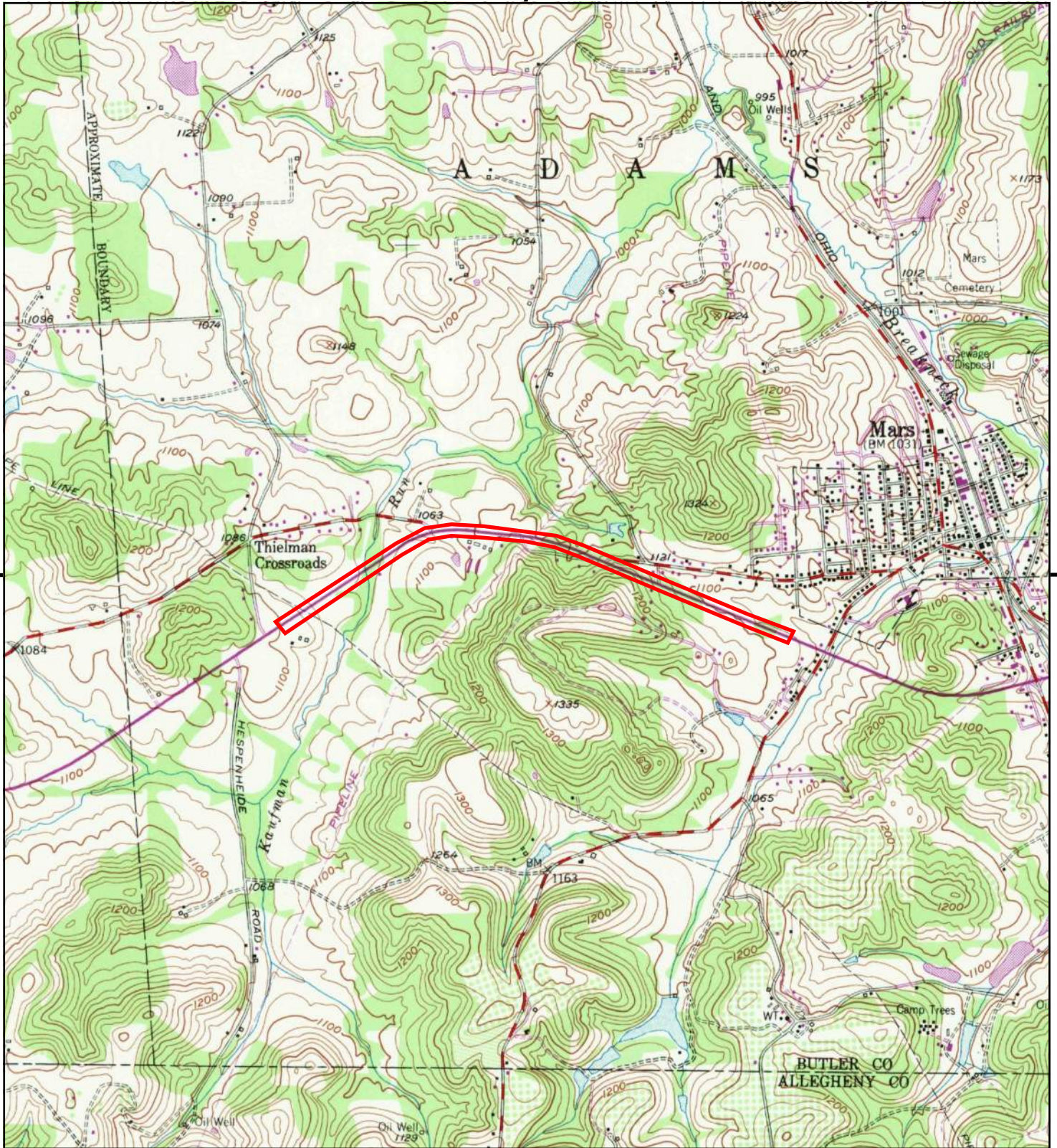


TP, Mars, 1979, 7.5-minute

SITE NAME: SR0228 Mars - Myoma Rd To East of Pitt  
 ADDRESS: 899 PA-228  
 Mars, PA 16046  
 CLIENT: The Markosky Engineering Group Inc







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

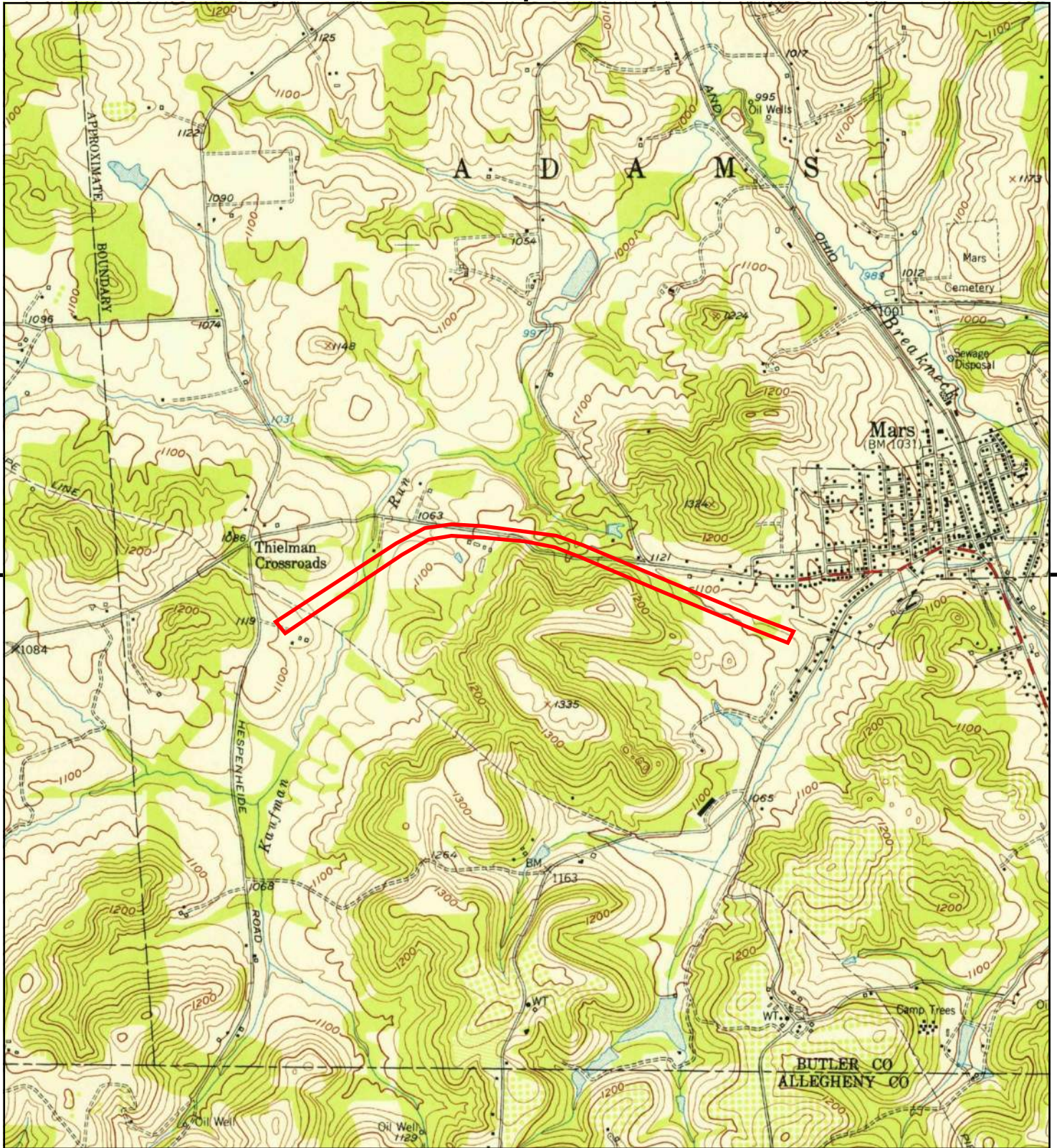


TP, Mars, 1969, 7.5-minute

SITE NAME: SR0228 Mars - Myoma Rd To East of Pitt  
 ADDRESS: 899 PA-228  
 Mars, PA 16046  
 CLIENT: The Markosky Engineering Group Inc







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

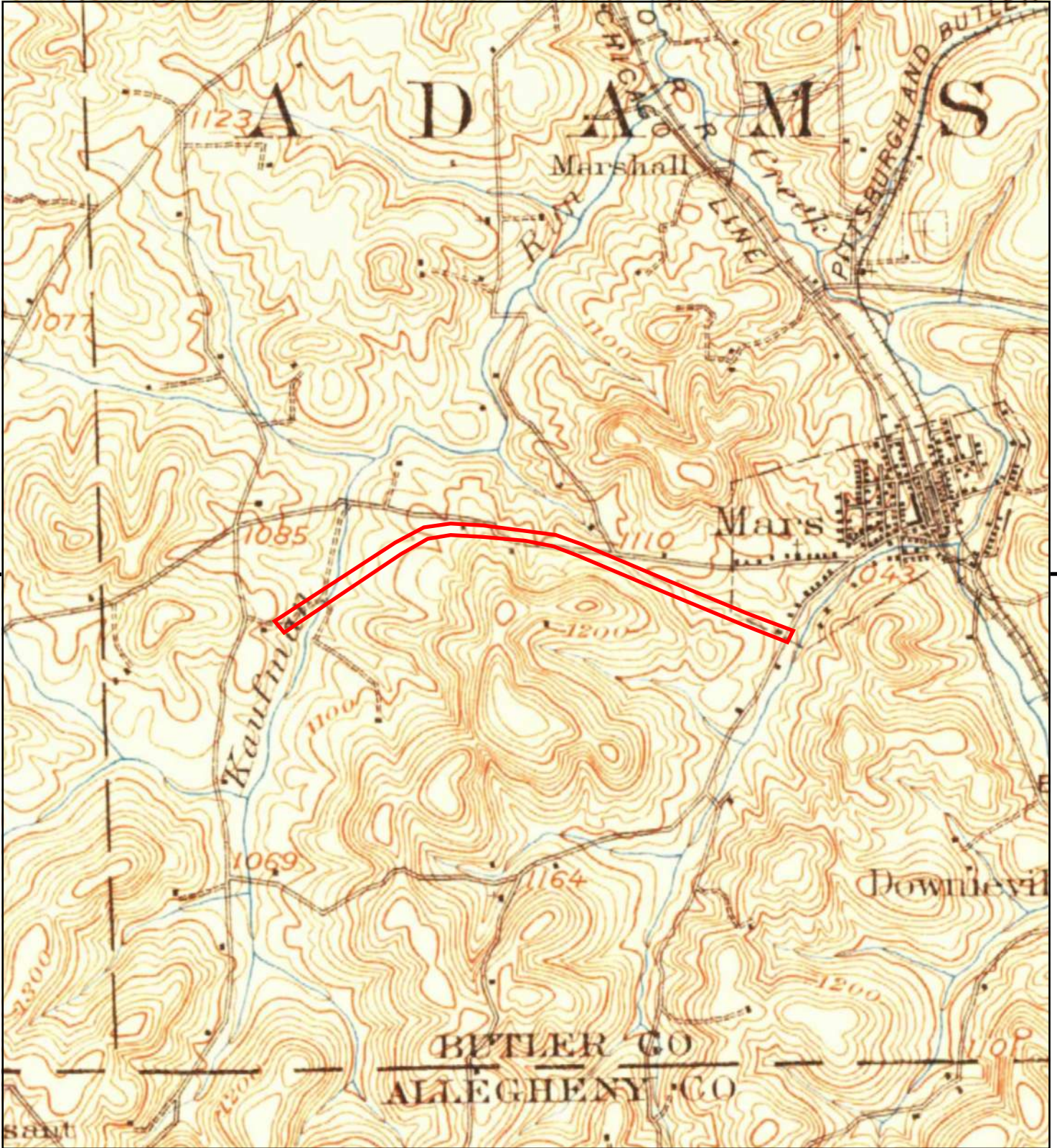


TP, Mars, 1953, 7.5-minute

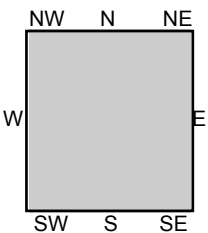
SITE NAME: SR0228 Mars - Myoma Rd To East of Pitt  
 ADDRESS: 899 PA-228  
 Mars, PA 16046  
 CLIENT: The Markosky Engineering Group Inc







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

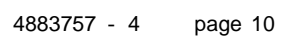


TP, Sewickley, 1908, 15-minute

SITE NAME: SR0228 Mars - Myoma Rd To East of Pitt  
 ADDRESS: 899 PA-228  
 Mars, PA 16046  
 CLIENT: The Markosky Engineering Group Inc











SR0228 Mars - Myoma Rd To East of Pittsburgh St

899 PA-228

Mars, PA 16046

Inquiry Number: 4883757.9

March 22, 2017

## The EDR Aerial Photo Decade Package



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

## EDR Aerial Photo Decade Package

03/22/17

**Site Name:**

SR0228 Mars - Myoma Rd To I  
899 PA-228  
Mars, PA 16046  
EDR Inquiry # 4883757.9

**Client Name:**

The Markosky Engineering Group Inc  
223 East Main Street  
Ligonier, PA 15658  
Contact: Amanda Brown



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

**Search Results:**

<b><u>Year</u></b>	<b><u>Scale</u></b>	<b><u>Details</u></b>	<b><u>Source</u></b>
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2008	1"=500'	Flight Year: 2008	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=750'	Flight Date: May 10, 2002	USGS
1993	1"=500'	Acquisition Date: April 07, 1993	USGS/DOQQ
1990	1"=500'	Flight Date: August 31, 1990	NAPP
1982	1"=500'	Flight Date: July 11, 1982	NHAP
1975	1"=500'	Flight Date: May 11, 1975	USDI
1973	1"=500'	Flight Date: March 27, 1973	USDA
1969	1"=500'	Flight Date: March 16, 1969	USGS
1967	1"=500'	Flight Date: September 12, 1967	USDA
1958	1"=500'	Flight Date: June 14, 1958	USDA
1952	1"=500'	Flight Date: April 09, 1952	USGS
1947	1"=500'	Flight Date: April 13, 1947	USGS
1938	1"=500'	Flight Date: August 29, 1938	USDA

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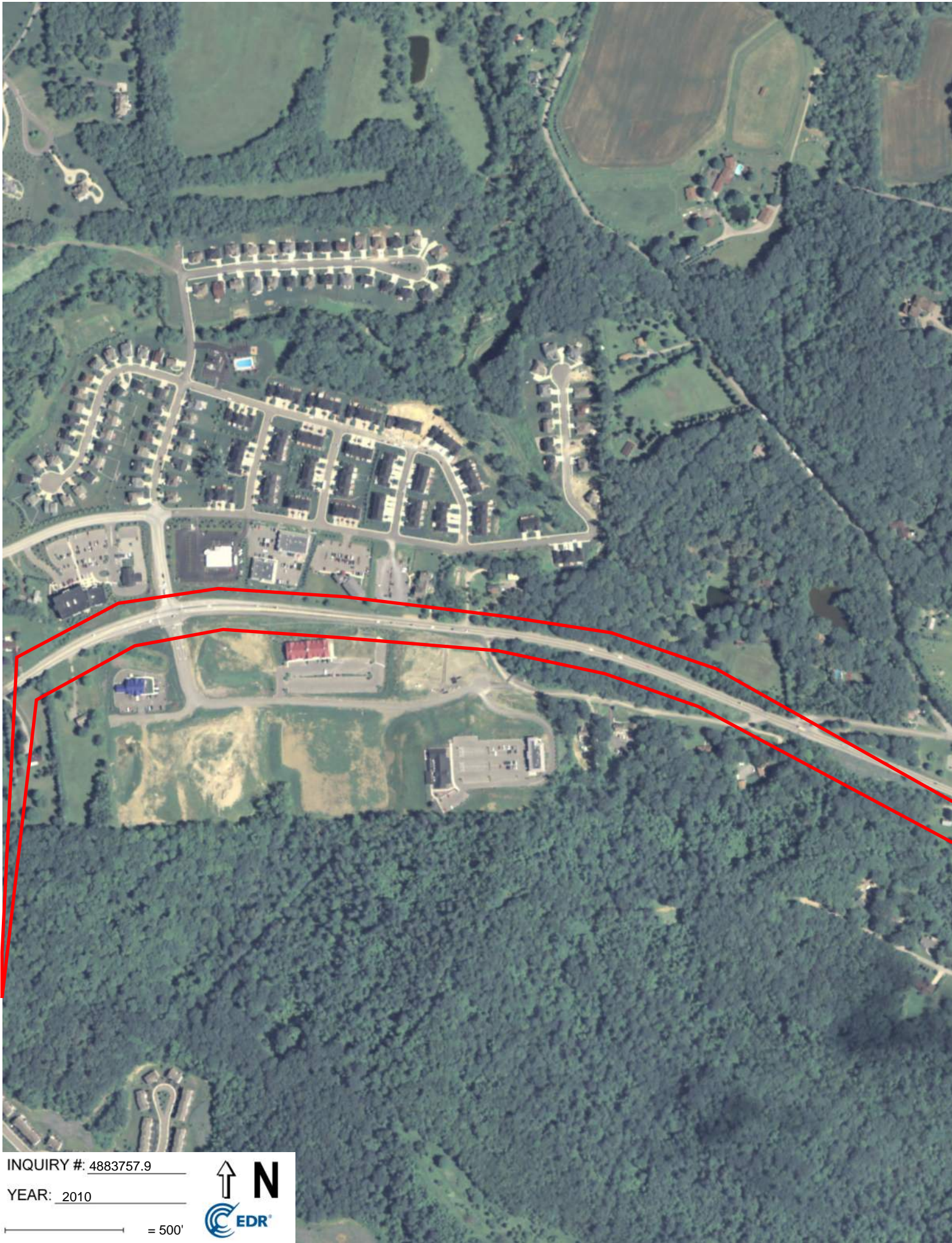
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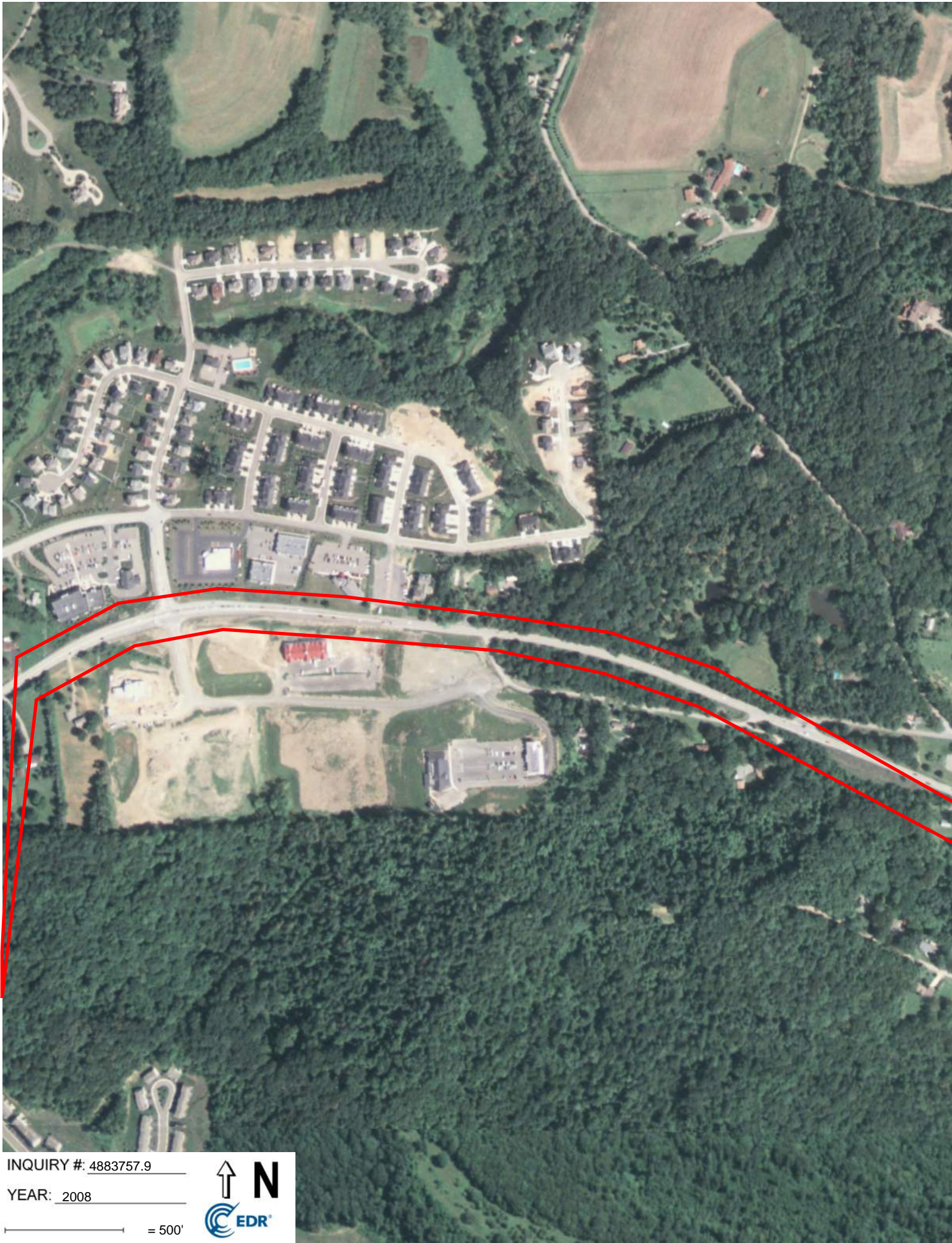
INQUIRY #: 4883757.9

YEAR: 2010

— = 500'







INQUIRY #: 4883757.9

YEAR: 2008

— = 500'







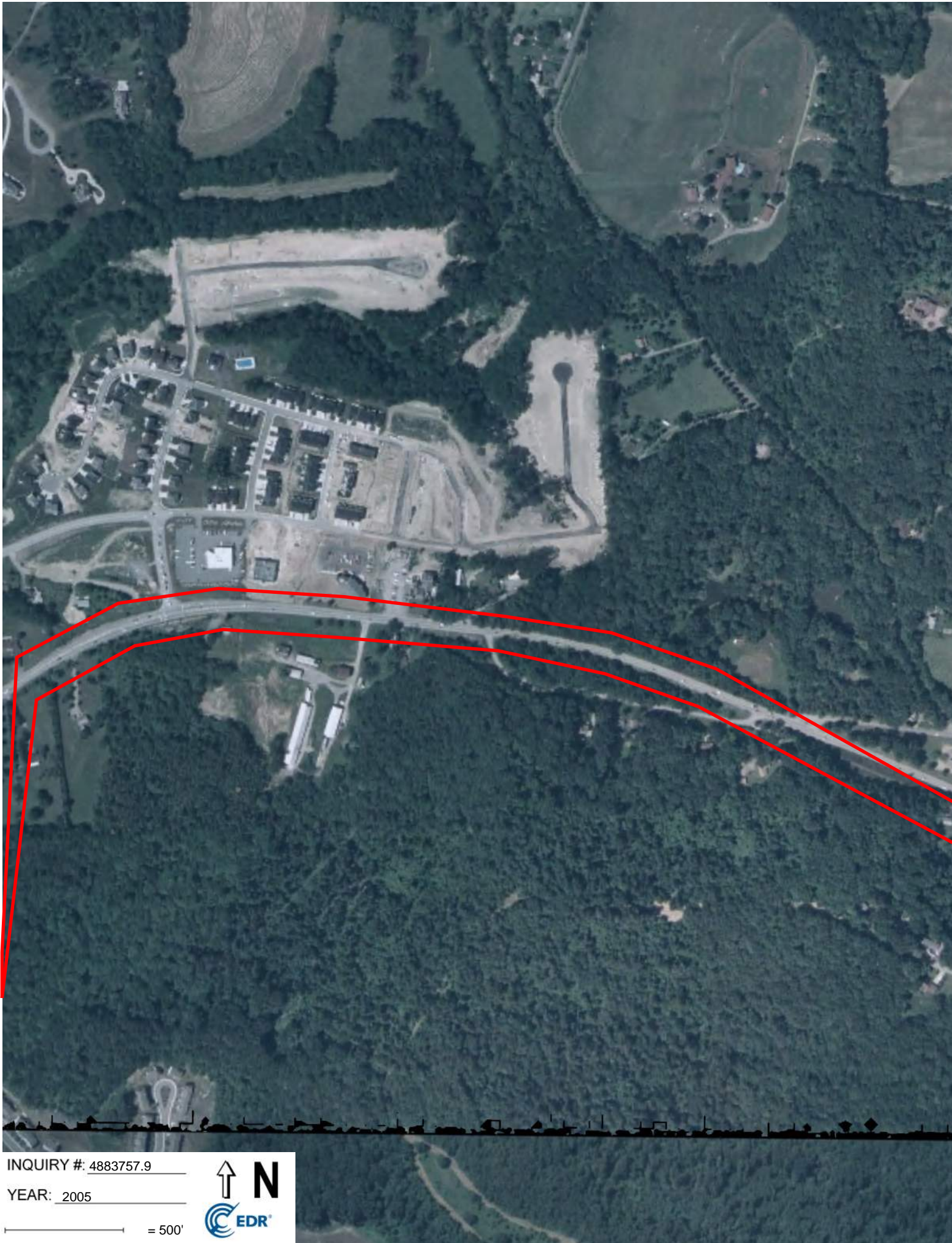
INQUIRY #: 4883757.9

YEAR: 2006

— = 500'







INQUIRY #: 4883757.9

YEAR: 2005

— = 500'







INQUIRY #: 4883757.9

YEAR: 2002

— = 750'





INQUIRY #: 4883757.9

YEAR: 1993

— = 500'







INQUIRY #: 4883757.9

YEAR: 1990

— = 500'







INQUIRY #: 4883757.9

YEAR: 1982

— = 500'







INQUIRY #: 4883757.9

YEAR: 1975

— = 500'







INQUIRY #: 4883757.9

YEAR: 1973

— = 500'







INQUIRY #: 4883757.9

YEAR: 1969

— = 500'







INQUIRY #: 4883757.9

YEAR: 1967

— = 500'







INQUIRY #: 4883757.9

YEAR: 1958

— = 500'







INQUIRY #: 4883757.9

YEAR: 1952

— = 500'





INQUIRY #: 4883757.9

YEAR: 1947

— = 500'







INQUIRY #: 4883757.9

YEAR: 1938

— = 500'



**SR0228 Mars - Myoma Rd To East of Pittsburgh St**

899 PA-228

Mars, PA 16046

Inquiry Number: 4883757.2s

March 20, 2017

## The EDR Radius Map™ Report with GeoCheck®



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



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***Thank you for your business.***  
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with any questions or comments.

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## EXECUTIVE SUMMARY

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

### TARGET PROPERTY INFORMATION

#### ADDRESS

899 PA-228  
MARS, PA 16046

#### COORDINATES

Latitude (North):	40.6962620 - 40° 41' 46.54"
Longitude (West):	80.0351410 - 80° 2' 6.50"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	581520.2
UTM Y (Meters):	4505276.5
Elevation:	1137 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5947661 MARS, PA
Version Date:	2013
East Map:	5949896 VALENCIA, PA
Version Date:	2013

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150522, 20150914, 20150731
Source:	USDA

# MAPPED SITES SUMMARY

Target Property Address:  
899 PA-228  
MARS, PA 16046

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">1</a>	CONCAST METAL PRODUC	MARS & MYOMA RDS	MANIFEST	Lower	257, 0.049, WSW
<a href="#">2</a>	HESPENHEIDE FARM	RTE 228	LUST	Lower	304, 0.058, WSW
<a href="#">A3</a>	CLASSIC AUTOMOTIVE I	758 RT 228	RCRA-CESQG	Lower	1000, 0.189, ESE
<a href="#">A4</a>	CLASSIC AUTOMOTIVE I	758 ROUTE 228	MANIFEST	Lower	1000, 0.189, ESE

## EXECUTIVE SUMMARY

### TARGET PROPERTY SEARCH RESULTS

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

### DATABASES WITH NO MAPPED SITES

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

### STANDARD ENVIRONMENTAL RECORDS

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

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

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

Delisted NPL..... National Priority List Deletions

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

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

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

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

#### ***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

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

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



## EXECUTIVE SUMMARY

### ***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***

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

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

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

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

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

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

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

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

## EXECUTIVE SUMMARY

IHS OPEN DUMPS..... Open Dumps on Indian Land

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

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

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

ARCHIVE UST..... Archived Underground Storage Tank Sites  
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  
SPILLS..... State spills

### **Other Ascertainable Records**

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated  
FUDS..... Formerly Used Defense Sites  
DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
US FIN ASSUR..... Financial Assurance Information  
EPA WATCH LIST..... EPA WATCH LIST  
2020 COR ACTION..... 2020 Corrective Action Program List  
TSCA..... Toxic Substances Control Act  
TRIS..... Toxic Chemical Release Inventory System  
SSTS..... Section 7 Tracking Systems  
ROD..... Records Of Decision  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
PRP..... Potentially Responsible Parties  
PADS..... PCB Activity Database System  
ICIS..... Integrated Compliance Information System  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
MLTS..... Material Licensing Tracking System  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
RADINFO..... Radiation Information Database  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
DOT OPS..... Incident and Accident Data  
CONSENT..... Superfund (CERCLA) Consent Decrees  
INDIAN RESERV..... Indian Reservations  
FUSRAP..... Formerly Utilized Sites Remedial Action Program  
UMTRA..... Uranium Mill Tailings Sites  
LEAD SMELTERS..... Lead Smelter Sites  
US AIRS..... Aerometric Information Retrieval System Facility Subsystem

## EXECUTIVE SUMMARY

US MINES.....	Mines Master Index File
FINDS.....	Facility Index System/Facility Registry System
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
AIRS.....	Permit and Emissions Inventory Data
DRYCLEANERS.....	Drycleaner Facility Locations
MINES.....	MINES
NPDES.....	NPDES Permit Listing
UIC.....	Underground Injection Wells
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
ABANDONED MINES.....	Abandoned Mines

### EDR HIGH RISK HISTORICAL RECORDS

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

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

### EDR RECOVERED GOVERNMENT ARCHIVES

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

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

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

### STANDARD ENVIRONMENTAL RECORDS

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

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

## EXECUTIVE SUMMARY

exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 12/12/2016 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CLASSIC AUTOMOTIVE I	758 RT 228	ESE 1/8 - 1/4 (0.189 mi.)	A3	12

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

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

A review of the LUST list, as provided by EDR, and dated 12/12/2016 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HESPENHEIDE FARM Facility Id: 584337	RTE 228	WSW 0 - 1/8 (0.058 mi.)	2	12

### **ADDITIONAL ENVIRONMENTAL RECORDS**

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

MANIFEST: Hazardous waste manifest information.

A review of the MANIFEST list, as provided by EDR, and dated 12/31/2015 has revealed that there are 2 MANIFEST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CONCAST METAL PRODUC Generator EPA Id: PAD000765651	MARS & MYOMA RDS	WSW 0 - 1/8 (0.049 mi.)	1	8
CLASSIC AUTOMOTIVE I Generator EPA Id: PAR000508689	758 ROUTE 228	ESE 1/8 - 1/4 (0.189 mi.)	A4	14

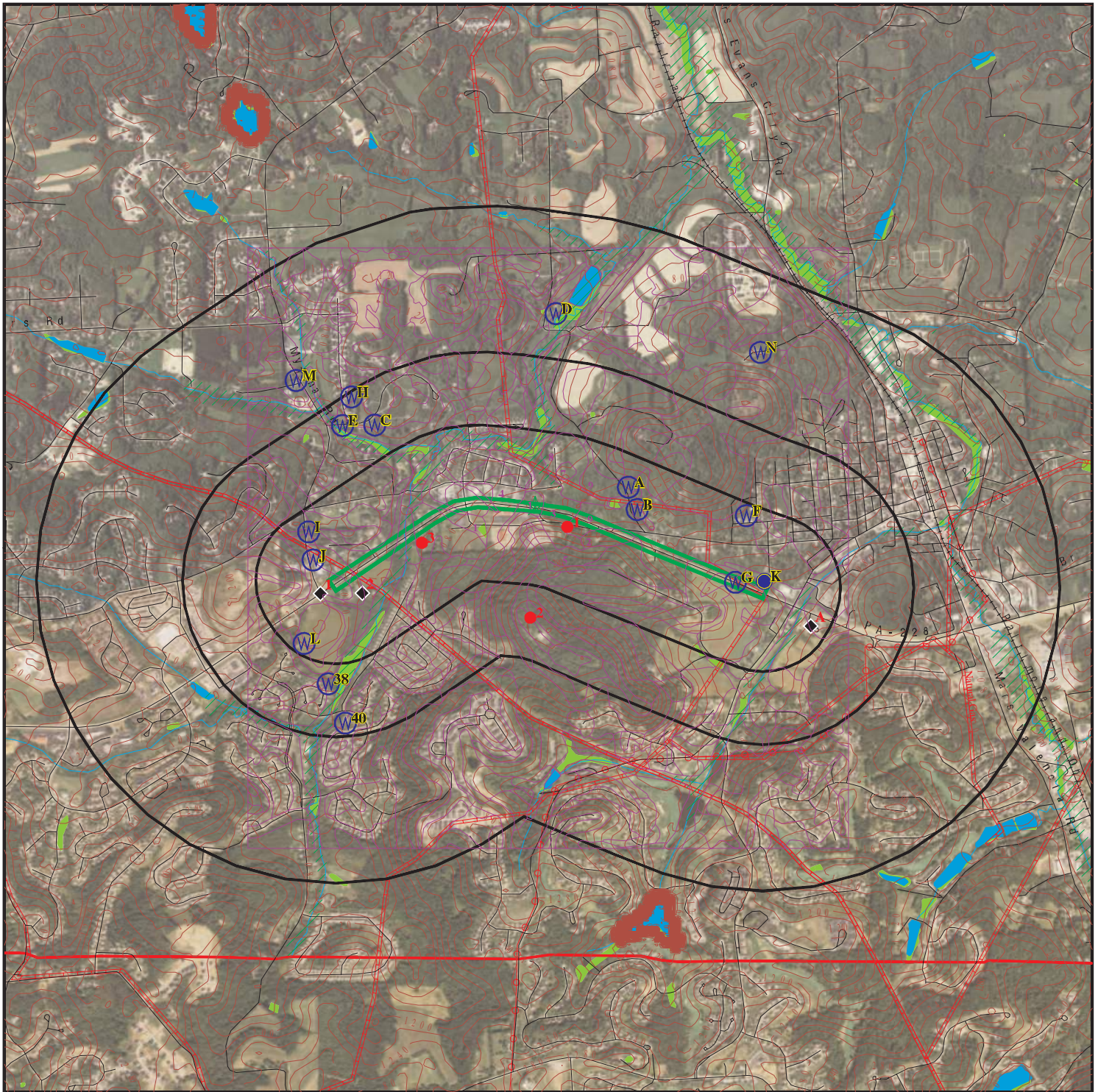


## EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
WARRENDALE PLATING CO	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA NonGen / NLR, 2020 COR ACTION
ROESSING BRONZE	SEMS-ARCHIVE

# OVERVIEW MAP - 4883757.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

County Boundary

Power transmission lines

Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands



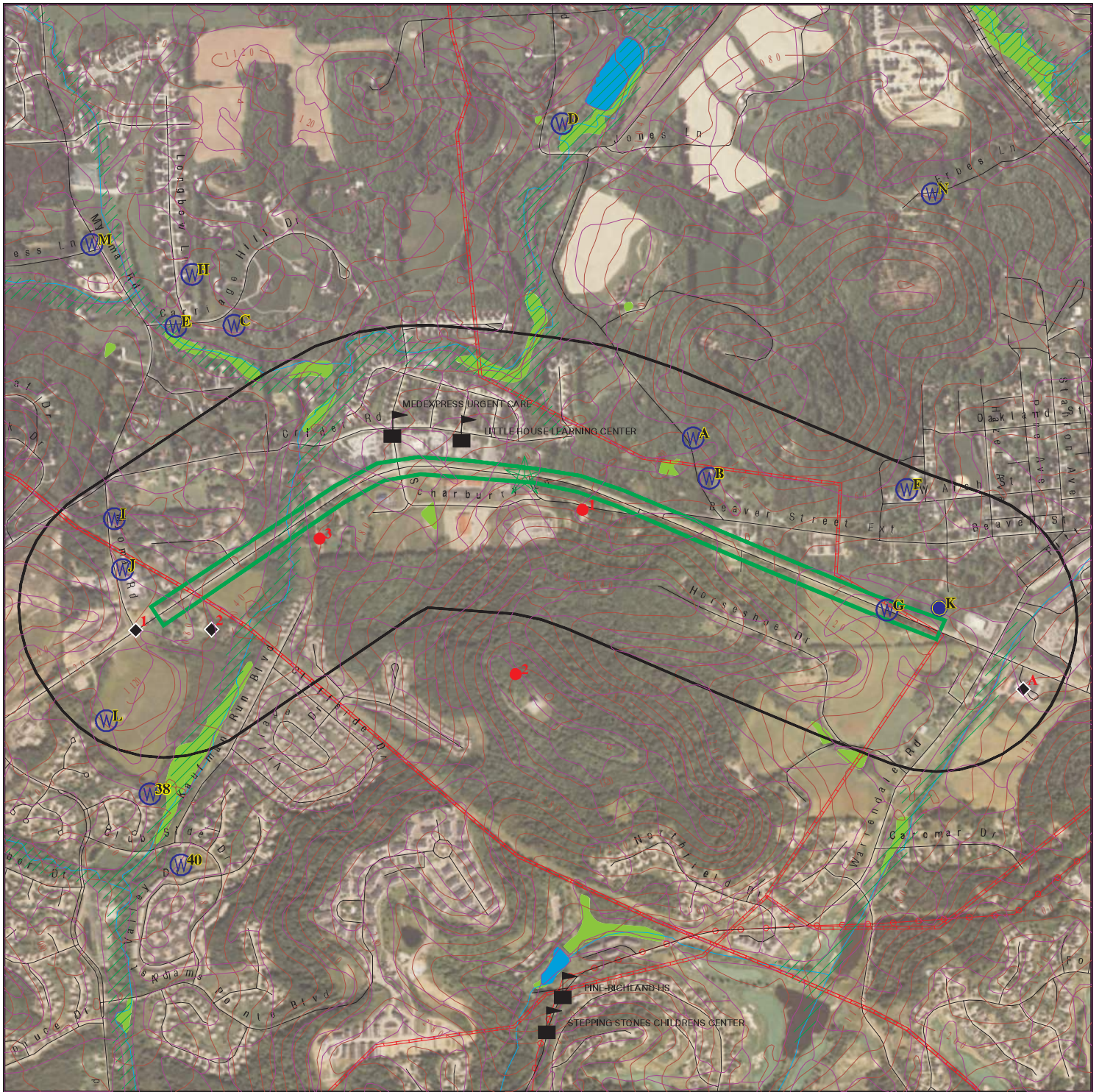
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: SR0228 Mars - Myoma Rd To East of Pittsburgh St  
 ADDRESS: 899 PA-228  
 Mars PA 16046  
 LAT/LONG: 40.696262 / 80.035141

CLIENT: The Markosky Engineering Group Inc  
 CONTACT: Amanda Brown  
 INQUIRY #: 4883757.2s  
 DATE: March 20, 2017 8:03 pm



# DETAIL MAP - 4883757.2S



- Legend:

  - 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
  - Power transmission lines
  - Pipelines
  - 100-year flood zone
  - 500-year flood zone
  - National Wetland Inventory
  - State Wetlands

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

SITE NAME: SR0228 Mars - Myoma Rd To East of Pittsburgh St  
ADDRESS: 899 PA-228  
Mars PA 16046  
LAT/LONG: 40.696262 / 80.035141

CLIENT: The Markosky Engineering Group Inc  
CONTACT: Amanda Brown  
INQUIRY #: 4883757.2s  
DATE: March 20, 2017 8:06 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
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	1	NR	NR	NR	1
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL</i></b>								
SHWS	1.000		0	0	0	0	NR	0
HSCA	1.000		0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LAST	0.500		0	0	0	NR	NR	0
LUST	0.500		1	0	0	NR	NR	1
INDIAN LUST	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
UNREG LTANKS	0.500		0	0	0	NR	NR	0
<b>State and tribal registered storage tank lists</b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
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
<b>State and tribal institutional control / engineering control registries</b>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
AUL	0.500		0	0	0	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
ARCHIVE UST	0.250		0	0	NR	NR	NR	0
ARCHIVE AST	TP		NR	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
ACT 2-DEED	0.500		0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

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

### **EDR HIGH RISK HISTORICAL RECORDS**

#### **EDR Exclusive Records**

EDR MGP	1.000		0	0	0	0	NR	0
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## 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
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<b><u>EDR RECOVERED GOVERNMENT ARCHIVES</u></b>								
<b><i>Exclusive Recovered Govt. Archives</i></b>								
RGA HWS	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	2	2	0	0	0	4

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

1  
WSW  
< 1/8  
0.049 mi.  
257 ft.

**CONCAST METAL PRODUCTS**  
**MARS & MYOMA RDS**  
**MARS, PA 16046**

**MANIFEST** **S111771876**  
**N/A**

**Relative:**  
**Lower**

Manifest Details:

Year: 2005  
Manifest Number: NYG3289473  
Manifest Type: Generator Copy  
Generator EPA Id: PAD000765651  
Generator Date: 04/06/2005  
Mailing Address: PO BOX 816  
Mailing City,St,Zip: MARS, PA 16046  
Contact Name: ALFRED BARBOUR  
Contact Phone: 412-538-4000  
TSD EPA Id: NYD049836679  
TSD Date: 04/07/2005  
TSD Facility Name: C W M CHEMICAL SERVICES LLC  
TSD Facility Address: 1550 BALMER RD  
TSD Facility City: MODEL CITY  
TSD Facility State: NY  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D008  
Container Number: 24  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 19450  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: OHD009865825  
Date TSP Sig: 04/06/2005

Year: 2005  
Manifest Number: NYG3289356  
Manifest Type: TSD Copy  
Generator EPA Id: PAD000765651  
Generator Date: 02/04/2005  
Mailing Address: PO BOX 816  
Mailing City,St,Zip: MARS, PA 16046  
Contact Name: ALFRED BARBOUR  
Contact Phone: 412-538-4000  
TSD EPA Id: NYD049836679  
TSD Date: 02/07/2005  
TSD Facility Name: C W M CHEMICAL SERVICES LLC  
TSD Facility Address: 1550 BALMER RD  
TSD Facility City: MODEL CITY  
TSD Facility State: NY  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D008  
Container Number: 24  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 15095  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: OHD009865825



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONCAST METAL PRODUCTS (Continued)**

**S111771876**

Date TSP Sig: 02/04/2005

Year: 2005  
Manifest Number: NYG3289473  
Manifest Type: Generator Copy  
Generator EPA Id: PAD000765651  
Generator Date: 04/06/2005  
Mailing Address: PO BOX 816  
Mailing City,St,Zip: MARS, PA 16046  
Contact Name: ALFRED BARBOUR  
Contact Phone: 412-538-4000  
TSD EPA Id: NYD049836679  
TSD Date: 04/07/2005  
TSD Facility Name: C W M CHEMICAL SERVICES LLC  
TSD Facility Address: 1550 BALMER RD  
TSD Facility City: MODEL CITY  
TSD Facility State: NY  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D006  
Container Number: 24  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 19450  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: OHD009865825  
Date TSP Sig: 04/06/2005

Year: 2005  
Manifest Number: NYG3289356  
Manifest Type: TSD Copy  
Generator EPA Id: PAD000765651  
Generator Date: 02/04/2005  
Mailing Address: PO BOX 816  
Mailing City,St,Zip: MARS, PA 16046  
Contact Name: ALFRED BARBOUR  
Contact Phone: 412-538-4000  
TSD EPA Id: NYD049836679  
TSD Date: 02/07/2005  
TSD Facility Name: C W M CHEMICAL SERVICES LLC  
TSD Facility Address: 1550 BALMER RD  
TSD Facility City: MODEL CITY  
TSD Facility State: NY  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D006  
Container Number: 24  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 15095  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: OHD009865825  
Date TSP Sig: 02/04/2005

Year: 2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONCAST METAL PRODUCTS (Continued)**

**S111771876**

Manifest Number: NYG3289293  
Manifest Type: Generator Copy  
Generator EPA Id: PAD000765651  
Generator Date: 10/08/2004  
Mailing Address: PO BOX 816  
Mailing City,St,Zip: MARS, PA 16046  
Contact Name: ALFRED BARBOUR  
Contact Phone: 412-538-4000  
TSD EPA Id: NYD049836679  
TSD Date: 10/11/2004  
TSD Facility Name: C W M CHEMICAL SERVICES LLC  
TSD Facility Address: 1550 BALMER RD  
TSD Facility City: MODEL CITY  
TSD Facility State: NY  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D008  
Container Number: 24  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 13744  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: PAD987358587  
Date TSP Sig: 10/08/2004

Year: 2004  
Manifest Number: NYG3289293  
Manifest Type: Generator Copy  
Generator EPA Id: PAD000765651  
Generator Date: 10/08/2004  
Mailing Address: PO BOX 816  
Mailing City,St,Zip: MARS, PA 16046  
Contact Name: ALFRED BARBOUR  
Contact Phone: 412-538-4000  
TSD EPA Id: NYD049836679  
TSD Date: 10/11/2004  
TSD Facility Name: C W M CHEMICAL SERVICES LLC  
TSD Facility Address: 1550 BALMER RD  
TSD Facility City: MODEL CITY  
TSD Facility State: NY  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D006  
Container Number: 24  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 13744  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: PAD987358587  
Date TSP Sig: 10/08/2004

Year: 2004  
Manifest Number: NYG3289455  
Manifest Type: Generator Copy  
Generator EPA Id: PAD000765651

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONCAST METAL PRODUCTS (Continued)**

**S111771876**

Generator Date: 12/01/2004  
Mailing Address: PO BOX 816  
Mailing City,St,Zip: MARS, PA 16046  
Contact Name: ALFRED BARBOUR  
Contact Phone: 412-538-4000  
TSD EPA Id: NYD049836679  
TSD Date: 12/02/2004  
TSD Facility Name: C W M CHEMICAL SERVICES LLC  
TSD Facility Address: 1550 BALMER RD  
TSD Facility City: MODEL CITY  
TSD Facility State: NY  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D008  
Container Number: 24  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 14630  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: OHD009865825  
Date TSP Sig: 12/01/2004

Year: 2004  
Manifest Number: NYG3289455  
Manifest Type: Generator Copy  
Generator EPA Id: PAD000765651  
Generator Date: 12/01/2004  
Mailing Address: PO BOX 816  
Mailing City,St,Zip: MARS, PA 16046  
Contact Name: ALFRED BARBOUR  
Contact Phone: 412-538-4000  
TSD EPA Id: NYD049836679  
TSD Date: 12/02/2004  
TSD Facility Name: C W M CHEMICAL SERVICES LLC  
TSD Facility Address: 1550 BALMER RD  
TSD Facility City: MODEL CITY  
TSD Facility State: NY  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D006  
Container Number: 24  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 14630  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: OHD009865825  
Date TSP Sig: 12/01/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

2  
WSW  
< 1/8  
0.058 mi.  
304 ft.

**HESPENHEIDE FARM**  
**RTE 228**  
**MARS, PA 16046**

**LUST** **S105802888**  
**N/A**

**Relative:**  
**Lower**

LUST:

**Actual:**  
**1058 ft.**

Region: EP NW Rgnl Off Meadville  
Municipality: Adams Twp  
Facility Id: 584337  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Cleanup Completed**  
Status Date: 09/21/1993  
Confirmed Date: 09/14/1992  
Program Other Id: 10-91254  
Client: FRED W HESPENHEIDE  
Incident Id: 21506  
Incident Desc: FRED W HESPENHEIDE FARM  
Suspect Date: Not reported  
Source Of Notification: Not reported  
Release Discovered: Not reported  
Source Cause Of Release: Not reported  
Tank: Not reported  
Impact Desc: Soil  
Substance: Unleaded Gasoline  
CAS RN: Not reported  
Chemical: Not reported  
Comments: Not reported  
Horizontal Ref Datum: Not reported  
Altitude Datum: Not reported  
Latitude: Not reported  
Longitude: Not reported

A3  
ESE  
1/8-1/4  
0.189 mi.  
1000 ft.

**CLASSIC AUTOMOTIVE INC**  
**758 RT 228**  
**MARS, PA 16046**

**RCRA-CESQG** **1006817717**  
**PAR000508689**

**Site 1 of 2 in cluster A**

**Relative:**  
**Lower**

RCRA-CESQG:

**Actual:**  
**1084 ft.**

Date form received by agency: 07/01/2003  
Facility name: CLASSIC AUTOMOTIVE INC  
Facility address: 758 RT 228  
MARS, PA 16046  
EPA ID: PAR000508689  
Contact: AIMEE C THOMPSON  
Contact address: 758 RT 228  
MARS, PA 16046  
Contact country: US  
Contact telephone: (724) 625-1839  
Contact email: Not reported  
EPA Region: 03  
Classification: Conditionally Exempt Small Quantity Generator  
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CLASSIC AUTOMOTIVE INC (Continued)**

**1006817717**

of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

**Owner/Operator Summary:**

Owner/operator name: CLASSIC AUTOMOTIVE INC  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/1998  
Owner/Op end date: Not reported

Owner/operator name: LAPE LARRY  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/1998  
Owner/Op end date: Not reported

**Handler Activities Summary:**

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

. Waste code: D001  
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A4**  
**ESE**  
**1/8-1/4**  
**0.189 mi.**  
**1000 ft.**  
**CLASSIC AUTOMOTIVE INC**  
**758 ROUTE 228**  
**MARS, PA 16046**  
**Site 2 of 2 in cluster A**

**MANIFEST** **S110050880**  
**N/A**

**Relative:**  
**Lower**

Manifest Details:

Year: 2015  
Manifest Number: 012221796JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000508689  
Generator Date: 07/20/2015  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 724-625-1839  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Chemtron Corp  
TSD Facility Address: 35850 Schneider Ct  
TSD Facility City: Avon  
TSD Facility State: OH  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D035  
Container Number: 2  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 45  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: OHD066060609  
Date TSP Sig: Not reported

**Actual:**  
**1084 ft.**

Year: 2015  
Manifest Number: 012221796JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000508689  
Generator Date: 07/20/2015  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 724-625-1839  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Chemtron Corp  
TSD Facility Address: 35850 Schneider Ct  
TSD Facility City: Avon  
TSD Facility State: OH  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: F005  
Container Number: 2  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 45  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: OHD066060609

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CLASSIC AUTOMOTIVE INC (Continued)**

**S110050880**

Date TSP Sig:	Not reported
Year:	2015
Manifest Number:	012221796JJK
Manifest Type:	TSD Copy
Generator EPA Id:	PAR000508689
Generator Date:	07/20/2015
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	724-625-1839
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Chemtron Corp
TSD Facility Address:	35850 Schneider Ct
TSD Facility City:	Avon
TSD Facility State:	OH
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	F003
Container Number:	2
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	45
Unit:	Gallons (liquids only)
Handling Code:	Not reported
TSP EPA Id:	OHD066060609
Date TSP Sig:	Not reported
Year:	2015
Manifest Number:	012221796JJK
Manifest Type:	TSD Copy
Generator EPA Id:	PAR000508689
Generator Date:	07/20/2015
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	724-625-1839
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Chemtron Corp
TSD Facility Address:	35850 Schneider Ct
TSD Facility City:	Avon
TSD Facility State:	OH
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D001
Container Number:	2
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	45
Unit:	Gallons (liquids only)
Handling Code:	Not reported
TSP EPA Id:	OHD066060609
Date TSP Sig:	Not reported
Year:	2014

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CLASSIC AUTOMOTIVE INC (Continued)**

**S110050880**

Manifest Number: 009587763JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000508689  
Generator Date: 01/17/2014  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 724-625-1839  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Chemtron Corp  
TSD Facility Address: 35850 Schneider Ct  
TSD Facility City: Avon  
TSD Facility State: OH  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: F005  
Container Number: 1  
Container Type: Dump truck  
Waste Quantity: 55  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: OHD066060609  
Date TSP Sig: Not reported

Year: 2014  
Manifest Number: 009587763JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000508689  
Generator Date: 01/17/2014  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 724-625-1839  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Chemtron Corp  
TSD Facility Address: 35850 Schneider Ct  
TSD Facility City: Avon  
TSD Facility State: OH  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D001  
Container Number: 1  
Container Type: Dump truck  
Waste Quantity: 55  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: OHD066060609  
Date TSP Sig: Not reported

Year: 2014  
Manifest Number: 009587763JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000508689



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CLASSIC AUTOMOTIVE INC (Continued)**

**S110050880**

Generator Date: 01/17/2014  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 724-625-1839  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Chemtron Corp  
TSD Facility Address: 35850 Schneider Ct  
TSD Facility City: Avon  
TSD Facility State: OH  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: F003  
Container Number: 1  
Container Type: Dump truck  
Waste Quantity: 55  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: OHD066060609  
Date TSP Sig: Not reported

Year: 2014  
Manifest Number: 009587763JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000508689  
Generator Date: 01/17/2014  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 724-625-1839  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Chemtron Corp  
TSD Facility Address: 35850 Schneider Ct  
TSD Facility City: Avon  
TSD Facility State: OH  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D035  
Container Number: 1  
Container Type: Dump truck  
Waste Quantity: 55  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: OHD066060609  
Date TSP Sig: Not reported

Year: 2013  
Manifest Number: 009588017JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000508689  
Generator Date: 02/20/2013  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CLASSIC AUTOMOTIVE INC (Continued)**

**S110050880**

Contact Name: Not reported  
Contact Phone: 724-625-1839  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Chemtron Corp  
TSD Facility Address: 35850 Schneider Ct  
TSD Facility City: Avon  
TSD Facility State: OH  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: F003  
Container Number: 2  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 40  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: OHD066060609  
Date TSP Sig: Not reported

Year: 2013  
Manifest Number: 009588017JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000508689  
Generator Date: 02/20/2013  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 724-625-1839  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Chemtron Corp  
TSD Facility Address: 35850 Schneider Ct  
TSD Facility City: Avon  
TSD Facility State: OH  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: F005  
Container Number: 2  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 40  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: OHD066060609  
Date TSP Sig: Not reported

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

Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MARS	1000356210	WARRENDALE PLATING CO	MARS VALENCIA ROAD	16046	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA NonGen / NLR, 2020 COR ACTION
MARS	1015736045	ROESSING BRONZE	MARS MYOMA ROAD	16046	SEMS-ARCHIVE

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## STANDARD ENVIRONMENTAL RECORDS

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

#### **NPL: National Priority List**

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

Date of Government Version: 12/05/2016	Source: EPA
Date Data Arrived at EDR: 01/05/2017	Telephone: N/A
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/05/2016	Source: EPA
Date Data Arrived at EDR: 01/05/2017	Telephone: N/A
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/17/2017
	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: 12/05/2016	Source: EPA
Date Data Arrived at EDR: 01/05/2017	Telephone: N/A
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

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

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 09/14/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2016	Telephone: 703-603-8704
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 01/05/2017
Number of Days to Update: 17	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/10/2016	Source: EPA
Date Data Arrived at EDR: 10/20/2016	Telephone: 800-424-9346
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Quarterly

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

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 10/10/2016	Source: EPA
Date Data Arrived at EDR: 10/20/2016	Telephone: 800-424-9346
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Quarterly

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

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/12/2016	Source: EPA
Date Data Arrived at EDR: 12/28/2016	Telephone: 800-424-9346
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	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: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: 800-438-2474
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	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: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: 800-438-2474
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: 800-438-2474
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	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: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: 800-438-2474
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Varies

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

#### LUCIS: Land Use Control Information System

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

Date of Government Version: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 02/13/2017
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/29/2017
	Data Release Frequency: Varies

#### US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 11/15/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/29/2016	Telephone: 703-603-0695
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 02/28/2017
Number of Days to Update: 66	Next Scheduled EDR Contact: 06/12/2017
	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: 11/15/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/29/2016	Telephone: 703-603-0695
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 02/28/2017
Number of Days to Update: 66	Next Scheduled EDR Contact: 06/12/2017
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal ERNS list***

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/26/2016

Date Data Arrived at EDR: 09/29/2016

Date Made Active in Reports: 11/11/2016

Number of Days to Update: 43

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 12/28/2016

Next Scheduled EDR Contact: 04/10/2017

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: 10/18/2016

Date Data Arrived at EDR: 10/20/2016

Date Made Active in Reports: 11/22/2016

Number of Days to Update: 33

Source: Department Environmental Protection

Telephone: 717-783-7816

Last EDR Contact: 01/19/2017

Next Scheduled EDR Contact: 05/01/2017

Data Release Frequency: Semi-Annually

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: 12/31/2015

Date Data Arrived at EDR: 10/25/2016

Date Made Active in Reports: 11/22/2016

Number of Days to Update: 28

Source: Department of Environmental Protection

Telephone: 717-783-7816

Last EDR Contact: 01/20/2017

Next Scheduled EDR Contact: 05/01/2017

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: 11/21/2016

Date Data Arrived at EDR: 11/23/2016

Date Made Active in Reports: 01/24/2017

Number of Days to Update: 62

Source: Department of Environmental Protection

Telephone: 717-787-7564

Last EDR Contact: 02/22/2017

Next Scheduled EDR Contact: 06/05/2017

Data Release Frequency: Semi-Annually

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

LAST: Storage Tank Release Sites

Leaking Aboveground Storage Tank Incident Reports.

Date of Government Version: 12/12/2016

Date Data Arrived at EDR: 12/15/2016

Date Made Active in Reports: 01/24/2017

Number of Days to Update: 40

Source: Department of Environmental Protection

Telephone: 717-783-7509

Last EDR Contact: 03/15/2017

Next Scheduled EDR Contact: 06/26/2017

Data Release Frequency: Semi-Annually

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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/12/2016  
Date Data Arrived at EDR: 12/15/2016  
Date Made Active in Reports: 01/24/2017  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: 717-783-7509  
Last EDR Contact: 03/15/2017  
Next Scheduled EDR Contact: 06/26/2017  
Data Release Frequency: Semi-Annually

### INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/17/2016  
Date Data Arrived at EDR: 04/27/2016  
Date Made Active in Reports: 06/03/2016  
Number of Days to Update: 37

Source: EPA, Region 5  
Telephone: 312-886-7439  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

### INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/07/2016  
Date Data Arrived at EDR: 01/08/2016  
Date Made Active in Reports: 02/18/2016  
Number of Days to Update: 41

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Quarterly

### 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: 02/25/2016  
Date Data Arrived at EDR: 04/27/2016  
Date Made Active in Reports: 06/03/2016  
Number of Days to Update: 37

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Quarterly

### INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/13/2015  
Date Data Arrived at EDR: 10/23/2015  
Date Made Active in Reports: 02/18/2016  
Number of Days to Update: 118

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Quarterly

### INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015  
Date Data Arrived at EDR: 02/12/2016  
Date Made Active in Reports: 06/03/2016  
Number of Days to Update: 112

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
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: 12/11/2015  
Date Data Arrived at EDR: 02/19/2016  
Date Made Active in Reports: 06/03/2016  
Number of Days to Update: 105

Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-8677
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/24/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Semi-Annually

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

Date of Government Version: 10/27/2015	Source: EPA Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 67	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

UNREG LTANKS: Unregulated Tank Cases

Leaking storage tank cases from unregulated storage tanks.

Date of Government Version: 04/12/2002	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/14/2003	Telephone: 717-783-7509
Date Made Active in Reports: 08/29/2003	Last EDR Contact: 08/14/2003
Number of Days to Update: 15	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 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: 01/23/2017
Number of Days to Update: 55	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Varies

UST: Listing of Pennsylvania Regulated Underground Storage Tanks

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 12/01/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/15/2016	Telephone: 717-772-5599
Date Made Active in Reports: 01/23/2017	Last EDR Contact: 03/15/2017
Number of Days to Update: 39	Next Scheduled EDR Contact: 06/26/2017
	Data Release Frequency: Varies

AST: Listing of Pennsylvania Regulated Aboveground Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 12/01/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/15/2016	Telephone: 717-772-5599
Date Made Active in Reports: 01/23/2017	Last EDR Contact: 03/15/2017
Number of Days to Update: 39	Next Scheduled EDR Contact: 06/26/2017
	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).

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/07/2016  
Date Data Arrived at EDR: 01/08/2016  
Date Made Active in Reports: 02/18/2016  
Number of Days to Update: 41

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
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: 02/25/2016  
Date Data Arrived at EDR: 04/27/2016  
Date Made Active in Reports: 06/03/2016  
Number of Days to Update: 37

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
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: 01/26/2016  
Date Data Arrived at EDR: 02/05/2016  
Date Made Active in Reports: 06/03/2016  
Number of Days to Update: 119

Source: EPA Region 8  
Telephone: 303-312-6137  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Quarterly

### INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 12/03/2015  
Date Data Arrived at EDR: 02/04/2016  
Date Made Active in Reports: 06/03/2016  
Number of Days to Update: 120

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
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: 09/23/2014  
Date Data Arrived at EDR: 11/25/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 65

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
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: 11/05/2015  
Date Data Arrived at EDR: 11/13/2015  
Date Made Active in Reports: 01/04/2016  
Number of Days to Update: 52

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
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)

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/05/2016  
Date Data Arrived at EDR: 04/29/2016  
Date Made Active in Reports: 06/03/2016  
Number of Days to Update: 35

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 01/24/2017  
Next Scheduled EDR Contact: 05/08/2017  
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).

Date of Government Version: 10/20/2015  
Date Data Arrived at EDR: 10/29/2015  
Date Made Active in Reports: 01/04/2016  
Number of Days to Update: 67

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
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  
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: 01/12/2017  
Next Scheduled EDR Contact: 05/01/2017  
Data Release Frequency: No Update Planned

#### AUL: Environmental Covenants Listing

A listing of sites with environmental covenants.

Date of Government Version: 10/18/2016  
Date Data Arrived at EDR: 10/19/2016  
Date Made Active in Reports: 11/22/2016  
Number of Days to Update: 34

Source: Department of Environmental Protection  
Telephone: 717-783-7509  
Last EDR Contact: 01/19/2017  
Next Scheduled EDR Contact: 05/01/2017  
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: 01/12/2017  
Next Scheduled EDR Contact: 05/01/2017  
Data Release Frequency: No Update Planned

### **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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015  
Date Data Arrived at EDR: 09/29/2015  
Date Made Active in Reports: 02/18/2016  
Number of Days to Update: 142

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 12/27/2016  
Next Scheduled EDR Contact: 04/10/2017  
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: 10/12/2016  
Date Data Arrived at EDR: 10/13/2016  
Date Made Active in Reports: 11/22/2016  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: 717-783-2388  
Last EDR Contact: 01/12/2017  
Next Scheduled EDR Contact: 04/24/2017  
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.

Date of Government Version: 10/18/2016  
Date Data Arrived at EDR: 10/20/2016  
Date Made Active in Reports: 11/22/2016  
Number of Days to Update: 33

Source: Department of Environmental Protection  
Telephone: 717-783-1566  
Last EDR Contact: 01/19/2017  
Next Scheduled EDR Contact: 05/01/2017  
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: 12/19/2016  
Date Data Arrived at EDR: 12/20/2016  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 03/02/2017  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: Semi-Annually

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

#### HIST LF INACTIVE: Inactive Facilities List

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/20/1994  
Date Data Arrived at EDR: 07/12/2005  
Date Made Active in Reports: 08/11/2005  
Number of Days to Update: 30

Source: Department of Environmental Protection  
Telephone: 717-787-7381  
Last EDR Contact: 06/21/2005  
Next Scheduled EDR Contact: 12/19/2005  
Data Release Frequency: No Update Planned

### HIST LF INVENTORY: Facility Inventory

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

Date of Government Version: 06/02/1999  
Date Data Arrived at EDR: 07/12/2005  
Date Made Active in Reports: 08/11/2005  
Number of Days to Update: 30

Source: Department of Environmental Protection  
Telephone: 717-787-7381  
Last EDR Contact: 09/19/2005  
Next Scheduled EDR Contact: 12/19/2005  
Data Release Frequency: No Update Planned

### HIST LF 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  
Date Data Arrived at EDR: 01/04/2005  
Date Made Active in Reports: 02/04/2005  
Number of Days to Update: 31

Source: Department of Environmental Protection  
Telephone: 717-787-7564  
Last EDR Contact: 11/26/2012  
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  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 10/31/2016  
Next Scheduled EDR Contact: 02/13/2017  
Data Release Frequency: Varies

### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 01/23/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: No Update Planned

### ODI: Open Dump Inventory

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

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

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

### IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 01/30/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

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

#### **US HIST CDL: National Clandestine Laboratory Register**

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 09/30/2016  
Date Data Arrived at EDR: 01/05/2017  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 36

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/28/2017  
Next Scheduled EDR Contact: 06/12/2017  
Data Release Frequency: No Update Planned

#### **US CDL: Clandestine Drug Labs**

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

Date of Government Version: 09/30/2016  
Date Data Arrived at EDR: 12/05/2016  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 67

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/28/2017  
Next Scheduled EDR Contact: 06/12/2017  
Data Release Frequency: Quarterly

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

#### **ARCHIVE UST: Archived Underground Storage Tank Sites**

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

Date of Government Version: 12/01/2016  
Date Data Arrived at EDR: 12/15/2016  
Date Made Active in Reports: 01/24/2017  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: 717-772-5599  
Last EDR Contact: 03/15/2017  
Next Scheduled EDR Contact: 06/26/2017  
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: 12/01/2016  
Date Data Arrived at EDR: 12/15/2016  
Date Made Active in Reports: 01/24/2017  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: 717-772-5599  
Last EDR Contact: 03/15/2017  
Next Scheduled EDR Contact: 06/26/2017  
Data Release Frequency: Varies

### **Local Land Records**

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 02/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/18/2014	Telephone: 202-564-6023
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 01/24/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/08/2017
	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: 12/28/2016	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 12/28/2016	Telephone: 202-366-4555
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Annually

#### SPILLS: State spills

A listing of hazardous material incidents.

Date of Government Version: 10/11/2016	Source: DEP, Emergency Response
Date Data Arrived at EDR: 11/04/2016	Telephone: 717-787-5715
Date Made Active in Reports: 11/22/2016	Last EDR Contact: 01/09/2017
Number of Days to Update: 18	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Varies

### **Other Ascertainable Records**

#### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: 800-438-2474
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 02/24/2017
Number of Days to Update: 97	Next Scheduled EDR Contact: 06/05/2017
	Data Release Frequency: Varies

### DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/13/2017
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Semi-Annually

### FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/13/2017
Number of Days to Update: 339	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: N/A

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 02/03/2017
Number of Days to Update: 54	Next Scheduled EDR Contact: 05/29/2017
	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: 10/11/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/16/2016	Telephone: 202-566-1917
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 02/15/2017
Number of Days to Update: 79	Next Scheduled EDR Contact: 05/29/2017
	Data Release Frequency: Quarterly

### EPA WATCH LIST: EPA WATCH LIST

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2013  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 06/17/2014  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 02/03/2017  
Next Scheduled EDR Contact: 05/22/2017  
Data Release Frequency: Quarterly

### 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013  
Date Data Arrived at EDR: 03/03/2015  
Date Made Active in Reports: 03/09/2015  
Number of Days to Update: 6

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 02/10/2017  
Next Scheduled EDR Contact: 05/22/2017  
Data Release Frequency: Varies

### TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 01/15/2015  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 14

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 12/23/2016  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: Every 4 Years

### TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 11/24/2015  
Date Made Active in Reports: 04/05/2016  
Number of Days to Update: 133

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 02/24/2017  
Next Scheduled EDR Contact: 06/05/2017  
Data Release Frequency: Annually

### SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 12/10/2010  
Date Made Active in Reports: 02/25/2011  
Number of Days to Update: 77

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 03/09/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Annually

### ROD: Records Of Decision

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

Date of Government Version: 11/25/2013  
Date Data Arrived at EDR: 12/12/2013  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 74

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 03/06/2017  
Next Scheduled EDR Contact: 06/19/2017  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/22/2016	Telephone: 202-564-8600
Date Made Active in Reports: 11/11/2016	Last EDR Contact: 01/23/2017
Number of Days to Update: 81	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

### RAATS: RCRA Administrative Action Tracking System

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

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

### PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 02/10/2017
Number of Days to Update: 3	Next Scheduled EDR Contact: 05/22/2017
	Data Release Frequency: Quarterly

### PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/20/2016	Source: EPA
Date Data Arrived at EDR: 04/28/2016	Telephone: 202-566-0500
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 01/13/2017
Number of Days to Update: 127	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Annually

### ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-5088
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 01/09/2017
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Quarterly



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 02/17/2017  
Next Scheduled EDR Contact: 06/05/2017  
Data Release Frequency: Quarterly

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

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

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

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 02/17/2017  
Next Scheduled EDR Contact: 06/05/2017  
Data Release Frequency: Quarterly

### MLTS: Material Licensing Tracking System

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

Date of Government Version: 08/30/2016  
Date Data Arrived at EDR: 09/08/2016  
Date Made Active in Reports: 10/21/2016  
Number of Days to Update: 43

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 02/03/2017  
Next Scheduled EDR Contact: 05/22/2017  
Data Release Frequency: Quarterly

### COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 08/07/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 76

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 03/06/2017  
Next Scheduled EDR Contact: 06/19/2017  
Data Release Frequency: Varies

### COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014  
Date Data Arrived at EDR: 09/10/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 03/06/2017  
Next Scheduled EDR Contact: 06/19/2017  
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: 01/29/2016  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

### RADINFO: Radiation Information Database

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/04/2017  
Date Data Arrived at EDR: 01/06/2017  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 35

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 01/06/2017  
Next Scheduled EDR Contact: 04/17/2017  
Data Release Frequency: Quarterly

### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

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

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

### DOT OPS: Incident and Accident Data

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

Date of Government Version: 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: 02/01/2017  
Next Scheduled EDR Contact: 05/08/2017  
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: 09/30/2016  
Date Data Arrived at EDR: 11/18/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 77

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 01/23/2017  
Next Scheduled EDR Contact: 04/10/2017  
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: 12/31/2013  
Date Data Arrived at EDR: 02/24/2015  
Date Made Active in Reports: 09/30/2015  
Number of Days to Update: 218

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 02/22/2017  
Next Scheduled EDR Contact: 06/05/2017  
Data Release Frequency: Biennially

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 01/13/2017
Number of Days to Update: 546	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Semi-Annually

### FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016	Source: Department of Energy
Date Data Arrived at EDR: 12/27/2016	Telephone: 202-586-3559
Date Made Active in Reports: 02/17/2017	Last EDR Contact: 02/03/2017
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/22/2017
	Data Release Frequency: Varies

### UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 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: 02/21/2017
Number of Days to Update: 146	Next Scheduled EDR Contact: 06/05/2017
	Data Release Frequency: Varies

### LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/05/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8787
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 36	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Varies

### LEAD SMELTER 2: Lead Smelter Sites

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

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

### US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 03/07/2017  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Annually

### US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 03/07/2017  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Annually

### US MINES: Mines Master Index File

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

Date of Government Version: 08/05/2016  
Date Data Arrived at EDR: 09/01/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 02/28/2017  
Next Scheduled EDR Contact: 06/12/2017  
Data Release Frequency: Semi-Annually

### US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005  
Date Data Arrived at EDR: 02/29/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 49

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 03/03/2017  
Next Scheduled EDR Contact: 06/12/2017  
Data Release Frequency: Varies

### US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 97

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 03/03/2017  
Next Scheduled EDR Contact: 06/12/2017  
Data Release Frequency: Varies

### FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 07/15/2016  
Date Data Arrived at EDR: 09/07/2016  
Date Made Active in Reports: 11/11/2016  
Number of Days to Update: 65

Source: EPA  
Telephone: (215) 814-5000  
Last EDR Contact: 03/06/2017  
Next Scheduled EDR Contact: 06/19/2017  
Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016  
Date Data Arrived at EDR: 06/03/2016  
Date Made Active in Reports: 09/02/2016  
Number of Days to Update: 91

Source: Environmental Protection Agency  
Telephone: 202-564-0527  
Last EDR Contact: 02/24/2017  
Next Scheduled EDR Contact: 06/12/2017  
Data Release Frequency: Varies

### UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015  
Date Data Arrived at EDR: 01/29/2016  
Date Made Active in Reports: 04/05/2016  
Number of Days to Update: 67

Source: Department of Defense  
Telephone: 571-373-0407  
Last EDR Contact: 01/20/2017  
Next Scheduled EDR Contact: 05/01/2017  
Data Release Frequency: Varies

### AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 02/11/2016  
Date Made Active in Reports: 04/11/2016  
Number of Days to Update: 60

Source: Department of Environmental Protection  
Telephone: 717-787-9702  
Last EDR Contact: 12/27/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Annually

### DRYCLEANERS: Drycleaner Facility Locations

A listing of drycleaner facility locations.

Date of Government Version: 11/23/2016  
Date Data Arrived at EDR: 11/23/2016  
Date Made Active in Reports: 01/26/2017  
Number of Days to Update: 64

Source: Department of Environmental Protection  
Telephone: 717-787-9702  
Last EDR Contact: 01/17/2017  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: Varies

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 07/22/2016  
Date Made Active in Reports: 11/22/2016  
Number of Days to Update: 123

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 01/12/2017  
Next Scheduled EDR Contact: 05/01/2017  
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: 10/03/2016  
Date Data Arrived at EDR: 10/27/2016  
Date Made Active in Reports: 11/22/2016  
Number of Days to Update: 26

Source: PASDA  
Telephone: 814-863-0104  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Semi-Annually

### NPDES: NPDES Permit Listing

A listing of facilities with an NPDES permit.

Date of Government Version: 12/05/2016  
Date Data Arrived at EDR: 12/08/2016  
Date Made Active in Reports: 01/24/2017  
Number of Days to Update: 47

Source: Department of Environmental Protection  
Telephone: 717-787-9642  
Last EDR Contact: 03/10/2017  
Next Scheduled EDR Contact: 06/19/2017  
Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### UIC: Underground Injection Wells

A listing of underground injection well locations.

Date of Government Version: 12/20/2016  
Date Data Arrived at EDR: 12/21/2016  
Date Made Active in Reports: 01/24/2017  
Number of Days to Update: 34

Source: Department of Environmental Protection  
Telephone: 717-783-7209  
Last EDR Contact: 12/21/2016  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: Varies

### ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/09/2016  
Date Data Arrived at EDR: 06/13/2016  
Date Made Active in Reports: 09/02/2016  
Number of Days to Update: 81

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 03/13/2017  
Next Scheduled EDR Contact: 06/26/2017  
Data Release Frequency: Quarterly

### ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 12/11/2016  
Date Data Arrived at EDR: 12/20/2016  
Date Made Active in Reports: 02/17/2017  
Number of Days to Update: 59

Source: Environmental Protection Agency  
Telephone: 202-564-2280  
Last EDR Contact: 12/20/2016  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: Quarterly

### FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/21/2016  
Date Data Arrived at EDR: 11/22/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 73

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 02/22/2017  
Next Scheduled EDR Contact: 06/05/2017  
Data Release Frequency: Quarterly

### EDR HIGH RISK HISTORICAL RECORDS

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

### EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### EDR Hist Auto: 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

### EDR Hist Cleaner: 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

## **EDR RECOVERED GOVERNMENT ARCHIVES**

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

#### RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department Environmental Protection in Pennsylvania.

Date of Government Version: N/A	Source: Department Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department Environmental Protection in Pennsylvania.

Date of Government Version: N/A	Source: Department Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/10/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 193	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

#### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department Environmental Protection in Pennsylvania.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/30/2013  
Number of Days to Update: 182

Source: Department Environmental Protection  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### OTHER DATABASE(S)

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

#### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013  
Date Data Arrived at EDR: 08/19/2013  
Date Made Active in Reports: 10/03/2013  
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 11/11/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: No Update Planned

#### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 09/29/2016  
Date Made Active in Reports: 01/03/2017  
Number of Days to Update: 96

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 01/09/2017  
Next Scheduled EDR Contact: 04/24/2017  
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: 01/30/2017  
Date Data Arrived at EDR: 02/01/2017  
Date Made Active in Reports: 02/13/2017  
Number of Days to Update: 12

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 02/01/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Annually

#### RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 06/19/2015  
Date Made Active in Reports: 07/15/2015  
Number of Days to Update: 26

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 02/21/2017  
Next Scheduled EDR Contact: 06/05/2017  
Data Release Frequency: Annually

#### VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 11/07/2016  
Date Data Arrived at EDR: 11/18/2016  
Date Made Active in Reports: 01/06/2017  
Number of Days to Update: 49

Source: Department of Environmental Conservation  
Telephone: 802-241-3443  
Last EDR Contact: 01/17/2017  
Next Scheduled EDR Contact: 05/01/2017  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015

Date Data Arrived at EDR: 04/14/2016

Date Made Active in Reports: 06/03/2016

Number of Days to Update: 50

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 03/13/2017

Next Scheduled EDR Contact: 06/26/2017

Data Release Frequency: Annually

### Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

### Electric Power Transmission Line Data

Source: PennWell Corporation

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### Daycare Centers: Child Care Facility List

Source: Department of Public Welfare

Telephone: 717-783-3856

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory  
Source: Pennsylvania Spatial Data Access  
Telephone: 610-344-6105

Current USGS 7.5 Minute Topographic Map  
Source: U.S. Geological Survey

### **STREET AND ADDRESS INFORMATION**

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

SR0228 MARS - MYOMA RD TO EAST OF PITTSBURGH ST  
899 PA-228  
MARS, PA 16046

### **TARGET PROPERTY COORDINATES**

Latitude (North):	40.696262 - 40° 41' 46.54"
Longitude (West):	80.035141 - 80° 2' 6.51"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	581520.2
UTM Y (Meters):	4505276.5
Elevation:	1137 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	5947661 MARS, PA
Version Date:	2013
East Map:	5949896 VALENCIA, PA
Version Date:	2013

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two 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).

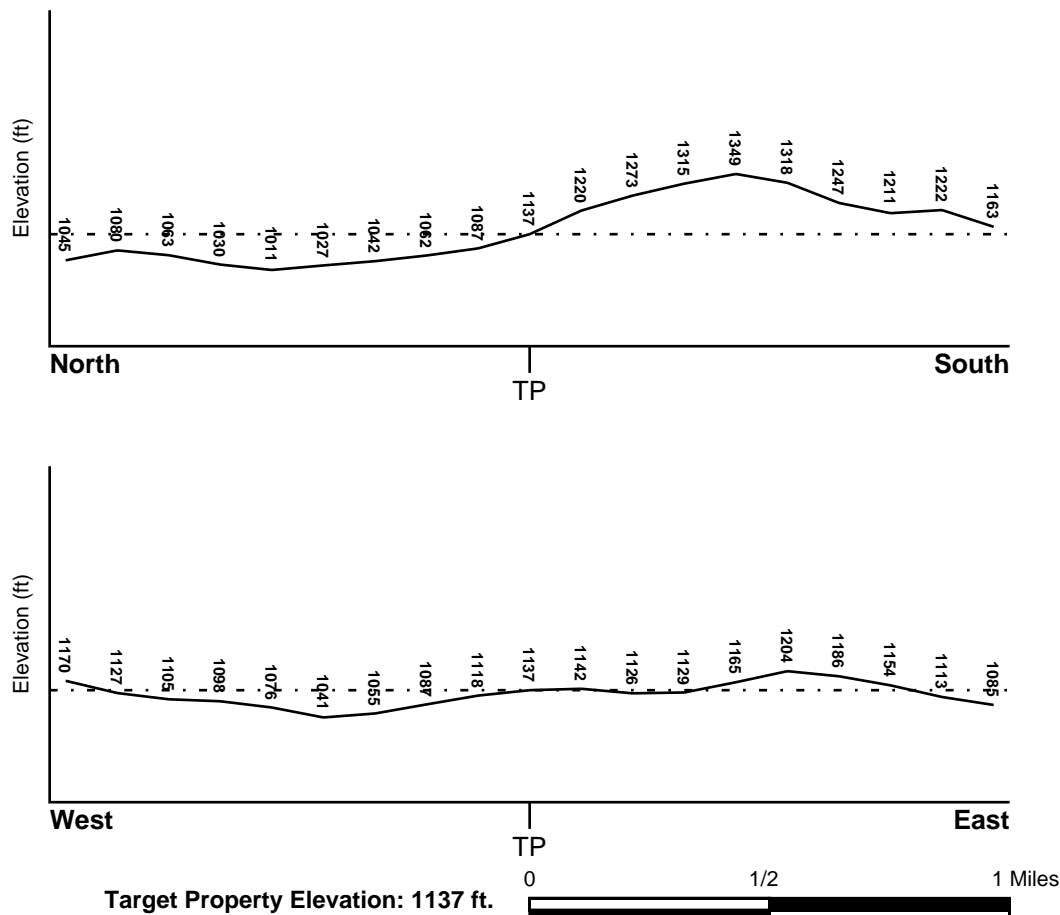
### TOPOGRAPHIC INFORMATION

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 North

### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### HYDROLOGIC INFORMATION

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

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

### FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
4214150003B	FEMA Q3 Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
4202200001B	FEMA Q3 Flood data
4214150005B	FEMA Q3 Flood data
42003C0045H	FEMA FIRM Flood data

### NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
MARS	YES - refer to the Overview Map and Detail Map

### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

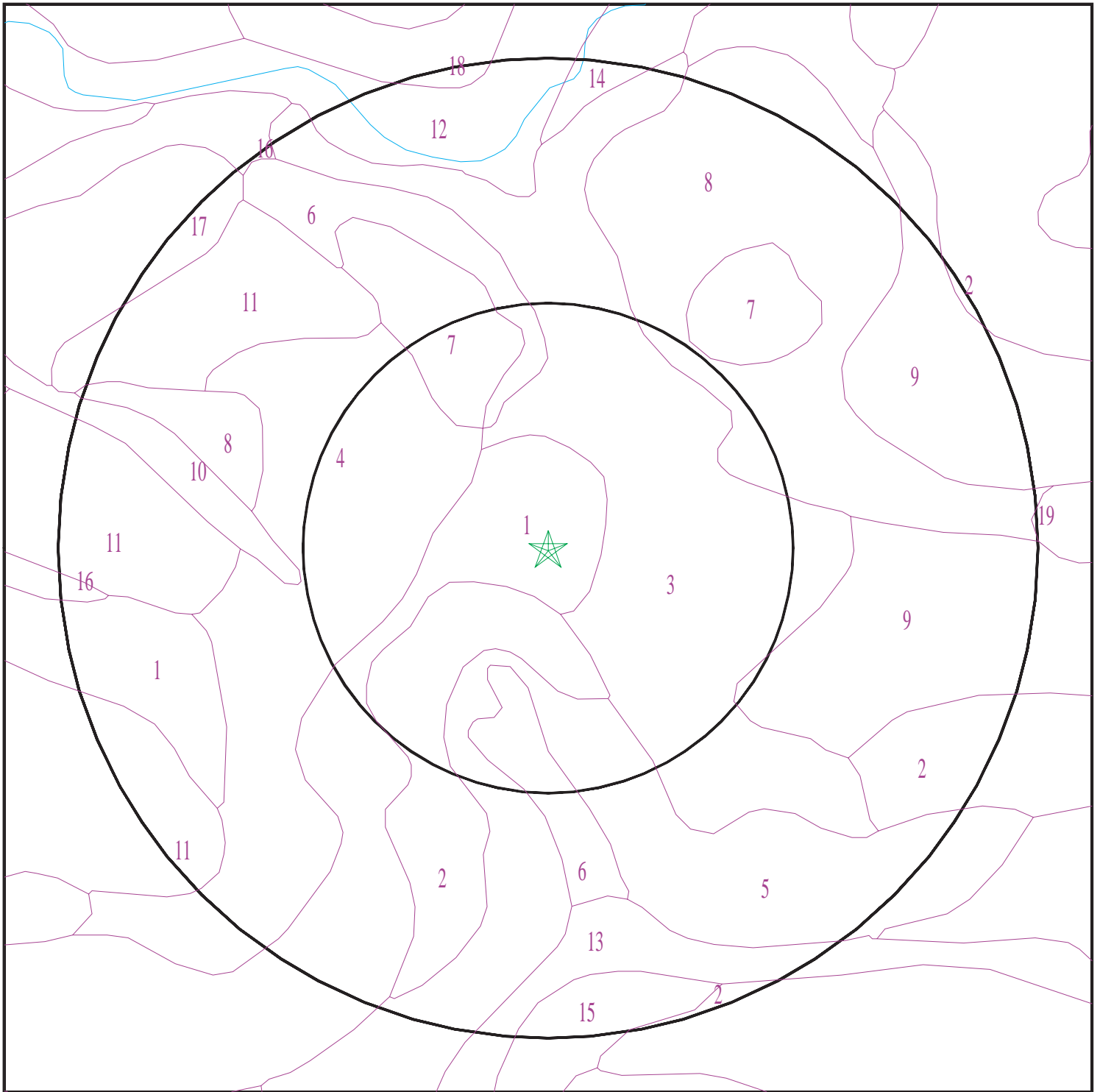
Era:	Paleozoic
System:	Pennsylvanian
Series:	Missourian Series
Code:	PP3 ( <i>decoded above as Era, System &amp; Series</i> )

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

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

# SSURGO SOIL MAP - 4883757.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: SR0228 Mars - Myoma Rd To East of Pittsburgh St  
ADDRESS: 899 PA-228  
Mars PA 16046  
LAT/LONG: 40.696262 / 80.035141

CLIENT: The Markosky Engineering Group Inc  
CONTACT: Amanda Brown  
INQUIRY #: 4883757.2s  
DATE: March 20, 2017 8:07 pm



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

#### Soil Map ID: 1

Soil Component Name: Vandergrift

Soil Surface Texture: 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: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 6 Min: 4.5
2	7 inches	50 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 6.5 Min: 4.5
3	50 inches	57 inches	very channery silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.23 Min: 0.42	Max: 7.8 Min: 5.1
4	57 inches	61 inches	weathered bedrock	Not reported	Not reported	Max: 14.11 Min: 0.42	Max: Min:

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 2

Soil Component Name: Vandergrift

Soil Surface Texture: 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: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 6 Min: 4.5
2	7 inches	50 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 6.5 Min: 4.5
3	50 inches	57 inches	very channery silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.23 Min: 0.42	Max: 7.8 Min: 5.1
4	57 inches	61 inches	weathered bedrock	Not reported	Not reported	Max: 14.11 Min: 0.42	Max: Min:

### Soil Map ID: 3

Soil Component Name: Gilpin

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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 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%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
2	35 inches	40 inches	unweathered bedrock	Not reported	Not reported	Max: 14.11 Min: 1.41	Max: Min:
3	7 inches	29 inches	silty clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
4	29 inches	35 inches	extremely channery silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6

### Soil Map ID: 4

Soil Component Name: Vandergrift

Soil Surface Texture: 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: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 6 Min: 4.5
2	7 inches	40 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 6.5 Min: 4.5
3	40 inches	57 inches	very channery silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.23 Min: 0.42	Max: 7.8 Min: 5.1
4	57 inches	61 inches	weathered bedrock	Not reported	Not reported	Max: 14.11 Min: 0.42	Max: Min:

### Soil Map ID: 5

Soil Component Name: Gilpin

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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 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%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
2	35 inches	40 inches	unweathered bedrock	Not reported	Not reported	Max: 14.11 Min: 1.41	Max: Min:
3	7 inches	29 inches	silty clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
4	29 inches	35 inches	extremely channery silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6

### Soil Map ID: 6

Soil Component Name: Gilpin

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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 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%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
2	35 inches	40 inches	unweathered bedrock	Not reported	Not reported	Max: 14.11 Min: 1.41	Max: Min:
3	7 inches	29 inches	silty clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
4	29 inches	35 inches	extremely channery silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6

### Soil Map ID: 7

Soil Component Name: Gilpin

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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 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%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
2	35 inches	40 inches	unweathered bedrock	Not reported	Not reported	Max: 14.11 Min: 1.41	Max: Min:
3	7 inches	29 inches	silty clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
4	29 inches	35 inches	extremely channery silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6

### Soil Map ID: 8

Soil Component Name: Gilpin

Soil Surface Texture: 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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
2	35 inches	40 inches	unweathered bedrock	Not reported	Not reported	Max: 14.11 Min: 1.41	Max: Min:
3	7 inches	29 inches	silty clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
4	29 inches	35 inches	extremely channery silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6

### Soil Map ID: 9

Soil Component Name: Cavode

Soil Surface Texture: 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: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 145 inches

Depth to Watertable Min: > 35 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5
2	9 inches	46 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.41 Min: 0.42	Max: 5.5 Min: 4.5
3	46 inches	57 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: 1.41 Min: 0.42	Max: 5.5 Min: 4.5
4	57 inches	61 inches	unweathered bedrock	Not reported	Not reported	Max: 14 Min: 0.42	Max: Min:

### Soil Map ID: 10

Soil Component Name: Ernest

Soil Surface Texture: 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: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 53 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 5.1
2	7 inches	24 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 1.41	Max: 5.5 Min: 4.5
3	24 inches	50 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: 4.23 Min: 0.42	Max: 5.5 Min: 4.5
4	50 inches	74 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%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.33 Min: 0.42	Max: 5.5 Min: 4.5

### Soil Map ID: 11

Soil Component Name: Wharton

Soil Surface Texture: 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: Moderately well drained



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 175 inches

Depth to Watertable Min: > 69 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	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: 14.11 Min: 4.23	Max: 6.2 Min: 5.1
2	46 inches	68 inches	channery silty clay 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: 4.23 Min: 0.42	Max: 5.5 Min: 4.5
3	68 inches	74 inches	weathered bedrock	Not reported	Not reported	Max: 14.11 Min: 0	Max: Min:
4	9 inches	46 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4.23 Min: 0.42	Max: 5.5 Min: 4

### Soil Map ID: 12

Soil Component Name: Atkins

Soil Surface Texture: silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5
2	7 inches	20 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 0.42	Max: 5.5 Min: 4.5
3	20 inches	41 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 0.42	Max: 5.5 Min: 4.5
4	41 inches	64 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42.34 Min: 1.41	Max: 5.5 Min: 4.5

### Soil Map ID: 13

Soil Component Name: Cookport

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 142 inches

Depth to Watertable Min: > 37 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5
2	59 inches	63 inches	unweathered bedrock	Not reported	Not reported	Max: 4.23 Min: 0.1	Max: Min:
3	9 inches	24 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
4	24 inches	38 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 5.5 Min: 3.6
5	38 inches	59 inches	very channery sandy 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: 4.23 Min: 1.41	Max: 5.5 Min: 3.6

### Soil Map ID: 14

Soil Component Name: Hazleton

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 102 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42.34 Min: 14.11	Max: 5.5 Min: 3.6
2	83 inches	88 inches	unweathered bedrock	Not reported	Not reported	Max: 42.34 Min: 3	Max: Min:
3	7 inches	33 inches	very channery sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141.14 Min: 14.11	Max: 5.5 Min: 3.6
4	33 inches	83 inches	very channery loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141.14 Min: 14.11	Max: 5.5 Min: 3.6

### Soil Map ID: 15

Soil Component Name: Cookport

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 142 inches

Depth to Watertable Min: > 37 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5
2	59 inches	63 inches	unweathered bedrock	Not reported	Not reported	Max: 4.23 Min: 0.1	Max: Min:
3	9 inches	24 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
4	24 inches	38 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 5.5 Min: 3.6
5	38 inches	59 inches	very channery sandy 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: 4.23 Min: 1.41	Max: 5.5 Min: 3.6

### Soil Map ID: 16

Soil Component Name: Hazleton

Soil Surface Texture: channery loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 152 inches

Depth to Watertable Min: > 0 inches



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42.34 Min: 14.11	Max: 5.5 Min: 3.6
2	83 inches	88 inches	unweathered bedrock	Not reported	Not reported	Max: 42.34 Min: 3	Max: Min:
3	7 inches	33 inches	very channery sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141.14 Min: 14.11	Max: 5.5 Min: 3.6
4	33 inches	83 inches	very channery loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141.14 Min: 14.11	Max: 5.5 Min: 3.6

### Soil Map ID: 17

Soil Component Name: Clymer

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 102 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
2	7 inches	37 inches	channery clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
3	37 inches	44 inches	very channery loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
4	44 inches	48 inches	weathered bedrock	Not reported	Not reported	Max: 42.34 Min: 14.11	Max: Min:

### Soil Map ID: 18

Soil Component Name: Hazleton

Soil Surface Texture: channery loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 152 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42.34 Min: 14.11	Max: 5.5 Min: 3.6
2	83 inches	88 inches	unweathered bedrock	Not reported	Not reported	Max: 42.34 Min: 3	Max: Min:
3	7 inches	33 inches	very channery sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141.14 Min: 14.11	Max: 5.5 Min: 3.6
4	33 inches	83 inches	very channery loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141.14 Min: 14.11	Max: 5.5 Min: 3.6

### Soil Map ID: 19

Soil Component Name: Brinkerton

Soil Surface Texture: silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 8 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 6 Min: 4.5
2	9 inches	20 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 6 Min: 4.5
3	20 inches	48 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.41 Min: 0.42	Max: 6 Min: 4.5
4	48 inches	59 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4.23 Min: 0.42	Max: 6.5 Min: 5.1

### 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>

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
K31	PA5100049	1/2 - 1 Mile ESE

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

## STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	PASI50000070707	1/4 - 1/2 Mile ENE
A2	SPAW0026134	1/4 - 1/2 Mile ENE
B3	PASI50000070709	1/4 - 1/2 Mile East
B4	SPAW0026136	1/4 - 1/2 Mile East
C5	SPAW0026222	1/2 - 1 Mile WNW
C6	PASI50000070795	1/2 - 1 Mile WNW
C7	SPAW0026221	1/2 - 1 Mile WNW
C8	PASI50000070794	1/2 - 1 Mile WNW
D9	PASI50000070716	1/2 - 1 Mile North
D10	SPAW0026143	1/2 - 1 Mile North
E11	SPAW0026220	1/2 - 1 Mile WNW
E12	PASI50000070793	1/2 - 1 Mile WNW
E13	SPAW0026223	1/2 - 1 Mile WNW
E14	PASI50000070796	1/2 - 1 Mile WNW
E15	SPAW0026219	1/2 - 1 Mile WNW
F16	PASI50000007165	1/2 - 1 Mile East
F17	PASI50000007166	1/2 - 1 Mile East
E18	PASI50000070792	1/2 - 1 Mile WNW
G19	PASI50000070739	1/2 - 1 Mile ESE
H20	SPAW0026138	1/2 - 1 Mile WNW
E21	SPAW0026224	1/2 - 1 Mile WNW
H22	PASI50000070711	1/2 - 1 Mile WNW
G23	SPAW0026166	1/2 - 1 Mile ESE
E24	PASI50000070797	1/2 - 1 Mile WNW
I25	SPAW0026141	1/2 - 1 Mile West
J26	SPAW0026133	1/2 - 1 Mile WSW
I27	PASI50000070714	1/2 - 1 Mile West
J28	PASI50000070706	1/2 - 1 Mile WSW
K29	PASI50000007164	1/2 - 1 Mile ESE
K30	PASI50000216024	1/2 - 1 Mile ESE
K32	PASI50000216025	1/2 - 1 Mile ESE
L33	SPAW0026144	1/2 - 1 Mile WSW
M34	SPAW0026069	1/2 - 1 Mile WNW
L35	PASI50000070717	1/2 - 1 Mile WSW
N36	PASI50000070642	1/2 - 1 Mile NE
M37	PASI50000070643	1/2 - 1 Mile WNW



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### STATE DATABASE WELL INFORMATION

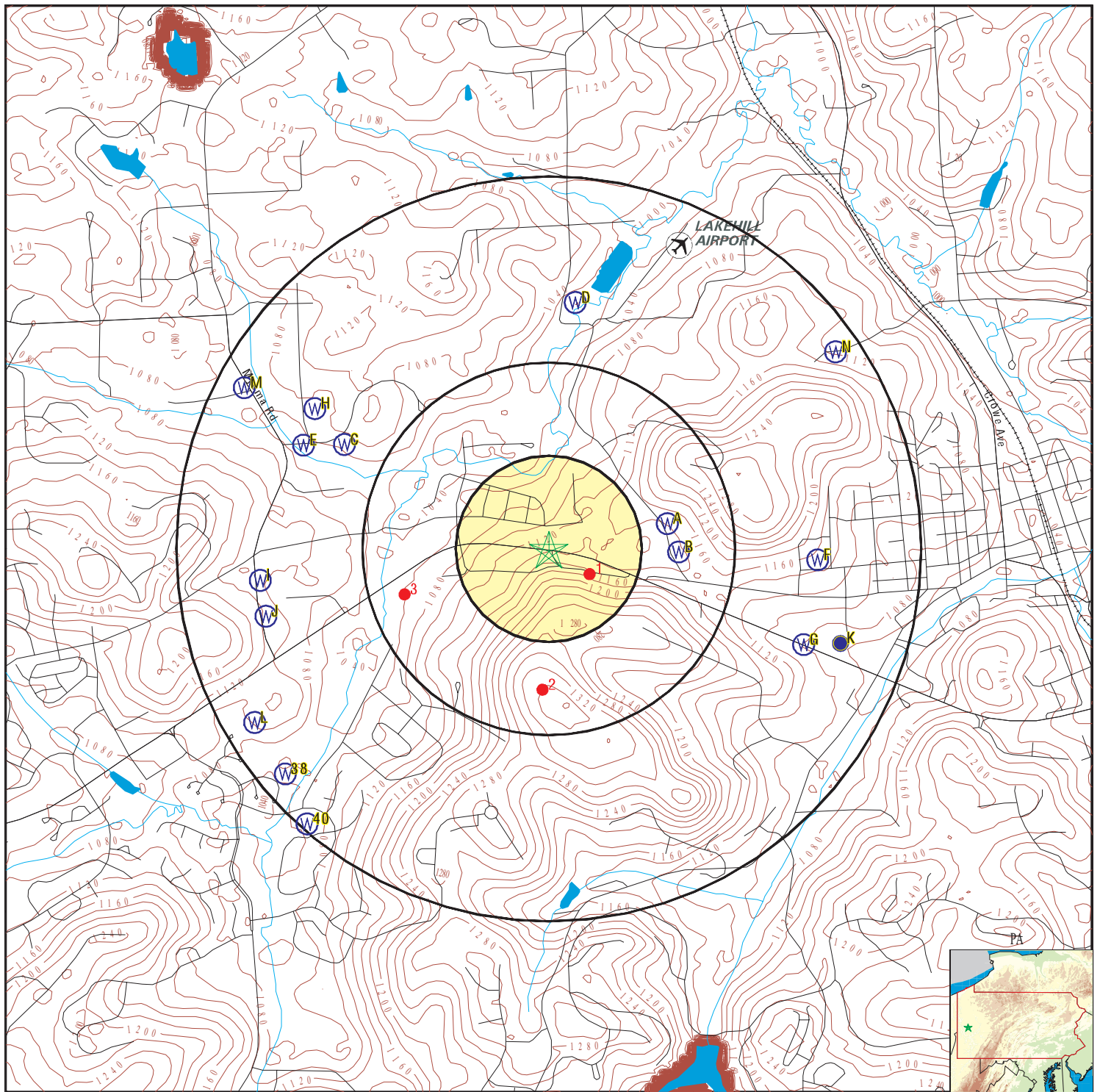
MAP ID	WELL ID	LOCATION FROM TP
38	PASI50000216058	1/2 - 1 Mile SW
N39	SPAW0026068	1/2 - 1 Mile NE
40	PASI50000216057	1/2 - 1 Mile SW

### OTHER STATE DATABASE INFORMATION

### STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	PAOG60000157058	1/8 - 1/4 Mile ESE
2	PAOG60000133384	1/4 - 1/2 Mile South
3	PAOG60000114604	1/4 - 1/2 Mile WSW

# PHYSICAL SETTING SOURCE MAP - 4883757.2s



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

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

0 1/4 1/2 1 Miles



SITE NAME: SR0228 Mars - Myoma Rd To East of Pittsburgh St  
 ADDRESS: 899 PA-228  
 Mars PA 16046  
 LAT/LONG: 40.696262 / 80.035141

CLIENT: The Markosky Engineering Group Inc  
 CONTACT: Amanda Brown  
 INQUIRY #: 4883757.2s  
 DATE: March 20, 2017 8:07 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A1**  
**ENE**  
**1/4 - 1/2 Mile**  
**Higher**

**PA WELLS      PASI50000070707**

Objectid:	70707	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2375N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	210	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	21-MAY-14	Dateupdated:	21-MAY-14
Datareliability:	L	Sourcedepthdata:	D
Municipalitycode:	10904		
Latitudedd:	40.69722		
Longitudedd:	-80.02917		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	18
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	01-SEP-88	Pagwis id:	0
Sourcesitedataco:	2	Localpermit:	Not Reported
Latestowner:	70057	Driller scoordme:	0
Latestproduction:	71424	Latestwelluse:	73281
Site id:	PASI50000070707	GeneralCounter:	74806

**A2**  
**ENE**  
**1/4 - 1/2 Mile**  
**Higher**

**PA WELLS      SPAW0026134**

Well ID:	2375N	County	BUTLER
Owner's Name:	HECKMAN AL	Longitude:	800145
Latitude:	404150	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	210	Casing1 Diameter(inches):	6
Casing 1:	27	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	9-88
Grouted:	Not Reported	Production WL:	100
Static Water Level:	100	Yield Measurement Method:	E
Yield (gpm):	5	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	933
Bedrock:	18	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	100	Lithology:	SAND
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**B3**  
**East**  
**1/4 - 1/2 Mile**  
**Lower**

**PA WELLS PASI50000070709**

Objectid:	70709	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2377N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	230	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	21-MAY-14	Dateupdated:	21-MAY-14
Datareliability:	L	Sourcedepthdata:	D
Municipalitycode:	10904		
Latitudedd:	40.69611		
Longitudedd:	-80.02861		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	1
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	14-APR-89	Pagwis id:	0
Sourcesitedataco:	2	Localpermit:	Not Reported
Latestowner:	70059	Driller scoordme:	0
Latestproduction:	71426	Latestwelluse:	73283
Site id:	PASI50000070709	GeneralCounter:	74808

**B4**  
**East**  
**1/4 - 1/2 Mile**  
**Higher**

**PA WELLS SPAW0026136**

Well ID:	2377N	County	BUTLER
Owner's Name:	MARS SWIMMING POOL	Longitude:	800143
Latitude:	404146	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	Not Reported
Well Depth:	230	Casing1 Diameter(inches):	6
Casing 1:	2	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	4-14-89
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	90	Yield Measurement Method:	B
Yield (gpm):	10	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	933
Bedrock:	14	Water Bearing Zone 2:	110
Water Bearing Zone 1:	90	Lithology:	SLATE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**C5**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS SPAW0026222**

Well ID:	2463N	County	BUTLER
Owner's Name:	LAHR BILL	Longitude:	800243
Latitude:	404201	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	80	Casing1 Diameter(inches):	6
Casing 1:	20	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	8-89
Grouted:	Yes	Production WL:	36
Static Water Level:	36	Yield Measurement Method:	E
Yield (gpm):	26	Test Time:	1
Drawdown:	Not Reported	Driller:	693
Bedrock:	17	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	48	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

**C6**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI50000070795**

Objectid:	70795	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2463N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	80	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	22-MAY-14	Dateupdated:	22-MAY-14
Datareliability:	L	Sourcedepthdatac:	D
Municipalitycode:	10904		
Latitudedd:	40.70028	Depthtobedrock:	0
Longitudedd:	-80.04528	Saltwaterzone:	0
Welladdress:	Not Reported	Pagwis id:	0
Wellzipcode:	Not Reported	Localpermit:	Not Reported
Bedrocknotreache:	0	Driller scoordme:	0
Datedrilled:	01-AUG-89	Latestwelluse:	73369
Sourcesitedataco:	2	GeneralCounter:	74894
Latestowner:	70145		
Latestproduction:	71512		
Site id:	PASI50000070795		



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**C7**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS SPAW0026221**

Well ID:	2462N	County	BUTLER
Owner's Name:	LAHR BILL	Longitude:	800246
Latitude:	404201	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	100	Casing1 Diameter(inches):	6
Casing 1:	28	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	9-86
Grouted:	Yes	Production WL:	45
Static Water Level:	5	Yield Measurement Method:	E
Yield (gpm):	26	Test Time:	1
Drawdown:	Not Reported	Driller:	693
Bedrock:	24	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	55	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

**C8**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI50000070794**

Objectid:	70794	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2462N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	100	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	22-MAY-14	Dateupdated:	22-MAY-14
Datareliability:	L	Sourcedepthdata:	D
Municipalitycode:	10904		
Latitudedd:	40.70028	Depthtobedrock:	0
Longitudedd:	-80.04611	Saltwaterzone:	0
Welladdress:	Not Reported	Pagwis id:	0
Wellzipcode:	Not Reported	Localpermit:	Not Reported
Bedrocknotreache:	0	Driller scoordme:	0
Datedrilled:	01-SEP-86	Latestwelluse:	73368
Sourcesitedataco:	2	GeneralCounter:	74893
Latestowner:	70144		
Latestproduction:	71511		
Site id:	PASI50000070794		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**D9**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI50000070716**

Objectid:	70716	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2384N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	320	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	21-MAY-14	Dateupdated:	21-MAY-14
Datareliability:	L	Sourcedepthdata:	D
Municipalitycode:	10904		
Latitudedd:	40.70583		
Longitudedd:	-80.03389		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	0
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	01-JUN-92	Pagwis id:	0
Sourcesitedata:	2	Localpermit:	Not Reported
Latestowner:	70066	Driller scoordme:	0
Latestproduction:	71433	Latestwelluse:	73290
Site id:	PASI50000070716	GeneralCounter:	74815

**D10**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS SPAW0026143**

Well ID:	2384N	County	BUTLER
Owner's Name:	WATSON JOHN	Longitude:	800202
Latitude:	404221	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	320	Casing1 Diameter(inches):	6
Casing 1:	42	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	6-92
Grouted:	Yes	Production WL:	320
Static Water Level:	140	Yield Measurement Method:	B
Yield (gpm):	13	Test Time:	7
Drawdown:	180	Driller:	218
Bedrock:	35	Water Bearing Zone 2:	240
Water Bearing Zone 1:	145	Lithology:	SAND
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**E11**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS SPAW0026220**

Well ID:	2461N	County	BUTLER
Owner's Name:	HENCHAR WAYNE	Longitude:	800251
Latitude:	404200	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	140	Casing1 Diameter(inches):	6
Casing 1:	33	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	6-90
Grouted:	Yes	Production WL:	70
Static Water Level:	40	Yield Measurement Method:	B
Yield (gpm):	20	Test Time:	1
Drawdown:	30	Driller:	448
Bedrock:	18	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	72	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

**E12**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI50000070793**

Objectid:	70793	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2461N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	140	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	23-JUN-14	Dateupdated:	23-JUN-14
Datareliability:	L	Sourcedepthdatac:	D
Municipalitycode:	10904		
Latitudedd:	40.7		
Longitudedd:	-80.0475		
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	0
Datedrilled:	01-JUN-90	Localpermit:	Not Reported
Sourcesitedataco:	2	Driller scoordme:	0
Latestowner:	70143	Latestwelluse:	73367
Latestproduction:	71510	GeneralCounter:	74892
Site id:	PASI50000070793		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**E13**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS SPAW0026223**

Well ID:	2464N	County	BUTLER
Owner's Name:	WRIGHT BRUCE	Longitude:	800251
Latitude:	404202	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	120	Casing1 Diameter(inches):	6
Casing 1:	26	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	7-89
Grouted:	Yes	Production WL:	39
Static Water Level:	39	Yield Measurement Method:	E
Yield (gpm):	22	Test Time:	1
Drawdown:	Not Reported	Driller:	693
Bedrock:	23	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	81	Lithology:	SANDSTONE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

**E14**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI50000070796**

Objectid:	70796	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2464N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	120	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	22-MAY-14	Dateupdated:	22-MAY-14
Datareliability:	L	Sourcedepthdatac:	D
Municipalitycode:	10904		
Latitudedd:	40.70056	Depthtobedrock:	9
Longitudedd:	-80.0475	Saltwaterzone:	0
Welladdress:	Not Reported	Pagwis id:	0
Wellzipcode:	Not Reported	Localpermit:	Not Reported
Bedrocknotreache:	0	Driller scoordme:	0
Datedrilled:	01-JUL-89	Latestwelluse:	73370
Sourcesitedataco:	2	GeneralCounter:	74895
Latestowner:	70146		
Latestproduction:	71513		
Site id:	PASI50000070796		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**E15**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS SPAW0026219**

Well ID:	2460N	County	BUTLER
Owner's Name:	HENCHAR WILLIAM	Longitude:	800253
Latitude:	404200	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	145	Casing1 Diameter(inches):	6
Casing 1:	37	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	4-90
Grouted:	Yes	Production WL:	15
Static Water Level:	65	Yield Measurement Method:	B
Yield (gpm):	15	Test Time:	1
Drawdown:	50	Driller:	448
Bedrock:	1	Water Bearing Zone 2:	65
Water Bearing Zone 1:	10	Lithology:	SANDSTONE
Water Bearing Zone 3:	90	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

**F16**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS PASI50000007165**

Objectid:	7165	Depcounter:	-1
Siteid:	404145080011701	Transactioncount:	1
Localwellnumber:	BT 340	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	321GLNS	Topographycode:	S
Welldepth:	65	Elevation:	1070
Elevmethodcode:	M	Accuracyofelevat:	10
Hydrologicunit:	05030105	Latlongaccuracy:	M
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	06-DEC-76	Dateupdated:	17-APR-91
Datareliability:	C	Sourcedepthdatac:	Z
Municipalitycode:	10937		
Latitudedd:	40.6958333333333		
Longitudedd:	-80.0213888888889		
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	7166
Datedrilled:	01-JAN-45	Localpermit:	Not Reported
Sourcesitedataco:	1	Driller scoordme:	0
Latestowner:	7156	Latestwelluse:	7166
Latestproduction:	5242	GeneralCounter:	7166
Site id:	PASI50000007165		



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**F17**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS PASI50000007166**

Objectid:	7166	Depcounter:	-1
Siteid:	404145080011702	Transactioncount:	1
Localwellnumber:	BT 341	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	321GLNS	Topographycode:	S
Welldepth:	60	Elevation:	1060
Elevmethodcode:	M	Accuracyofelevat:	10
Hydrologicunit:	05030105	Latlongaccuracy:	M
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	06-DEC-76	Dateupdated:	17-APR-91
Datareliability:	C	Sourcedepthdata:	Z
Municipalitycode:	10937		
Latituedd:	40.6958333333333		
Longituedd:	-80.0213888888889		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	0
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	01-JAN-48	Pagwis id:	7167
Sourcesitedataco:	1	Localpermit:	Not Reported
Latestowner:	7157	Driller scoordme:	0
Latestproduction:	5243	Latestwelluse:	7167
Site id:	PASI50000007166	GeneralCounter:	7167

**E18**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI50000007092**

Objectid:	70792	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2460N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	145	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	23-JUN-14	Dateupdated:	23-JUN-14
Datareliability:	L	Sourcedepthdata:	D
Municipalitycode:	10904		
Latituedd:	40.7		
Longituedd:	-80.04806		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	10
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	01-APR-90	Pagwis id:	0
Sourcesitedataco:	2	Localpermit:	Not Reported
Latestowner:	70142	Driller scoordme:	0

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latestproduction: 71509  
Site id: PASI50000070792

Latestwelluse: 73366  
GeneralCounter: 74891

**G19**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI50000070739**

Objectid:	70739	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2407N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	321GLNS	Topographycode:	S
Welldepth:	140	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	05030105	Latlongaccuracy:	M
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	03-FEB-99	Dateupdated:	04-FEB-99
Datareliability:	L	Sourcedepthdata:	D
Municipalitycode:	10904		
Latitudedd:	40.6925		
Longitudedd:	-80.022222222222		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	0
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	20-APR-89	Pagwis id:	70742
Sourcesitedataco:	2	Localpermit:	Not Reported
Latestowner:	70089	Driller scoordme:	0
Latestproduction:	71456	Latestwelluse:	73313
Site id:	PASI50000070739	GeneralCounter:	74838

**H20**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS SPAW0026138**

Well ID:	2379N	County	BUTLER
Owner's Name:	ANDERSON RON	Longitude:	800250
Latitude:	404206	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	110	Casing1 Diameter(inches):	6
Casing 1:	35	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-89
Grouted:	Not Reported	Production WL:	45
Static Water Level:	35	Yield Measurement Method:	B
Yield (gpm):	15	Test Time:	1
Drawdown:	10	Driller:	448
Bedrock:	7	Water Bearing Zone 2:	70
Water Bearing Zone 1:	34	Lithology:	SANDSTONE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**E21**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS SPAW0026224**

Well ID:	2465N	County	BUTLER
Owner's Name:	WRIGHT BRUCE	Longitude:	800253
Latitude:	404202	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	120	Casing1 Diameter(inches):	6
Casing 1:	32	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	8-90
Grouted:	Yes	Production WL:	46
Static Water Level:	46	Yield Measurement Method:	V
Yield (gpm):	12	Test Time:	2
Drawdown:	Not Reported	Driller:	693
Bedrock:	29	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	60	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

**H22**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI50000070711**

Objectid:	70711	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2379N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	110	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	23-JUN-14	Dateupdated:	23-JUN-14
Datareliability:	L	Sourcedepthdatac:	D
Municipalitycode:	10904		
Latitudedd:	40.70167	Depthtobedrock:	7
Longitudedd:	-80.04722	Saltwaterzone:	0
Welladdress:	Not Reported	Pagwis id:	0
Wellzipcode:	Not Reported	Localpermit:	Not Reported
Bedrocknotreache:	0	Driller scoordme:	0
Datedrilled:	01-OCT-89	Latestwelluse:	73285
Sourcesitedataco:	2	GeneralCounter:	74810
Latestowner:	70061		
Latestproduction:	71428		
Site id:	PASI50000070711		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**G23**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS SPAW0026166**

Well ID:	2407N	County	BUTLER
Owner's Name:	NOCK HERBERT R	Longitude:	800120
Latitude:	404133	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	Not Reported
Well Depth:	140	Casing1 Diameter(inches):	6
Casing 1:	Not Reported	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	4-20-89
Grouted:	Not Reported	Production WL:	140
Static Water Level:	72	Yield Measurement Method:	B
Yield (gpm):	15	Test Time:	5
Drawdown:	68	Driller:	218
Bedrock:	Not Reported	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	SLATE
Water Bearing Zone 3:	Not Reported	Remark:	CLEAN-OUT WELL
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

**E24**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI50000070797**

Objectid:	70797	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2465N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	120	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	22-MAY-14	Dateupdated:	22-MAY-14
Datareliability:	L	Sourcedepthdatac:	D
Municipalitycode:	10904		
Latitudedd:	40.70056		
Longitudedd:	-80.04806		
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	0
Datedrilled:	01-AUG-90	Localpermit:	Not Reported
Sourcesitedataco:	2	Driller scoordme:	0
Latestowner:	70147	Latestwelluse:	73371
Latestproduction:	71514	GeneralCounter:	74896
Site id:	PASI50000070797		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**I25**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS SPAW0026141**

Well ID:	2382N	County	BUTLER
Owner's Name:	UTZ BERRY	Longitude:	800260
Latitude:	404142	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	210	Casing1 Diameter(inches):	6
Casing 1:	30	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	9-90
Grouted:	Yes	Production WL:	Not Reported
Static Water Level:	120	Yield Measurement Method:	B
Yield (gpm):	7	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	933
Bedrock:	25	Water Bearing Zone 2:	120
Water Bearing Zone 1:	50	Lithology:	SLATE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

**J26**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS SPAW0026133**

Well ID:	2374N	County	BUTLER
Owner's Name:	RESSLER R	Longitude:	800259
Latitude:	404137	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	HILLSIDE
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	125	Casing1 Diameter(inches):	6
Casing 1:	38	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	4-88
Grouted:	Not Reported	Production WL:	57
Static Water Level:	57	Yield Measurement Method:	B
Yield (gpm):	9	Test Time:	1
Drawdown:	Not Reported	Driller:	220
Bedrock:	35	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	85	Lithology:	SANDSTONE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

**I27**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI50000070714**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid:	70714	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2382N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	210	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	21-MAY-14	Dateupdated:	21-MAY-14
Datareliability:	L	Sourcedepthdatac:	D
Municipalitycode:	10904		
Latitudedd:	40.695		
Longitudedd:	-80.05		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	15
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	01-SEP-90	Pagwis id:	0
Sourcesitedataco:	2	Localpermit:	Not Reported
Latestowner:	70064	Driller scoordme:	0
Latestproduction:	71431	Latestwelluse:	73288
Site id:	PASI50000070714	GeneralCounter:	74813

**J28**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI50000070706**

Objectid:	70706	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2374N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	125	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	21-MAY-14	Dateupdated:	21-MAY-14
Datareliability:	L	Sourcedepthdatac:	D
Municipalitycode:	10904		
Latitudedd:	40.69361		
Longitudedd:	-80.04972		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	0
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	01-APR-88	Pagwis id:	0
Sourcesitedataco:	2	Localpermit:	Not Reported
Latestowner:	70056	Driller scoordme:	0
Latestproduction:	71423	Latestwelluse:	73280
Site id:	PASI50000070706	GeneralCounter:	74805

**K29**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI50000007164**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid:	7164	Depcounter:	-1
Siteid:	404134080011401	Transactioncount:	1
Localwellnumber:	BT 378	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	321GLNS	Topographycode:	V
Welldepth:	100	Elevation:	1080
Elevmethodcode:	M	Accuracyofelevat:	10
Hydrologicunit:	05030105	Latlongaccuracy:	M
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	06-DEC-76	Dateupdated:	17-APR-91
Datareliability:	C	Sourcedepthdata:	Z
Municipalitycode:	10904		
Latitudedd:	40.6927777777778		
Longitudedd:	-80.0205555555556		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	0
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	Not Reported	Pagwis id:	7165
Sourcesitedata:	1	Localpermit:	Not Reported
Latestowner:	7155	Driller scoordme:	0
Latestproduction:	5241	Latestwelluse:	7165
Site id:	PASI50000007164	GeneralCounter:	7165

**K30  
ESE  
1/2 - 1 Mile  
Lower**

**PA WELLS PASI50000216024**

Objectid:	216024	Depcounter:	5509
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	Not Reported	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	321GLNS	Topographycode:	Not Reported
Welldepth:	250	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	Not Reported	Dateupdated:	Not Reported
Datareliability:	Not Reported	Sourcedepthdata:	Not Reported
Municipalitycode:	10904		
Latitudedd:	40.6925		
Longitudedd:	-80.0202777777778		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	0
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	Not Reported	Pagwis id:	216487
Sourcesitedata:	5	Localpermit:	Not Reported
Latestowner:	215457	Driller scoordme:	0
Latestproduction:	213941	Latestwelluse:	217875
Site id:	PASI50000216024	GeneralCounter:	253130
Counterlink:	5509	Transactioncounter:	1
Agencyuseofsitecode:	O	Agencyusedate:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Recnumflag: 1  
 Conscounter: 5851  
 Recnumconsubrec: 1  
 Constructiondate: 01-JAN-49  
 Sourceconsdatacode: R  
 Finishcode: X  
 Interimwell id: Not Reported  
 Constructioncode: Not Reported  
 Originaldrillername: Not Reported

Counterlink: 5509  
 Transactioncounter: 1  
 Parentseqnumconssubrec: 1  
 Driller: -206  
 Methodconscode: C  
 Drillers well id: Not Reported  
 Abandonmentreasoncode: Not Reported  
 Originaldriller: Not Reported

Counterlink: 5509  
 Seqnumgeohsubrec: 1  
 Aapgcode: 231BRCK  
 Contributingunitcode: P  
 Bottomofinterval: Not Reported

Transactioncounter: 1  
 Parentseqnumaqfrsubrec: Not Reported  
 Lithologycode: SHLE  
 Topofinterval: Not Reported

Counterlink: 5509  
 Siteusecode: W  
 Note: Not Reported  
 Waterusecode: N

Transactioncounter: 1  
 Dateofuse: Not Reported  
 Sitewaterid: 5509

Counterlink: 5509  
 Prodseqnum: 1  
 Datasourcecode: O  
 Discharge: 35.  
 Wldatasourcecode: R  
 Prodwl: Not Reported  
 Speccap: Not Reported  
 Sitestatuswlmeascode: Not Reported  
 Conslink: 5851

Transactioncounter: 1  
 Dischargecode: P  
 Dischargemeasmethodcode: Not Reported  
 Swl: 20.  
 Wlmeasmethodcode: Not Reported  
 Drawdown: Not Reported  
 Testlength: Not Reported  
 Datedischarged: 01-JAN-49  
 Productionid: 4405

Counterlink: 5509  
 Seqnumownersubrec: 1  
 Zipcode: Not Reported  
 Dateownership: 11-DEC-52  
 Ownerid: 5473

Transactioncounter: 1  
 Owner: CONTE & SONS PACKING CO  
 Ownerfirstname: Not Reported  
 Conslink: 5851

**K31**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**FRDS PWS PA5100049**

Epa region: 03  
 Pwsid: PA5100049  
 Pwsname: MARS BOROUGH WATER WORKS  
 City served: Not Reported  
 Zip served: Not Reported  
 Status: Active  
 Pwssvconn: 635  
 Pws type: CWS  
 Contact: ED DORSEY  
 Contactor gname: MARS BOROUGH WATER WORKS  
 Contact phone: 724-625-1858  
 Contact address2: Not Reported  
 Contact state: PA  
 Activity code: A

State: PA  
 State served: PA  
 Fips county: 42019  
 Pop srvd: 1956  
 Source: Groundwater  
 Owner: Local\_Govt  
 Contact address1: 598 SPRING ST  
 Contact city: MARS  
 Contact zip: 16046

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facid:	301		
Facname:	BANKS PLANT		
Facility type:	Treatment_plant	Activity code:	A
Treatment obj:	corrosion control	Treatment process:	ph adjustment
Treatment obj:	corrosion control	Treatment process:	inhibitor, orthophosphate
Treatment obj:	disinfection	Treatment process:	gaseous chlorination, pre
Treatment obj:	disinfection	Treatment process:	not reported
Treatment obj:	inorganics removal	Treatment process:	filtration, pressure sand
Treatment obj:	iron removal	Treatment process:	filtration, pressure sand

Facid:	302		
Facname:	ANDERSON PLANT		
Facility type:	Treatment_plant	Activity code:	A
Treatment obj:	corrosion control	Treatment process:	inhibitor, orthophosphate
Treatment obj:	disinfection	Treatment process:	gaseous chlorination, pre
Treatment obj:	iron removal	Treatment process:	filtration, greensand

Location Information:			
Name:	MARS BOROUGH WATER WORKS		
Pwstypcd:	CWS	Prmsrccd:	GW
Popsserved:	1956		
Add1:	PO BOX 395		
Add2:	Not Reported		
City:	MARS	State:	PA
Zip:	16046	Phone:	724-625-1858
Cityserv:	Not Reported	Cntyserv:	Butler
Stateserv:	PA	Zipserv:	Not Reported

Enforcement Information:			
Violation id:	1227398	Orig cd:	S
Enf fy:	2012	Enf act date:	06/25/2012
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

Enforcement Information:			
Violation id:	1227398	Orig cd:	S
Enf fy:	2012	Enf act date:	06/25/2012
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

Enforcement Information:			
Violation id:	1227398	Orig cd:	S
Enf fy:	2012	Enf act date:	07/31/2012
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

Enforcement Information:			
Violation id:	1227398	Orig cd:	S
Enf fy:	2012	Enf act date:	07/31/2012
Enf act detail:	St Public Notif received	Enf act cat:	Informal

Enforcement Information:			
Violation id:	1227397	Orig cd:	S
Enf fy:	2012	Enf act date:	06/25/2012
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Enforcement Information:**

Violation id:	1227397	Orig cd:	S
Enf fy:	2012	Enf act date:	06/25/2012
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1227397	Orig cd:	S
Enf fy:	2012	Enf act date:	06/25/2012
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1209935	Orig cd:	S
Enf fy:	2012	Enf act date:	01/18/2012
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1209935	Orig cd:	S
Enf fy:	2012	Enf act date:	01/18/2012
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1209934	Orig cd:	S
Enf fy:	2012	Enf act date:	01/18/2012
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1209934	Orig cd:	S
Enf fy:	2012	Enf act date:	01/18/2012
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1209933	Orig cd:	S
Enf fy:	2012	Enf act date:	02/28/2012
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1209933	Orig cd:	S
Enf fy:	2012	Enf act date:	02/28/2012
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1209933	Orig cd:	S
Enf fy:	2012	Enf act date:	02/28/2012
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141386	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141386	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Enforcement Information:**

Violation id:	1141385	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141385	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141384	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141384	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141383	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141383	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141382	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141382	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141381	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141381	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141380	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Enforcement Information:**

Violation id:	1141380	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141379	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141379	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141378	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141378	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141377	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141377	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141376	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141376	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141375	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141375	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Enforcement Information:**

Violation id:	1141374	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141374	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141373	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141373	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141372	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141372	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141371	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141371	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141370	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141370	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141369	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

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**Enforcement Information:**

Violation id:	1141369	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141368	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141368	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141367	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141367	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141366	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141366	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141365	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141365	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141364	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141364	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

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**Enforcement Information:**

Violation id:	1141363	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141363	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141362	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141362	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141361	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141361	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141360	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141360	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141359	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1141359	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1141358	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal



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Enforcement Information:

Violation id:	1141358	Orig cd:	S
Enf fy:	2012	Enf act date:	11/16/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

Enforcement Information:

Violation id:	1118176	Orig cd:	S
Enf fy:	2011	Enf act date:	05/26/2011
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

Enforcement Information:

Violation id:	1118176	Orig cd:	S
Enf fy:	2011	Enf act date:	05/26/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

Enforcement Information:

Violation id:	0820525	Orig cd:	S
Enf fy:	2009	Enf act date:	10/01/2008
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

Enforcement Information:

Violation id:	0820525	Orig cd:	S
Enf fy:	2009	Enf act date:	10/01/2008
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

Enforcement Information:

Violation id:	0723202	Orig cd:	S
Enf fy:	2007	Enf act date:	09/13/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

Enforcement Information:

Violation id:	0723202	Orig cd:	S
Enf fy:	2007	Enf act date:	09/13/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

Enforcement Information:

Violation id:	0723201	Orig cd:	S
Enf fy:	2007	Enf act date:	09/13/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

Enforcement Information:

Violation id:	0723201	Orig cd:	S
Enf fy:	2007	Enf act date:	09/13/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

Enforcement Information:

Violation id:	0623606	Orig cd:	S
Enf fy:	2006	Enf act date:	09/18/2006
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

Enforcement Information:

Violation id:	0623606	Orig cd:	S
Enf fy:	2006	Enf act date:	09/18/2006
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

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**Enforcement Information:**

Violation id:	0623605	Orig cd:	S
Enf fy:	2006	Enf act date:	09/18/2006
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0623605	Orig cd:	S
Enf fy:	2006	Enf act date:	09/18/2006
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0623604	Orig cd:	S
Enf fy:	2006	Enf act date:	09/18/2006
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0623604	Orig cd:	S
Enf fy:	2006	Enf act date:	09/18/2006
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0623603	Orig cd:	S
Enf fy:	2006	Enf act date:	09/18/2006
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0623603	Orig cd:	S
Enf fy:	2006	Enf act date:	09/18/2006
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0623602	Orig cd:	S
Enf fy:	2006	Enf act date:	09/18/2006
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0623602	Orig cd:	S
Enf fy:	2006	Enf act date:	09/18/2006
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0623601	Orig cd:	S
Enf fy:	2006	Enf act date:	09/18/2006
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0623601	Orig cd:	S
Enf fy:	2006	Enf act date:	09/18/2006
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0623600	Orig cd:	S
Enf fy:	2006	Enf act date:	09/18/2006
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

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**Enforcement Information:**

Violation id:	0623600	Orig cd:	S
Enf fy:	2006	Enf act date:	09/18/2006
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0623599	Orig cd:	S
Enf fy:	2006	Enf act date:	09/18/2006
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0623599	Orig cd:	S
Enf fy:	2006	Enf act date:	09/18/2006
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0609507	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609507	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609507	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0609506	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609506	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609506	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0609505	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0609505	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

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**Enforcement Information:**

Violation id:	0609505	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609504	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0609504	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609504	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609503	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609503	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609503	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0609502	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609502	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609502	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0609501	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

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**Enforcement Information:**

Violation id:	0609501	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0609501	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609500	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609500	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609500	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0609499	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609499	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0609499	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609498	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0609498	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609498	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Public Notif requested	Enf act cat:	Informal



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**Enforcement Information:**

Violation id:	0609497	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0609497	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609497	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609496	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609496	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0609496	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609495	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609495	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609495	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0609494	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609494	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

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**Enforcement Information:**

Violation id:	0609494	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609493	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0609493	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609493	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609492	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609492	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0609492	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609491	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0609491	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609491	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609490	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

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**Enforcement Information:**

Violation id:	0609490	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609490	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609489	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0609489	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609489	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609488	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609488	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0609488	Orig cd:	S
Enf fy:	2007	Enf act date:	09/24/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0536330	Orig cd:	S
Enf fy:	2005	Enf act date:	09/29/2005
Enf act detail:	St Consent Decree/Judgement	Enf act cat:	Formal

**Enforcement Information:**

Violation id:	0536330	Orig cd:	S
Enf fy:	2005	Enf act date:	09/29/2005
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0536330	Orig cd:	S
Enf fy:	2005	Enf act date:	09/29/2005
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

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**Enforcement Information:**

Violation id:	0503061	Orig cd:	S
Enf fy:	2006	Enf act date:	09/14/2006
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0503061	Orig cd:	S
Enf fy:	2006	Enf act date:	09/14/2006
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0503060	Orig cd:	S
Enf fy:	2006	Enf act date:	09/14/2006
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0503060	Orig cd:	S
Enf fy:	2006	Enf act date:	09/14/2006
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0436712	Orig cd:	S
Enf fy:	2005	Enf act date:	12/29/2004
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0436712	Orig cd:	S
Enf fy:	2005	Enf act date:	12/29/2004
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0436711	Orig cd:	S
Enf fy:	2005	Enf act date:	12/29/2004
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0436711	Orig cd:	S
Enf fy:	2005	Enf act date:	12/29/2004
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0415738	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415738	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0415738	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Public Notif received	Enf act cat:	Informal

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**Enforcement Information:**

Violation id:	0415738	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415737	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415737	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Public Notif received	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415737	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0415737	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415736	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415736	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Public Notif received	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415736	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415736	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0415735	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Public Notif received	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415735	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving



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Enforcement Information:

Violation id:	0415735	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

Enforcement Information:

Violation id:	0415735	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

Enforcement Information:

Violation id:	0415734	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

Enforcement Information:

Violation id:	0415734	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Public Notif received	Enf act cat:	Informal

Enforcement Information:

Violation id:	0415734	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

Enforcement Information:

Violation id:	0415734	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

Enforcement Information:

Violation id:	0415733	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Public Notif received	Enf act cat:	Informal

Enforcement Information:

Violation id:	0415733	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

Enforcement Information:

Violation id:	0415733	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

Enforcement Information:

Violation id:	0415733	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

Enforcement Information:

Violation id:	0415732	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

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**Enforcement Information:**

Violation id:	0415732	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0415732	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Public Notif received	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415732	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415731	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415731	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415731	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Public Notif received	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415731	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0415730	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0415730	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415730	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415730	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Public Notif received	Enf act cat:	Informal

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**Enforcement Information:**

Violation id:	0415729	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0415729	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Public Notif received	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415729	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415729	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415728	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415728	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415728	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Public Notif received	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415728	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0415727	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0415727	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415727	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Public Notif received	Enf act cat:	Informal

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**Enforcement Information:**

Violation id:	0415727	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415726	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0415726	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415726	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415726	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Public Notif received	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415725	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415725	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Public Notif received	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415725	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0415725	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415724	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415724	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

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**Enforcement Information:**

Violation id:	0415724	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Public Notif received	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415724	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0415723	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415723	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415723	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0415723	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Public Notif received	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415722	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0415722	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Public Notif received	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415722	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415722	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415721	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving



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**Enforcement Information:**

Violation id:	0415721	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415721	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Public Notif received	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415721	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415720	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Public Notif received	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415720	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0415720	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415720	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415719	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415719	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Public Notif received	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415719	Orig cd:	S
Enf fy:	2004	Enf act date:	04/13/2004
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0415719	Orig cd:	S
Enf fy:	2004	Enf act date:	06/16/2004
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

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**Enforcement Information:**

Violation id:	0400600	Orig cd:	S
Enf fy:	2005	Enf act date:	04/12/2005
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0400600	Orig cd:	S
Enf fy:	2005	Enf act date:	04/12/2005
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0332584	Orig cd:	S
Enf fy:	2004	Enf act date:	12/16/2003
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0332584	Orig cd:	S
Enf fy:	2006	Enf act date:	01/05/2006
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	0332584	Orig cd:	S
Enf fy:	2004	Enf act date:	12/16/2003
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0332584	Orig cd:	S
Enf fy:	2004	Enf act date:	12/16/2003
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	0332584	Orig cd:	S
Enf fy:	2004	Enf act date:	12/16/2003
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	01V0001	Orig cd:	F
Enf fy:	2001	Enf act date:	07/13/2001
Enf act detail:	Fed Compliance achieved	Enf act cat:	Resolving

**Violations Information:**

Violation id:	1227398	Orig cd:	S
State:	PA	Viol fy:	2012
Contamcd:	7500		
Contamnm:	Public Notice		
Viol code:	75		
Viol name:	PN Violation for NPDWR Violation		
Rule code:	410		
Rule name:	PN rule		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	05/01/2012
Cmpedt:	Not Reported		

**Violations Information:**

Violation id:	1227397	Orig cd:	S
State:	PA	Viol fy:	2012
Contamcd:	0700		
Contamnm:	GROUNDWATER RULE		
Viol code:	41		
Viol name:	Treatment Technique (SWTR and GWR)		
Rule code:	140		
Rule name:	GWR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported

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State mcl:	Not Reported	Cmpbdt:	05/01/2012
Cmpedt:	05/31/2012		
Violations Information:			
Violation id:	1209935	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2050		
Contamnm:	Atrazine		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	10/01/2011
Cmpedt:	12/31/2011		
Violations Information:			
Violation id:	1209934	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2037		
Contamnm:	Simazine		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	10/01/2011
Cmpedt:	12/31/2011		
Violations Information:			
Violation id:	1209933	Orig cd:	S
State:	PA	Viol fy:	2012
Contamcd:	5000		
Contamnm:	Lead and Copper Rule		
Viol code:	52		
Viol name:	Follow-up Or Routine LCR Tap M/R		
Rule code:	350		
Rule name:	LCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	01/01/2012
Cmpedt:	Not Reported		
Violations Information:			
Violation id:	1141386	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2959		
Contamnm:	Chlordane		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		

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### Violations Information:

Violation id:	1141385	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2946		
Contamnm:	ETHYLENE DIBROMIDE		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		

### Violations Information:

Violation id:	1141384	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2931		
Contamnm:	1,2-DIBROMO-3-CHLOROPROPANE		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		

### Violations Information:

Violation id:	1141383	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2383		
Contamnm:	Total Polychlorinated Biphenyls (PCB)		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		

### Violations Information:

Violation id:	1141382	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2326		
Contamnm:	Pentachlorophenol		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		

### Violations Information:

Violation id:	1141381	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2306		
Contamnm:	Benzo(a)pyrene		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		
Violations Information:			
Violation id:	1141380	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2274		
Contamnm:	HEXACHLOROBENZENE		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		
Violations Information:			
Violation id:	1141379	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2110		
Contamnm:	2,4,5-TP		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		
Violations Information:			
Violation id:	1141378	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2105		
Contamnm:	2,4-D		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		
Violations Information:			
Violation id:	1141377	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2067		
Contamnm:	Heptachlor epoxide		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

### Violations Information:

Violation id:	1141376	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2065		
Contamnm:	Heptachlor		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		

### Violations Information:

Violation id:	1141375	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2051		
Contamnm:	LASSO		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		

### Violations Information:

Violation id:	1141374	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2050		
Contamnm:	Atrazine		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		

### Violations Information:

Violation id:	1141373	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2046		
Contamnm:	Carbofuran		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		

### Violations Information:

Violation id:	1141372	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2042		
Contamnm:	Hexachlorocyclopentadiene		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		
Violations Information:			
Violation id:	1141371	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2041		
Contamnm:	Dinoseb		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		
Violations Information:			
Violation id:	1141370	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2040		
Contamnm:	Picloram		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		
Violations Information:			
Violation id:	1141369	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2039		
Contamnm:	Di(2-ethylhexyl) phthalate		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		
Violations Information:			
Violation id:	1141368	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2037		
Contamnm:	Simazine		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Violations Information:**

Violation id:	1141367	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2036		
Contamnm:	OXAMYL		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		

**Violations Information:**

Violation id:	1141366	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2035		
Contamnm:	Di(2-ethylhexyl) adipate		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		

**Violations Information:**

Violation id:	1141365	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2034		
Contamnm:	Glyphosate		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		

**Violations Information:**

Violation id:	1141364	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2033		
Contamnm:	Endothall		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		

**Violations Information:**

Violation id:	1141363	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2032		
Contamnm:	Diquat		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		
Violations Information:			
Violation id:	1141362	Orig cd:	S
State:	PA	Viol fy:	2011
Contamcd:	2031		
Contamnm:	Dalapon		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2011
Cmpedt:	09/30/2011		
PWS ID: PA5100049			
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	MARS BOROUGH WATER WORKS PO BOX 395 MARS, PA 16046		
Addressee / Facility: Mailing MARS BOROUGH WATER WORKS ERNIE KUHS & RALPH SORG PO BOX 395 MARS, PA 16046			
Facility Latitude:	40 41 22.0000	Facility Longitude:	80 0 24.0000
Facility Latitude:	40 41 33.0000	Facility Longitude:	80 1 12.0000
Facility Latitude:	40 41 33.0000	Facility Longitude:	80 1 13.0000
City Served:	Not Reported		
Treatment Class:	Treated	Population:	1956

Violations information not reported.

### ENFORCEMENT INFORMATION:

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	01V0001	Contaminant:	7000
Viol. Type:	CCR Complete Failure to Report		
Complperbe:	7/1/2001 0:00:00		
Complperen:	7/13/2001 0:00:00	Enfdate:	7/13/2001 0:00:00
Enf action:	Fed Compliance Achieved		
Violmeasur:	0		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0332584	Contaminant:	7000
Viol. Type:	CCR Complete Failure to Report		
Complperbe:	7/1/2003 0:00:00		
Complperen:	1/5/2006 0:00:00	Enfdate:	1/5/2006 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0332584	Contaminant:	7000
Viol. Type:	CCR Complete Failure to Report		
Complperbe:	7/1/2003 0:00:00		
Complperen:	1/5/2006 0:00:00	Enfdate:	12/16/2003 0:00:00
Enf action:	State Violation/Reminder Notice		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0332584	Contaminant:	7000
Viol. Type:	CCR Complete Failure to Report		
Complperbe:	7/1/2003 0:00:00		
Complperen:	1/5/2006 0:00:00	Enfdate:	12/16/2003 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0400600	Contaminant:	7000
Viol. Type:	CCR Inadequate Reporting		
Complperbe:	10/1/2003 0:00:00		
Complperen:	4/12/2005 0:00:00	Enfdate:	4/12/2005 0:00:00
Enf action:	State Violation/Reminder Notice		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0400600	Contaminant:	7000
Viol. Type:	CCR Inadequate Reporting		
Complperbe:	10/1/2003 0:00:00		
Complperen:	4/12/2005 0:00:00	Enfdate:	4/12/2005 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415719	Contaminant:	1,2,4-TRICHLOROBENZENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415719	Contaminant:	1,2,4-TRICHLOROBENZENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415719	Contaminant:	1,2,4-TRICHLOROBENZENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415719	Contaminant:	1,2,4-TRICHLOROBENZENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415720	Contaminant:	CIS-1,2-DICHLOROETHYLENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415720	Contaminant:	CIS-1,2-DICHLOROETHYLENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415720	Contaminant:	CIS-1,2-DICHLOROETHYLENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415720	Contaminant:	CIS-1,2-DICHLOROETHYLENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415721	Contaminant:	XYLENES, TOTAL
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415721	Contaminant:	XYLENES, TOTAL
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415721	Contaminant:	XYLENES, TOTAL
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415721	Contaminant:	XYLENES, TOTAL
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415722	Contaminant:	METHYLENE CHLORIDE (DICHLOROMETHANE)
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415722	Contaminant:	METHYLENE CHLORIDE (DICHLOROMETHANE)
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415722	Contaminant:	METHYLENE CHLORIDE (DICHLOROMETHANE)
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415722	Contaminant:	METHYLENE CHLORIDE (DICHLOROMETHANE)
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415723	Contaminant:	O-DICHLOROBENZENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415723	Contaminant:	O-DICHLOROBENZENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415723	Contaminant:	O-DICHLOROBENZENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415723	Contaminant:	O-DICHLOROBENZENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415724	Contaminant:	P-DICHLOROBENZENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415724	Contaminant:	P-DICHLOROBENZENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415724	Contaminant:	P-DICHLOROBENZENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415724	Contaminant:	P-DICHLOROBENZENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415725	Contaminant:	1,1-DICHLOROETHYLENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415725	Contaminant:	1,1-DICHLOROETHYLENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415725	Contaminant:	1,1-DICHLOROETHYLENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415725	Contaminant:	1,1-DICHLOROETHYLENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415726	Contaminant:	TRANS-1,2-DICHLOROETHYLENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415726	Contaminant:	TRANS-1,2-DICHLOROETHYLENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415726	Contaminant:	TRANS-1,2-DICHLOROETHYLENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415726	Contaminant:	TRANS-1,2-DICHLOROETHYLENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415727	Contaminant:	1,2-DICHLOROETHANE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415727	Contaminant:	1,2-DICHLOROETHANE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415727	Contaminant:	1,2-DICHLOROETHANE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415727	Contaminant:	1,2-DICHLOROETHANE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415728	Contaminant:	1,1,1-TRICHLOROETHANE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415728	Contaminant:	1,1,1-TRICHLOROETHANE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415728	Contaminant:	1,1,1-TRICHLOROETHANE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415728	Contaminant:	1,1,1-TRICHLOROETHANE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415729	Contaminant:	CARBON TETRACHLORIDE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415729	Contaminant:	CARBON TETRACHLORIDE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415729	Contaminant:	CARBON TETRACHLORIDE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415729	Contaminant:	CARBON TETRACHLORIDE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415730	Contaminant:	1,2-DICHLOROPROPANE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415730	Contaminant:	1,2-DICHLOROPROPANE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415730	Contaminant:	1,2-DICHLOROPROPANE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415730	Contaminant:	1,2-DICHLOROPROPANE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415731	Contaminant:	TRICHLOROETHYLENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415731	Contaminant:	TRICHLOROETHYLENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415731	Contaminant:	TRICHLOROETHYLENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415731	Contaminant:	TRICHLOROETHYLENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415732	Contaminant:	1,1,2-TRICHLOROETHANE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415732	Contaminant:	1,1,2-TRICHLOROETHANE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415732	Contaminant:	1,1,2-TRICHLOROETHANE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415732	Contaminant:	1,1,2-TRICHLOROETHANE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: PA5100049  
Pwsname: MARS BOROUGH WATER WORKS  
Retpopsrvd: 1956 Pwstypecod: C  
Voiid: 0415733 Contaminant: TETRACHLOROETHYLENE  
Viol. Type: 3  
Complperbe: 1/1/2003 0:00:00  
Complperen: 12/31/2003 0:00:00 Enfdate: 6/16/2004 0:00:00  
Enf action: State Public Notif Received  
Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: PA5100049  
Pwsname: MARS BOROUGH WATER WORKS  
Retpopsrvd: 1956 Pwstypecod: C  
Voiid: 0415733 Contaminant: TETRACHLOROETHYLENE  
Viol. Type: 3  
Complperbe: 1/1/2003 0:00:00  
Complperen: 12/31/2003 0:00:00 Enfdate: 4/13/2004 0:00:00  
Enf action: State Public Notif Requested  
Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: PA5100049  
Pwsname: MARS BOROUGH WATER WORKS  
Retpopsrvd: 1956 Pwstypecod: C  
Voiid: 0415733 Contaminant: TETRACHLOROETHYLENE  
Viol. Type: 3  
Complperbe: 1/1/2003 0:00:00  
Complperen: 12/31/2003 0:00:00 Enfdate: 4/13/2004 0:00:00  
Enf action: State Formal NOV Issued  
Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: PA5100049  
Pwsname: MARS BOROUGH WATER WORKS  
Retpopsrvd: 1956 Pwstypecod: C  
Voiid: 0415733 Contaminant: TETRACHLOROETHYLENE  
Viol. Type: 3  
Complperbe: 1/1/2003 0:00:00  
Complperen: 12/31/2003 0:00:00 Enfdate: 6/16/2004 0:00:00  
Enf action: State Compliance Achieved  
Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: PA5100049  
Pwsname: MARS BOROUGH WATER WORKS  
Retpopsrvd: 1956 Pwstypecod: C  
Voiid: 0415734 Contaminant: MONOCHLOROBENZENE (CHLOROBENZENE)  
Viol. Type: 3  
Complperbe: 1/1/2003 0:00:00  
Complperen: 12/31/2003 0:00:00 Enfdate: 6/16/2004 0:00:00  
Enf action: State Public Notif Received  
Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: PA5100049  
Pwsname: MARS BOROUGH WATER WORKS  
Retpopsrvd: 1956 Pwstypecod: C  
Voiid: 0415734 Contaminant: MONOCHLOROBENZENE (CHLOROBENZENE)  
Viol. Type: 3  
Complperbe: 1/1/2003 0:00:00  
Complperen: 12/31/2003 0:00:00 Enfdate: 6/16/2004 0:00:00  
Enf action: State Compliance Achieved  
Violmeasur: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415734	Contaminant:	MONOCHLORO BENZENE (CHLORO BENZENE)
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415734	Contaminant:	MONOCHLORO BENZENE (CHLORO BENZENE)
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415735	Contaminant:	BENZENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415735	Contaminant:	BENZENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415735	Contaminant:	BENZENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415735	Contaminant:	BENZENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415736	Contaminant:	TOLUENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415736	Contaminant:	TOLUENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415736	Contaminant:	TOLUENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415736	Contaminant:	TOLUENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415737	Contaminant:	ETHYLBENZENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415737	Contaminant:	ETHYLBENZENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415737	Contaminant:	ETHYLBENZENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415737	Contaminant:	ETHYLBENZENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415738	Contaminant:	STYRENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415738	Contaminant:	STYRENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	4/13/2004 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415738	Contaminant:	STYRENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0415738	Contaminant:	STYRENE
Viol. Type:	3		
Complperbe:	1/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	6/16/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0436711	Contaminant:	0999
Viol. Type:	Monitoring and Reporting Stage 1		
Complperbe:	4/1/2004 0:00:00		
Complperen:	6/30/2004 0:00:00	Enfdate:	12/29/2004 0:00:00
Enf action:	State Violation/Reminder Notice		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0436711	Contaminant:	0999
Viol. Type:	Monitoring and Reporting Stage 1		
Complperbe:	4/1/2004 0:00:00		
Complperen:	6/30/2004 0:00:00	Enfdate:	12/29/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0436712	Contaminant:	GROSS ALPHA, EXCL. RADON & U
Viol. Type:	3		
Complperbe:	7/1/2000 0:00:00		
Complperen:	6/30/2004 0:00:00	Enfdate:	12/29/2004 0:00:00
Enf action:	State Violation/Reminder Notice		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0436712	Contaminant:	GROSS ALPHA, EXCL. RADON & U
Viol. Type:	3		
Complperbe:	7/1/2000 0:00:00		
Complperen:	6/30/2004 0:00:00	Enfdate:	12/29/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0503060	Contaminant:	2456
Viol. Type:	Monitoring and Reporting Stage 1		
Complperbe:	7/1/2004 0:00:00		
Complperen:	9/30/2004 0:00:00	Enfdate:	9/14/2006 0:00:00
Enf action:	State Consent Decree/Judgement		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0503060	Contaminant:	2456
Viol. Type:	Monitoring and Reporting Stage 1		
Complperbe:	7/1/2004 0:00:00		
Complperen:	9/30/2004 0:00:00	Enfdate:	9/14/2006 0:00:00
Enf action:	State Violation/Reminder Notice		
Violmeasur:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0503060	Contaminant:	2456
Viol. Type:	Monitoring and Reporting Stage 1		
Complperbe:	7/1/2004 0:00:00		
Complperen:	9/30/2004 0:00:00	Enfdate:	9/14/2006 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0503061	Contaminant:	TTHM
Viol. Type:	Monitoring and Reporting Stage 1		
Complperbe:	7/1/2004 0:00:00		
Complperen:	9/30/2004 0:00:00	Enfdate:	9/14/2006 0:00:00
Enf action:	State Consent Decree/Judgement		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0503061	Contaminant:	TTHM
Viol. Type:	Monitoring and Reporting Stage 1		
Complperbe:	7/1/2004 0:00:00		
Complperen:	9/30/2004 0:00:00	Enfdate:	9/14/2006 0:00:00
Enf action:	State Violation/Reminder Notice		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0503061	Contaminant:	TTHM
Viol. Type:	Monitoring and Reporting Stage 1		
Complperbe:	7/1/2004 0:00:00		
Complperen:	9/30/2004 0:00:00	Enfdate:	9/14/2006 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0536330	Contaminant:	7000
Viol. Type:	CCR Complete Failure to Report		
Complperbe:	7/1/2005 0:00:00		
Complperen:	9/29/2005 0:00:00	Enfdate:	9/29/2005 0:00:00
Enf action:	State Consent Decree/Judgement		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0536330	Contaminant:	7000
Viol. Type:	CCR Complete Failure to Report		
Complperbe:	7/1/2005 0:00:00		
Complperen:	9/29/2005 0:00:00	Enfdate:	9/29/2005 0:00:00
Enf action:	State Violation/Reminder Notice		
Violmeasur:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0536330	Contaminant:	7000
Viol. Type:	CCR Complete Failure to Report		
Complperbe:	7/1/2005 0:00:00		
Complperen:	9/29/2005 0:00:00	Enfdate:	9/29/2005 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0609488	Contaminant:	1,2,4-TRICHLOROBENZENE
Viol. Type:	3		
Complperbe:	10/1/2005 0:00:00		
Complperen:	12/31/2005 0:00:00	Enfdate:	9/24/2007 0:00:00
Enf action:	State Violation/Reminder Notice		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA5100049
Pwsname:	MARS BOROUGH WATER WORKS		
Retpopsrvd:	1956	Pwstypecod:	C
Void:	0609488	Contaminant:	1,2,4-TRICHLOROBENZENE
Viol. Type:	3		
Complperbe:	10/1/2005 0:00:00		
Complperen:	12/31/2005 0:00:00	Enfdate:	9/24/2007 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

### CONTACT INFORMATION:

Name:	MARS BOROUGH WATER WORKS	Population:	1956
Contact:	HOWARD BOHNERT	Phone:	Not Reported
Address:	598 SPRING ST		
Address 2:	MARS		
	PA, 16 724-6		

**K32**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI50000216025**

Objectid:	216025	Depcounter:	5510
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	Not Reported	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	321GLNS	Topographycode:	Not Reported
Welldepth:	0	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	Not Reported	Dateupdated:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Data reliability:	Not Reported	Source depth data:	Not Reported
Municipality code:	10904		
Latitude:	40.6925		
Longitude:	-80.02		
Well address:	Not Reported		
Well zip code:	Not Reported	Depth to bedrock:	0
Bedrock not reached:	0	Saltwater zone:	0
Dated drilled:	Not Reported	Pagwis id:	216488
Source site data code:	5	Local permit:	Not Reported
Latest owner:	215458	Driller's coordinates:	0
Latest production:	213942	Latest well use:	217876
Site id:	PAS150000216025	General Counter:	253131
Counterlink:	5510	Transaction counter:	1
Agency use of site code:	O	Agency use date:	Not Reported
Recnum flag:	1	Counterlink:	5510
Cons counter:	5852	Transaction counter:	1
Recnum consub rec:	1	Parent seq num consub rec:	1
Construction date:	01-JAN-46	Driller:	-206
Source cons data code:	R	Method cons code:	C
Finish code:	X	Drillers well id:	Not Reported
Interim well id:	Not Reported	Abandonment reason code:	Not Reported
Construction code:	Not Reported	Original driller:	Not Reported
Original driller name:	Not Reported		
Counterlink:	5510	Transaction counter:	1
Seq num geoh sub rec:	1	Parent seq num aqfr sub rec:	Not Reported
Aapg code:	231BRCK	Lithology code:	SHLE
Contributing unit code:	P	Top of interval:	Not Reported
Bottom of interval:	Not Reported		
Counterlink:	5510	Transaction counter:	1
Site use code:	W	Date of use:	Not Reported
Note:	Not Reported		
Water use code:	N	Site water id:	5510
Counterlink:	5510	Transaction counter:	1
Prod seq num:	1	Discharge type code:	P
Data source code:	O	Discharge measurement method code:	Not Reported
Discharge:	25.	Swl:	20.
Wl data source code:	R	Wl measurement method code:	Not Reported
Prodwl:	Not Reported	Drawdown:	Not Reported
Speccap:	Not Reported	Test length:	Not Reported
Site status wl meas code:	Not Reported	Dated discharged:	01-JAN-49
Conslink:	Not Reported	Production id:	4406
Counterlink:	5510	Transaction counter:	1
Seq num owners sub rec:	1	Owner:	CONTE & SONS PACKING CO
Zip code:	Not Reported	Owner first name:	Not Reported
Date ownership:	11-DEC-52	Conslink:	5852
Owner id:	5474		
Counterlink:	5510	Transaction counter:	1
Seq num owners sub rec:	2	Owner:	Stone Bridge Water Co
Zip code:	Not Reported	Owner first name:	Not Reported
Date ownership:	01-JAN-87	Conslink:	5852
Owner id:	5475		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Counterlink: 5510  
Seqnumotheridsubrec: 2  
Otheridassignor: OWNER PA

Transactioncounter: 1  
Otheridentifier: 9

**L33**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS SPAW0026144**

Well ID: 2385N  
Owner's Name: DECESER PAT  
Latitude: 404122  
Quadrangle: MARS  
Hydrologic Unit: 05030105  
Water Usage: DOMESTIC  
Well Depth: 90  
Casing 1: 10  
Casing2: Not Reported  
Grouted: Not Reported  
Static Water Level: 15  
Yield (gpm): 90  
Drawdown: Not Reported  
Bedrock: 12  
Water Bearing Zone 1: 50  
Water Bearing Zone 3: Not Reported  
Municipality: ADAMS  
Aquifer: GLENSHAW FORMATION

County: BUTLER  
Longitude: 800301  
Lat/Long Accuracy: ACCURATE TO +1 MINUTE  
Topographic Setting: HILLSIDE  
Site Usage: TEST  
Finish: OPEN HOLE  
Casing1 Diameter(inches): 6  
Casing2 Diameter(inches): Not Reported  
Date Drilled: 3-18-91  
Production WL: 15  
Yield Measurement Method: B  
Test Time: 1  
Driller: 933  
Water Bearing Zone 2: Not Reported  
Lithology: SAND  
Remark: Not Reported

**M34**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS SPAW0026069**

Well ID: 1644N  
Owner's Name: CROSS RDS CHURCH  
Latitude: 404209  
Quadrangle: MARS  
Hydrologic Unit: 05030105  
Water Usage: PUBLIC SUPPLY  
Well Depth: 125  
Casing 1: 30  
Casing2: Not Reported  
Grouted: Not Reported  
Static Water Level: 50  
Yield (gpm): 14  
Drawdown: 10  
Bedrock: 17  
Water Bearing Zone 1: 15  
Water Bearing Zone 3: 80  
Municipality: ADAMS  
Aquifer: GLENSHAW FORMATION

County: BUTLER  
Longitude: 800303  
Lat/Long Accuracy: ACCURATE TO +5 SECONDS  
Topographic Setting: FLAT SURFACE  
Site Usage: WITHDRAWAL  
Finish: PERFORATED OR SLOTTED  
Casing1 Diameter(inches): 6  
Casing2 Diameter(inches): Not Reported  
Date Drilled: 11-83  
Production WL: 60  
Yield Measurement Method: B  
Test Time: 40  
Driller: 1613  
Water Bearing Zone 2: 35  
Lithology: CLAY  
Remark: Not Reported

**L35**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI50000070717**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid:	70717	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	2385N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	90	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	21-MAY-14	Dateupdated:	21-MAY-14
Datareliability:	L	Sourcedepthdatac:	D
Municipalitycode:	10904		
Latitudedd:	40.68944		
Longitudedd:	-80.05028		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	3
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	18-FEB-91	Pagwis id:	0
Sourcesitedataco:	2	Localpermit:	Not Reported
Latestowner:	70067	Driller scoordme:	0
Latestproduction:	71434	Latestwelluse:	73291
Site id:	PASI50000070717	GeneralCounter:	74816

**N36**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI50000070642**

Objectid:	70642	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	1643N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	65	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	20-MAY-14	Dateupdated:	20-MAY-14
Datareliability:	L	Sourcedepthdatac:	D
Municipalitycode:	10904		
Latitudedd:	40.70389		
Longitudedd:	-80.02056		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	5
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	01-SEP-83	Pagwis id:	0
Sourcesitedataco:	2	Localpermit:	Not Reported
Latestowner:	69992	Driller scoordme:	0
Latestproduction:	71359	Latestwelluse:	73217
Site id:	PASI50000070642	GeneralCounter:	74741

**M37**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI50000070643**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid:	70643	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	1644N	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	125	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	20-MAY-14	Dateupdated:	20-MAY-14
Datareliability:	L	Sourcedepthdatac:	D
Municipalitycode:	10904		
Latitudedd:	40.7025		
Longitudedd:	-80.05083		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	10
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	01-NOV-83	Pagwis id:	0
Sourcesitedataco:	2	Localpermit:	Not Reported
Latestowner:	69993	Driller scoordme:	0
Latestproduction:	71360	Latestwelluse:	73218
Site id:	PASI50000070643	GeneralCounter:	74742

**38**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI50000216058**

Objectid:	216058	Depcounter:	5546
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	Not Reported	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	321GLNS	Topographycode:	Not Reported
Welldepth:	0	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	Not Reported	Dateupdated:	Not Reported
Datareliability:	Not Reported	Sourcedepthdatac:	Not Reported
Municipalitycode:	10904		
Latitudedd:	40.6875		
Longitudedd:	-80.0486111111111		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	0
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	Not Reported	Pagwis id:	216524
Sourcesitedataco:	5	Localpermit:	Not Reported
Latestowner:	215494	Driller scoordme:	0
Latestproduction:	213975	Latestwelluse:	217912
Site id:	PASI50000216058	GeneralCounter:	253167
Counterlink:	5546	Transactioncounter:	1
Agencyuseofsitecode:	O	Agencyusedate:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Recnumflag: 1  
 Conscounter: 5887  
 Recnumconsubrec: 1  
 Constructiondate: 01-JAN-10  
 Sourceconsdatacode: S  
 Finishcode: X  
 Interimwell id: Not Reported  
 Constructioncode: Not Reported  
 Originaldrillername: Not Reported

Counterlink: 5546  
 Transactioncounter: 1  
 Parentseqnumconssubrec: Not Reported  
 Driller: 0249  
 Methodconscode: C  
 Drillers well id: Not Reported  
 Abandonmentreasoncode: Not Reported  
 Originaldriller: Not Reported

Counterlink: 5546  
 Seqnumgeohsubrec: 1  
 Aapgcode: 231BRCK  
 Contributingunitcode: P  
 Bottomofinterval: Not Reported

Transactioncounter: 1  
 Parentseqnumaqfrsubrec: Not Reported  
 Lithologycode: SHLE  
 Topofinterval: Not Reported

Counterlink: 5546  
 Siteusecode: U  
 Note: Not Reported  
 Waterusecode: U

Transactioncounter: 1  
 Dateofuse: Not Reported  
 Sitewaterid: 5546

Counterlink: 5546  
 Prodseqnum: 1  
 Datasourcecode: O  
 Discharge: 10.  
 Wldatasourcecode: Not Reported  
 Prodwl: Not Reported  
 Speccap: Not Reported  
 Sitestatuswlmeascode: Not Reported  
 Conslink: Not Reported

Transactioncounter: 1  
 Dischargecode: P  
 Dischargemeasmethodcode: Not Reported  
 Swl: Not Reported  
 Wlmeasmethodcode: Not Reported  
 Drawdown: Not Reported  
 Testlength: Not Reported  
 Datedischarged: Not Reported  
 Productionid: 4427

Counterlink: 5546  
 Seqnumownersubrec: 1  
 Zipcode: Not Reported  
 Dateownership: 30-DEC-52  
 Ownerid: 5511

Transactioncounter: 1  
 Owner: SELLERSVILLE BOROUGH  
 Ownerfirstname: Not Reported  
 Conslink: 5887

Counterlink: 5546  
 Seqnumotheridsubrec: 2  
 Otheridassignor: DRBC-PA

Transactioncounter: 1  
 Otheridentifier: BK- 403

Counterlink: 5546  
 Seqnumotheridsubrec: 3  
 Otheridassignor: DRBC

Transactioncounter: 1  
 Otheridentifier: D-65- 65 CP

Counterlink: 5546  
 Seqnumotheridsubrec: 4  
 Otheridassignor: OWNER PA

Transactioncounter: 1  
 Otheridentifier: WELL 2

**N39**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      SPAW0026068**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	1643N	County	BUTLER
Owner's Name:	MUSKO G	Longitude:	800114
Latitude:	404214	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	MARS	Topographic Setting:	VALLEY FLAT
Hydrologic Unit:	05030105	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	PERFORATED OR SLOTTED
Well Depth:	65	Casing1 Diameter(inches):	6
Casing 1:	22	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	9-83
Grouted:	Not Reported	Production WL:	5
Static Water Level:	5	Yield Measurement Method:	B
Yield (gpm):	9	Test Time:	1
Drawdown:	Not Reported	Driller:	220
Bedrock:	20	Water Bearing Zone 2:	60
Water Bearing Zone 1:	20	Lithology:	SANDSTONE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	ADAMS		
Aquifer:	GLENSHAW FORMATION		

**40  
SW  
1/2 - 1 Mile  
Lower**

**PA WELLS PASI50000216057**

Objectid:	216057	Depcounter:	5545
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	Not Reported	Countycode:	019
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	321GLNS	Topographycode:	Not Reported
Welldepth:	0	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracyc:	Not Reported
Quadcode:	1305	Typeofsitecode:	W
Datecreated:	Not Reported	Dateupdated:	Not Reported
Datareliabilityc:	Not Reported	Sourcedepthdatac:	Not Reported
Municipalitycode:	10904		
Latitueddd:	40.6855555555556		
Longitudedd:	-80.0475		
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	0
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	Not Reported	Pagwis id:	216523
Sourcesitedataco:	5	Localpermit:	Not Reported
Latestowner:	215493	Driller scoordme:	0
Latestproduction:	213974	Latestwelluse:	217911
Site id:	PASI50000216057	GeneralCounter:	253166
Counterlink:	5545	Transactioncounter:	1
Agencyuseofsitecode:	0	Agencyusedate:	Not Reported
Counterlink:	5545	Transactioncounter:	1
Seqnumgeohsubrec:	1	Parentseqnumaqfrsubrec:	Not Reported
Aapgcode:	231LCKG	Lithologycode:	SHLE
Contributingunitcode:	P	Topofinterval:	Not Reported
Bottomofinterval:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Counterlink: 5545  
Seqnumgeohsubrec: 2  
Aapgcode: 231LCKG  
Contributingunitcode: S  
Bottomofinterval: Not Reported

Transactioncounter: 1  
Parentseqnumaqfrsubrec: Not Reported  
Lithologycode: 1  
Topofinterval: Not Reported

Counterlink: 5545  
Siteusecode: W  
Note: Not Reported  
Waterusecode: H

Transactioncounter: 1  
Dateofuse: Not Reported  
Sitewaterid: 5545

Counterlink: 5545  
Prodseqnum: 1  
Datasourcecode: Not Reported  
Discharge: 18.  
Wldatasourcecode: Not Reported  
Prodl: Not Reported  
Speccap: Not Reported  
Sitestatuswlmeascode: Not Reported  
Conslink: Not Reported

Transactioncounter: 1  
Dischargecode: P  
Dischargemeasmethodcode: Not Reported  
Swl: Not Reported  
Wlmeasmethodcode: Not Reported  
Drawdown: Not Reported  
Testlength: Not Reported  
Datedischarged: 13-SEP-60  
Productionid: 4426

Counterlink: 5545  
Seqnumownersubrec: 1  
Zipcode: Not Reported  
Dateownership: 13-SEP-60  
Ownerid: 5510

Transactioncounter: 1  
Owner: KOLLSMAN MOTOR CO  
Ownerfirstname: Not Reported  
Conslink: 0

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**1**  
**ESE**  
**1/8 - 1/4 Mile**

**OIL\_GAS PAOG60000157058**

Organizati: UNKNOWN OPR  
Client nam: UNKNOWN OPR  
Site name: 108 SCHARBERRY LANE 1 OG WELL  
Primary fa: 108 SCHARBERRY LANE 1  
Client id: 40263  
Pasite id: 777883  
Primary 1: 770131  
Sub facili: 108 SCHARBERRY LANE 1  
Sub faci 1: 1118909  
Primary 2: Oil & Gas Location  
Primary 3: NonCoal  
Other faci: 019-22165  
Sub faci 2: Well  
Sother id: 019-22165  
Client rel: Owner  
Site statu: Abandoned  
Primary 4: DEP Abandoned List  
Sub faci 3: 524  
Compliance: YES

Site id: PAOG60000157058

**2**  
**South**  
**1/4 - 1/2 Mile**

**OIL\_GAS PAOG60000133384**

Organizati: Unavailable  
Client nam: WOODWARD EARL R SR  
Site name: WOODWARD 1 OG WELL  
Primary fa: WOODWARD 1  
Client id: 2611  
Pasite id: 15535  
Primary 1: 17286  
Sub facili: WOODWARD 1  
Sub faci 1: 30816  
Primary 2: Oil & Gas Location  
Primary 3: NonCoal  
Other faci: 019-20714  
Sub faci 2: Well  
Sother id: 019-20714  
Client rel: Owner  
Site statu: Inactive  
Primary 4: Plugged OG Well  
Sub faci 3: 361  
Compliance: YES

Site id: PAOG60000133384

**3**  
**WSW**  
**1/4 - 1/2 Mile**

**OIL\_GAS PAOG60000114604**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Organizati:	Unavailable		
Client nam:	PEARCE CARL		
Site name:	PEARCE 1 OG WELL		
Primary fa:	PEARCE 1		
Client id:	41616		
Pasite id:	14446		
Primary 1:	16197		
Sub facili:	PEARCE 1		
Sub faci 1:	29727		
Primary 2:	Oil & Gas Location		
Primary 3:	NonCoal		
Other faci:	019-01082		
Sub faci 2:	Well		
Sother id:	019-01082		
Client rel:	Owner		
Site statu:	Inactive		
Primary 4:	DEP Plugged		
Sub faci 3:	522		
Compliance:	YES	Site id:	PAOG60000114604

# 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
16046	1901	0	149.2	5.7

EPA Region 3 Statistical Summary Readings for Zip Code: 16046

Number of sites tested: 394.

Maximum Radon Level: 109.6 pCi/L.

Minimum Radon Level: 0.3 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
235 (59.64%)	100 (25.38%)	36 (9.14%)	20 (5.08%)	2 (0.51%)	1 (0.25%)

Federal EPA Radon Zone for BUTLER County: 1

Note: Zone 1 indoor average level > 4 pCi/L.  
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
: Zone 3 indoor average level < 2 pCi/L.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## **TOPOGRAPHIC INFORMATION**

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## **HYDROLOGIC INFORMATION**

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetlands Inventory

Source: Pennsylvania Spatial Data Access

Telephone: 610-344-6105

## **HYDROGEOLOGIC INFORMATION**

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

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

## **GEOLOGIC INFORMATION**

### Geologic Age and Rock Stratigraphic Unit

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

### STATSGO: State Soil Geographic Database

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

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

### SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

### STATE RECORDS

#### Pennsylvania 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

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

### STREET AND ADDRESS INFORMATION

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**SR0228 Mars - Myoma Rd To East of Pittsburgh St**

899 PA-228

Mars, PA 16046

Inquiry Number: 4883757.5

March 23, 2017

## The EDR-City Directory Image Report



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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 Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### RESEARCH SUMMARY

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

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2013	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2008	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2003	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1999	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1992	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services

### RECORD SOURCES

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## FINDINGS

### TARGET PROPERTY STREET

899 PA-228  
Mars, PA 16046

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

### ROUTE 228

2013	pg A1	Cole Information Services
2008	pg A3	Cole Information Services
2003	pg A5	Cole Information Services
1999	pg A8	Cole Information Services
1995	pg A10	Cole Information Services

### RTE 228

1992	pg A12	Cole Information Services
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## FINDINGS

### CROSS STREETS

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

### SCHARBERRY LN

2013	pg. A2	Cole Information Services
2008	pg. A4	Cole Information Services
2003	pg. A7	Cole Information Services
1999	pg. A9	Cole Information Services
1995	pg. A11	Cole Information Services
1992	pg. A13	Cole Information Services

## **City Directory Images**

## ROUTE 228

2013

502	OCCUPANT UNKNOWN
506	OCCUPANT UNKNOWN
520	MARS AREA SCHOOL DISTRICT
521	MARS HOME FOR YOUTH
530	OCCUPANT UNKNOWN
532	OCCUPANT UNKNOWN
534	OCCUPANT UNKNOWN
540	EDWARD JACKSON
	MARSBETHEL GOLF
545	MARS AREA SCHOOL DISTRICT
547	MARS AREA SCHOOL DISTRICT
549	MARS AREA SCHOOL DISTRICT
568	ARTHUR STEWART
572	ROBERT MCKEE
582	MARK SCHAFER
592	JAMES FUNK
596	ERNEST RUZICH
600	KEVIN SCHULER
602	OCCUPANT UNKNOWN
612	OCCUPANT UNKNOWN
624	COMPUTER POWER SOLUTIONS
	CURVES
	UNION ELECTRICAL CONSTRUCTION
	WOODHYRST INC
630	SIMAKAS COMPANY INC
634	FBC CHEMICAL CORPORATION
635	LUBE PRO
641	FERGUSONS FREE ENERGY
649	FLEMING TIRE & AUTO SERVICE
653	ADAMS TRUCK SERVICE INC
655	FUELLGRAF ELECTRIC CO
747	OCCUPANT UNKNOWN
758	CLASSIC AUTOMOTIVE
762	KRISTY MURPHY
800	GARY KOVAL
903	DAVE WHARTON
907	FOUNTAIN OF YOUTH HAIR SALON & DAY
	JOHN JOHNSTON
	THE JOHNSTON HOUSE
942	RASHED NAGATI
946	INTERSOURCE INC
947	THOMAS KISSEL
955	DAVID GROSS
956	ARLA BOOKSER
963	SOUTHERN BUTLER COUNTY COMMUNITY CRE
980	FRED HESPENHEIDE
981	NEXSTARA
985	OCCUPANT UNKNOWN
986	JAMES HESPENHEIDE
997	MARS ALLIANCE CHURCH THE



**SCHARBERRY LN 2013**

100	JOHN BRENT
108	FOUNTAIN OF YOUTH ACADEMY OF COSMETO
120	BARRY UTZ
160	TWELVE OAKS MANSION
161	LUCIANOS ITALIAN BRICK OVEN
187	CLEAR VISION FAMILY EYECARE
211	MARS NATIONAL BANK

## ROUTE 228

2008

502	DENNIS LIKENS
506	EUGENE PHILLIPS
520	KEY BANK
	MARS AREA SCHOOL DISTRICT
521	MARS AREA SOCCER CLUB
	MARS HOME FOR YOUTH
540	EDWARD JACKSON
	MARS BETHEL GOLF COURSE
545	MARS AREA SCHOOL DISTRICT
547	MARS PRIMARY CENTER
549	MARS AREA SCHOOL DISTRICT
568	ARTHUR STEWART
572	ROBERT MCKEE
582	MARK SCHAFER
592	JAMES FUNK
596	ERNEST RUZICH
600	OVEL SCHULER
612	MARK GRABOWSKI
624	COMPUTER POWER SOLUTIONS INC
	WOODHYRST INC
630	MARSDALE MANAGEMENT LLC
	SIMAKAS CO INC
634	FBC CHEMICAL CORP
635	LUBE PRO
645	THE MARS NATIONAL BANK
649	FLEMING TIRE & AUTO SERVICE INC
653	ADAMS TRUCK SERVICE INC
743	DEBBIE LAWTHER
747	WILLIS WATT
800	CAROL KENNY
903	DAVE WHARTON
907	FOUNTAIN OF YOUTH
	THE JOHNSTON HOUSE
938	PAT HOENIG
942	RASHED NAGATI
943	ROBERT KULWICKI
947	THOMAS KISSEL
956	ARLA BOOKSER
963	CALLERY CREDIT UNION
980	FRED HESPENHEIDE
981	IMS SYSTEMS INC
985	BARRY EDWARDS
988	JASON GRAHAM
997	MARS ALLIANCE CHURCH

**SCHARBERRY LN 2008**

104 MILDRED SCHAR  
120 CYNTHIA UTZ

## ROUTE 228

2003

502	DENNIS LIKENS
506	EUGENE PHILLIPS
520	BONNIE BOTTI
	MARS AREA SCHOOL DIST ATHLETIC
521	DENA HORNER
	MARS AREA SOCCER CLUB
	MARS HOME FOR YOUTH
530	SEAN ONEILL
532	KELLI TARBOLI
534	DANIEL CARR
540	GERTRUDE JACKSON
	MARS BETHEL GOLF
545	MARS AREA SCHOOL DIST
549	MARS AREA SCHL DIST MARS PRMRY
568	ARTHUR STEWART
572	ROBERT MCKEE
582	MARK SCHAFER
592	KATHLEEN FUNK
596	ERNEST RUZICH
600	OVEL SCHULER
612	WILLIAM CROWLEY
624	COMPUTER POWER SOLUTIONS
	WOODHYRST INC
634	FBC CHEMICAL CORP
635	LUBE PRO
	U HAUL CO
637	BJ EQUIPMENT INC
641	FREE ENERGY
649	MYERS A J & SONS INC
653	ADAMS TRUCK SERVICE INC
655	A DUIE PYLE LOGISTICS
745	REBECCA ARNOLD
747	BORLAND AUTO REPAIRS
	JACK BORLAND
758	CLASSIC AUTOMOTIVE INC
	FRANK BROOKLEY
800	JANICE CIOLLI
907	JOHNSTON HOUSE
915	LISSA WILLIAMS
922	EDGAR ARMSTRONG
938	JAMES CEDEL
942	ROBERT KULWICKI
946	MARY HATHAZY
956	DAVID BOOKSER
963	LISA COLLINS
980	CHRISTINE HESPENHEIDE
	OUTSIDE INN
981	GARY DICKSON
985	BARRY EDWARDS
997	MARS ALLIANCE CHURCH

**ROUTE 228**

**2003**

**(Cont'd)**

997

PAUL COPE

TRI AREA YOUTH FOR CHRIST

**SCHARBERRY LN 2003**

100	JODIANNE MESKOWSKI
104	FRANK SCHAR
108	ROY MEYERL
120	BARRY UTZ



**ROUTE 228****1999**

0	B HESPENHEIDE
	ERIC URBANOWICZ
	MARK PUGLIESE
	PAUL COPE
521	JAMIE DAVENPORT
532	C PETROSKY
534	KELLY BRUCE
540	JOHN HOOTEN
568	ARTHUR STEWART
572	ROBERT MCKEE
590	ALBERT FUNK
592	JAMES FUNK
596	KARL UNTCH
602	J COX
747	JACK BORLAND
762	AIMEE HENRY
915	M MARLOTT
922	EDGAR ARMSTRONG
938	JAMES CEDEL
955	ARTHUR GROSS
956	DAVID BOOKSER
963	BRIAN COLLINS
980	CHRISTI HESPENHEIDE
981	GARY DICKSON
985	BARRY EDWARDS
997	PAUL COPE

**SCHARBERRY LN 1999**

104 FRANK SCHAR  
120 BARRY UTZ

## ROUTE 228

1995

0	BROOKLEY, FRANK N
	COPE, PAUL
	DAMBACH, KELLY
	DASCHBACH, M A
	LAURENTI, L A
	PEARCE, CARL
	PHILLIPS, EUGENE G JR
	PUGLIESE, MARK
	VOGEL, JEROME
115	FREE ENERGY
130	SANSOM, C
131	CAMPBELL, CHARLES E III
520	MARS AREA SENIOR HIGH SCHOOL
545	MARS AREA SCHOOL DISTRICT
547	ADAMS ELEMENTARY SCHOOL
568	STEWART, ARTHUR L
572	MCKEE, ROBERT W
590	FUNK, ALBERT C
602	COX, J F
630	SIMAKAS BROTHERS CO
	SIMAKAS CO
637	B J EQUIPMENT
641	FREE ENERGY
747	BORLAND, JACK L
	BORLANDS AUTO REPAIR
915	MARLOTT, M A
922	ARMSTRONG, EDGAR
938	CEDEL, JAMES E
955	GROSS, ARTHUR B
956	BOOKSER, DAVID S
963	MENICHINO, DAVID L
980	HESPENHEIDE, CHRISTI A
985	EDWARDS, BARRY
997	COPE, PAUL
1559	BARBARA CURRAN DC
	CAREMARK CSS
	CRAN MARS CHIROPRACTIC
	GATEWAY/NORTH HILLS
	STOP N GO
	STURGE CONSTRUCTION INC
	TEMPORARIES NORTH
1565	GRABENSTEIN TEXACO
	HERTZ PENSKE TRUCK RENTAL

**SCHARBERRY LN 1995**

104	SCHAR, FRANK L
120	UTZ, BARRY D

**RTE 228**

**1992**

0 7-ELEVEN FD 56164  
 BELSTERLING, NORBERT J  
 DASCHBACH, M A  
 FBC CHEMICAL CORP  
 GRABENSTEIN TEXACO  
 HY TEC AIR SYSTEMS  
 JACKSON, DAVID R  
 JOHNSTON HOUSE  
 M STUPY AUTOBODY  
 MARLATT, M A  
 MARS ALLNC CHURCH  
 MARS DISTRIBUTING  
 MARS SYSTEMS INC  
 MARS-BETHEL GOLF  
 PHILLIPS, EUGENE G JR  
 RENT-A-SPACE  
 SHANE, PAUL  
 SIMAKAS BROS CO  
 SIMAKAS CO INC  
 TEXACO  
 THOMA, J  
 TNT HOLLAND MTR EX  
 U P HOME CLASSRM  
 VIKING, VEE  
 WILDWOOD HOBBIES

**SCHARBERRY LN 1992**

0 SCHAR, FRANK L  
740 UTZ, BARRY D



## **Appendix F**

### **Environmental Due Diligence Form**



## ENVIRONMENTAL DUE DILIGENCE (EDD) PHASE 1 VISUAL INSPECTION FORM

Date: 01/10/2018 ECMS Project#: 20222  
 SR/Sec: SR 0228 Mars Railroad Segment: 0031-0060  
 County: Butler  
 Activity: Road Widening  
 Location: Franklin Road to Myoma Road (7-Eleven)

### Visual Site Inspection (EDD-PHASE 1):

Stressed Vegetation . . . . . ☐ Yes ☒ No  
 Staining on Soils . . . . . ☐ Yes ☒ No  
 Staining Along PennDOT ROW or on ROW Materials . . . . . ☐ Yes ☒ No  
 Detectable Odors . . . . . ☐ Yes ☒ No  
 Historic Fill . . . . . ☐ Yes ☒ No

### Comments: (Attached additional pages or information as necessary)


A 7-Eleven fueling station is located contiguous to the western extent of the project area at 1659 Route 228 in Cranberry Township. Although no Leaking Underground Storage Tank (LUST) incidents were listed in the EDR report, the site visit displayed monitoring wells placed around and downgradient of the UST basin possibly indicating a former incident of a LUST. However, the proposed work area does not extend into the fueling station and is situated upslope of the fueling station. Additionally, the topography of the land on which the station is located slopes in a western direction, away from the project area.

If earth moving activities are proposed in this area, volatile organic compounds (VOCs) monitoring should be conducted for worker safety. Excavation in this area may reveal minor, easily handled or questionable amounts of contamination.

Consult the Phase I ESA for more information on sites investigated and recommendations.

### Findings (*check one*):

- ☐ Due diligence inspection performed and no visual evidence of a spill or release in project ROW, or borrow material entering the ROW was detected.
- ☐ Due diligence inspection performed and evidence of a spill or release in project ROW or borrow materials was detected. Phase 2 documents attached.
- ☒ Due diligence not applicable

Signature:   
 Title: Environmental Scientist II

Printed Name: Jonathan Russick  
 Organization: The Markosky Engineering Group



## ENVIRONMENTAL DUE DILIGENCE (EDD) PHASE 1 VISUAL INSPECTION FORM

Date: 01/10/2018 ECMS Project#: 20222  
 SR/Sec: SR 0228 Mars Railroad Segment: 0031-0060  
 County: Butler  
 Activity: Road Widening  
 Location: Franklin Road to Myoma Road (Zoresco Equipment)

### Visual Site Inspection (EDD-PHASE 1):

Stressed Vegetation . . . . . ☐ Yes ☒ No  
 Staining on Soils . . . . . ☐ Yes ☒ No  
 Staining Along PennDOT ROW or on ROW Materials . . . . . ☐ Yes ☒ No  
 Detectable Odors . . . . . ☐ Yes ☒ No  
 Historic Fill . . . . . ☒ Yes ☐ No

### Comments: (Attached additional pages or information as necessary)


Areas located in the vicinity of the project area were investigated. Zoresco Equipment is a former gasoline fueling station turned automotive accessory business. Underground storage tanks formerly containing petroleum products are present at the site. No LUSTs have been reported and no monitoring wells were observed. Well water and a septic system are in use.

If earth moving activities are proposed in this area, volatile organic compounds (VOCs) monitoring should be conducted for worker safety. Excavation in this area may reveal minor, easily handled or questionable amounts of contamination.

No issues were noted within the PennDOT right of way in this section of the SR 0228 Mars Railroad widening project. Consult the Phase I ESA for more information on sites investigated and recommendations.

### Findings (*check one*):

- ☐ Due diligence inspection performed and no visual evidence of a spill or release in project ROW, or borrow material entering the ROW was detected.
- ☐ Due diligence inspection performed and evidence of a spill or release in project ROW or borrow materials was detected. Phase 2 documents attached.
- ☒ Due diligence not applicable

Signature:   
 Title: Environmental Scientist II

Printed Name: Jonathan Russick  
 Organization: The Markosky Engineering Group

# ENVIRONMENTAL DUE DILIGENCE (EDD) PHASE 1 VISUAL INSPECTION FORM

Date: 01/10/2018 ECMS Project#: 20222  
 SR/Sec: SR 0228 Mars Railroad Segment: 0031-0060  
 County: Butler  
 Activity: Road Widening  
 Location: Franklin Road to Myoma Road (Sunoco)

## Visual Site Inspection (EDD-PHASE 1):

Stressed Vegetation . . . . . ☐ Yes ☒ No  
 Staining on Soils . . . . . ☐ Yes ☒ No  
 Staining Along PennDOT ROW or on ROW Materials . . . . . ☐ Yes ☒ No  
 Detectable Odors . . . . . ☒ Yes ☐ No  
 Historic Fill . . . . . ☐ Yes ☒ No


## Comments: (Attached additional pages or information as necessary)

Areas located in the vicinity of the project area were investigated. Sunoco is a current gasoline fueling station that is known to handle, store, utilize, and redistribute hazardous materials. While a former spill was recorded, cleanup has reportedly been completed. The presence of monitoring wells and 55-gallon drums suggests ongoing monitoring and sampling at the site for petroleum products within groundwater. Additionally, the former location of a UST basin may fall within the proposed PennDOT right-of-way and, if earth moving activities are proposed in this area, volatile organic compounds (VOCs) monitoring should be conducted for worker safety. Excavation in this area may reveal minor, easily handled or questionable amounts of contamination.

No issues were noted within the PennDOT right of way in this section of the SR 0228 Mars Railroad widening project. Consult the Phase I ESA for more information on sites investigated and recommendations.

## Findings (check one):

- ☐ Due diligence inspection performed and no visual evidence of a spill or release in project ROW, or borrow material entering the ROW was detected.
- ☐ Due diligence inspection performed and evidence of a spill or release in project ROW or borrow materials was detected. Phase 2 documents attached.
- ☒ Due diligence not applicable

Signature:   
 Title: Environmental Scientist II

Printed Name: Jonathan Russick  
 Organization: The Markosky Engineering Group



## ENVIRONMENTAL DUE DILIGENCE (EDD) PHASE 1 VISUAL INSPECTION FORM

Date: 01/10/2018 ECMS Project#: 20222  
 SR/Sec: SR 0228 Mars Railroad Segment: 0031-0060  
 County: Butler  
 Activity: Road Widening  
 Location: Franklin Road to Myoma Road (GetGo and Rite Aid)

### Visual Site Inspection (EDD-PHASE 1):

Stressed Vegetation . . . . . ☐ Yes ☒ No  
 Staining on Soils . . . . . ☐ Yes ☒ No  
 Staining Along PennDOT ROW or on ROW Materials . . . . . ☐ Yes ☒ No  
 Detectable Odors . . . . . ☐ Yes ☒ No  
 Historic Fill . . . . . ☐ Yes ☒ No

### Comments: (Attached additional pages or information as necessary)


Areas located in the vicinity of the project area were investigated. GetGo is a current gasoline fueling station that is known to handle, store, utilize, and redistribute hazardous materials. A site visit confirmed the fueling station and car wash to be located approximately four hundred feet north of S.R. 0228, beyond the extent of the study area, and beyond a building used by PNC Investments. The topography of the land on which the station is located slopes in a western direction while the study area is located south of the fueling station. Any potential contamination on the property would likely flow in a westerly direction, away from the study area.

A Rite Aid store located on the northeast quadrant of the intersection of S.R. 0228 and Seven Fields Boulevard was investigated as it is listed in the EDR report under RCRA CESQG, FINDS, ECHO, and Manifest databases. The substances listed within the report appear to have been associated with an on-site film development laboratory which is a service no longer offered.

No issues were noted within the PennDOT right of way in this section of the SR 0228 Mars Railroad widening project. Consult the Phase I ESA for more information on sites investigated and recommendations.

### Findings (*check one*):

- ☒ Due diligence inspection performed and no visual evidence of a spill or release in project ROW, or borrow material entering the ROW was detected.
- ☐ Due diligence inspection performed and evidence of a spill or release in project ROW or borrow materials was detected. Phase 2 documents attached.
- ☐ Due diligence not applicable

Signature:   
 Title: Environmental Scientist II

Printed Name: Jonathan Russick  
 Organization: The Markosky Engineering Group



## ENVIRONMENTAL DUE DILIGENCE (EDD) PHASE 1 VISUAL INSPECTION FORM

Date: 01/10/2018 ECMS Project#: 20222  
 SR/Sec: SR 0228 Mars Railroad Segment: 0031-0060  
 County: Butler  
 Activity: Road Widening  
 Location: Franklin Road to Myoma Road (Electrical Substation)

### Visual Site Inspection (EDD-PHASE 1):

Stressed Vegetation . . . . . ☐ Yes ☒ No  
 Staining on Soils . . . . . ☐ Yes ☒ No  
 Staining Along PennDOT ROW or on ROW Materials . . . . . ☐ Yes ☒ No  
 Detectable Odors . . . . . ☐ Yes ☒ No  
 Historic Fill . . . . . ☐ Yes ☒ No


### Comments: (Attached additional pages or information as necessary)

An electrical substation is located along eastbound S.R. 0228 south to southwest of the Lifepointe Alliance Church. No historic or current leaking or staining has been identified or observed in association with the transformers onsite. No issues were noted with the site.

No issues were noted within the PennDOT right of way in this section of the SR 0228 Mars Railroad widening project. Consult the Phase I ESA for more information on sites investigated and recommendations.

### Findings (*check one*):

- ☒ Due diligence inspection performed and no visual evidence of a spill or release in project ROW, or borrow material entering the ROW was detected.
- ☐ Due diligence inspection performed and evidence of a spill or release in project ROW or borrow materials was detected. Phase 2 documents attached.
- ☐ Due diligence not applicable

Signature:   
 Title: Environmental Scientist II

Printed Name: Jonathan Russick  
 Organization: The Markosky Engineering Group





## ENVIRONMENTAL DUE DILIGENCE (EDD) PHASE 1 VISUAL INSPECTION FORM

Date: 01/10/2018 ECMS Project#: 20222  
 SR/Sec: SR 0228 Mars Railroad Segment: 0031-0060  
 County: Butler  
 Activity: Road Widening  
 Location: Franklin Road to Myoma Road (Johnston House)

### Visual Site Inspection (EDD-PHASE 1):

Stressed Vegetation . . . . . ☐ Yes ☒ No  
 Staining on Soils . . . . . ☐ Yes ☒ No  
 Staining Along PennDOT ROW or on ROW Materials . . . . . ☐ Yes ☒ No  
 Detectable Odors . . . . . ☐ Yes ☒ No  
 Historic Fill . . . . . ☐ Yes ☒ No


### Comments: (Attached additional pages or information as necessary)

The Johnston House is a business located approximately 1,000 feet east of the intersection of S.R. 0228 and Heritage Creek Drive. An unused private water well was described and located within the PennDOT right-of-way in the southern portion of the Johnston House property. The business currently utilizes public water. If highway expansion is planned in this area, the well should be properly abandoned following Act 610 of the Water Well Drillers License Act regarding the closure and abandonment of wells.

No issues were noted within the PennDOT right of way in this section of the SR 0228 Mars Railroad widening project. Consult the Phase I ESA for more information on sites investigated and recommendations.

### Findings (*check one*):

- ☒ Due diligence inspection performed and no visual evidence of a spill or release in project ROW, or borrow material entering the ROW was detected.
- ☐ Due diligence inspection performed and evidence of a spill or release in project ROW or borrow materials was detected. Phase 2 documents attached.
- ☐ Due diligence not applicable

Signature:   
 Title: Environmental Scientist II

Printed Name: Jonathan Russick  
 Organization: The Markosky Engineering Group



## ENVIRONMENTAL DUE DILIGENCE (EDD) PHASE 1 VISUAL INSPECTION FORM

Date: 01/10/2018 ECMS Project#: 20222  
 SR/Sec: SR 0228 Mars Railroad Segment: 0060-0100  
 County: Butler  
 Activity: Road Widening  
 Location: Myoma Road to Pittsburgh Street (Nacey Property)

### Visual Site Inspection (EDD-PHASE 1):


Stressed Vegetation . . . . . ☒ Yes ☐ No  
 Staining on Soils . . . . . ☒ Yes ☐ No  
 Staining Along PennDOT ROW or on ROW Materials . . . . . ☒ Yes ☐ No  
 Detectable Odors . . . . . ☒ Yes ☐ No  
 Historic Fill . . . . . ☒ Yes ☐ No

### Comments: (Attached additional pages or information as necessary)

Areas located in the vicinity of the project area were investigated. The Nacey property located at 543 Beaver Street Extension in Mars revealed fuels, lubricants, hydraulic fluids, batteries, generators, car parts, and scrap metal among other items stored and used on the property. The property appears to be used as storage for a multitude of business ventures such as landscaping, minor construction, and an automotive repair business although the owner did not acknowledge the site's use. Oil staining was observed in multiple areas on the gravel lot and vegetation was noticed to be lacking in other areas. Much of the site was covered in automotive parts, pipes, barrels, pallets, tires, and other scrap and the areas below the items could not be observed resulting in a limitation on the property. The property owner also relayed the property was filled and leveled with thirty feet of fill from Mars Borough. A residential structure on the property is serviced by a water well. If an area of cut is proposed on the Nacey property, soil and groundwater sampling activities in the form of Phase II or Phase III activities should be conducted. Consult the Phase I ESA for more information on sites investigated and recommendations.

### Findings (*check one*):

- ☐ Due diligence inspection performed and no visual evidence of a spill or release in project ROW, or borrow material entering the ROW was detected.
- ☐ Due diligence inspection performed and evidence of a spill or release in project ROW or borrow materials was detected. Phase 2 documents attached.
- ☒ Due diligence not applicable

Signature:   
 Title: Environmental Scientist II

Printed Name: Jonathan Russick  
 Organization: The Markosky Engineering Group