

APPENDIX A
EDR RADIUS MAP REPORT



North Penn USARC

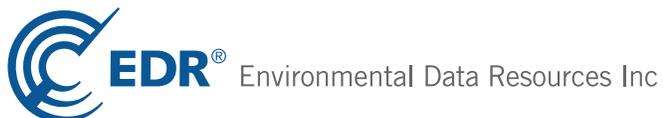
1625 Berks Road

Norristown, PA 19403

Inquiry Number: 3842278.2s

January 29, 2014

The EDR Radius Map™ Report with GeoCheck®



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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

1625 BERKS ROAD
NORRISTOWN, PA 19403

COORDINATES

Latitude (North): 40.1803000 - 40° 10' 49.08"
Longitude (West): 75.3387000 - 75° 20' 19.32"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 471164.1
UTM Y (Meters): 4447613.5
Elevation: 458 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 40075-B3 LANSDALE, PA
Most Recent Revision: 1983

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2010
Source: USDA

TARGET PROPERTY SEARCH RESULTS

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

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
NORTH PENN USARC 1625 BERKS RD NORRISTOWN, PA	RCRA-CESQG FINDS PA LUST Facility Status: Cleanup Completed PA RGA LUST	PAR000502542

EXECUTIVE SUMMARY

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

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

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

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

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

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

PA SWF/LF..... Operating Facilities

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

PA UST..... Listing of Pennsylvania Regulated Underground Storage Tanks
PA AST..... Listing of Pennsylvania Regulated Aboveground Storage Tanks

EXECUTIVE SUMMARY

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

State and tribal institutional control / engineering control registries

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

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

PA BROWNFIELDS..... Brownfields Sites

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

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

Local Lists of Registered Storage Tanks

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

Local Land Records

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

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
PA SPILLS..... State spills

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites

EXECUTIVE SUMMARY

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

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR US Hist Auto Stat.....	EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners.....	EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NORTH PENN - AREA 12	TROOPER RD	W 1/4 - 1/2 (0.458 mi.)	0	10

Federal CERCLIS list

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

A review of the CERCLIS list, as provided by EDR, and dated 04/26/2013 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NORTH PENN - AREA 12	TROOPER RD	W 1/4 - 1/2 (0.458 mi.)	0	10

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 09/10/2013 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HANDY & HARMAN TUBE CO INC	701 W TOWNSHIP LINE RD	S 1/2 - 1 (0.913 mi.)	4	32

Federal institutional controls / engineering controls registries

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 12/17/2013 has revealed that

EXECUTIVE SUMMARY

there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NORTH PENN - AREA 12	TROOPER RD	W 1/4 - 1/2 (0.458 mi.)	0	10

US INST CONTROL: 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.

A review of the US INST CONTROL list, as provided by EDR, and dated 12/17/2013 has revealed that there is 1 US INST CONTROL site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NORTH PENN - AREA 12	TROOPER RD	W 1/4 - 1/2 (0.458 mi.)	0	10

State and tribal voluntary cleanup sites

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

A review of the PA VCP list, as provided by EDR, and dated 01/13/2014 has revealed that there is 1 PA VCP site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ESTATE OF GEORGE HUTT JR	2700 POTSHOP RD	SSW 0 - 1/8 (0.124 mi.)	3	32

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/10/2013 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GAMBONE BRO DEV	1636 BERKS RD	SSE 0 - 1/8 (0.027 mi.)	2	31

EXECUTIVE SUMMARY

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

A review of the ROD list, as provided by EDR, and dated 04/26/2013 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

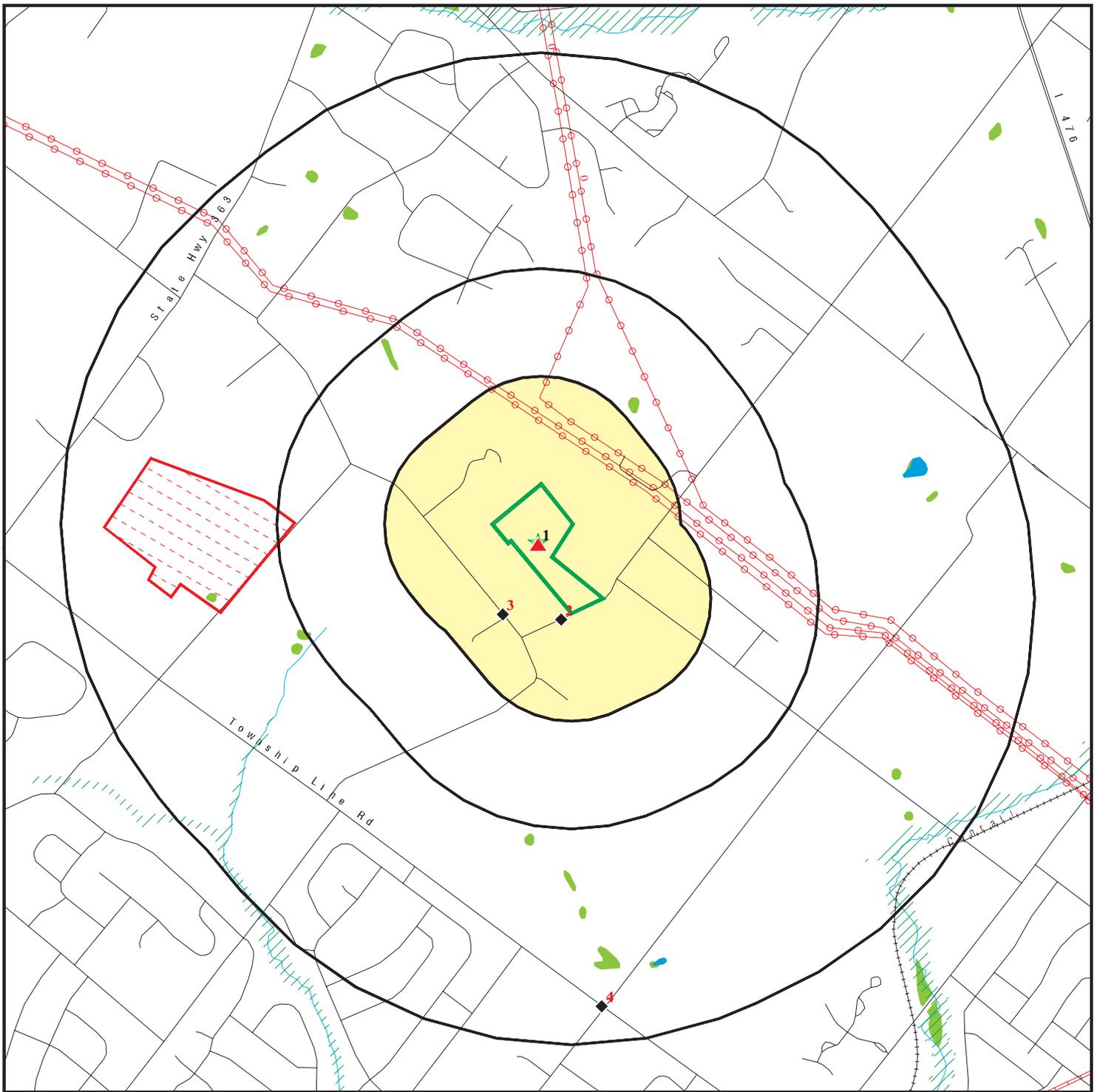
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>NORTH PENN - AREA 12</i>	<i>TROOPER RD</i>	<i>W 1/4 - 1/2 (0.458 mi.)</i>	<i>0</i>	<i>10</i>

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

<u>Site Name</u>	<u>Database(s)</u>
POTSHOP ROAD ASPHALT PLT	PA RGA LUST PA LUST, PA ARCHIVE AST, PA RGA LUST
RAHNS SPECIALTY METALS	PA LUST, PA ARCHIVE AST, PA RGA LUST
GMT MICROELECTRONICS	PA MANIFEST, PA SPILLS
VOLKSWAGEN SITE/DENTAL EZ	CERC-NFRAP
NORTH MONTCO AREA VO TECH SCH	PA ARCHIVE AST
MID ATLANTIC EQUIP CORP	PA ARCHIVE UST
CORRECTIONAL INDUSTRIES	PA ARCHIVE UST
NORTH PENN TRANSFER	PA ARCHIVE UST
NORTH WALES MANOR	PA ARCHIVE UST
CAPITOL SIGNS INC	RCRA-SQG
SUNOCO SERVICE STATION-RAHNS	RCRA NonGen / NLR, FINDS
BRUCE, J H AUTO BODY	RCRA NonGen / NLR, FINDS
ATLANTIC SERVICES STATION	RCRA-CESQG, FINDS
RALPHS CORNER CLEANERS	RCRA-CESQG
NORTH PENN SIX/EATON LABS	ICIS
CAPITOL SIGNS INC	PA MANIFEST
PENN VALLEY CHEMICAL	PA MANIFEST
JUPITER PAINTING AT SCHUYLKILL PAR	PA MANIFEST
JUPITER PAINTING AT DANNEHOWER BRI	PA MANIFEST

OVERVIEW MAP - 3842278.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

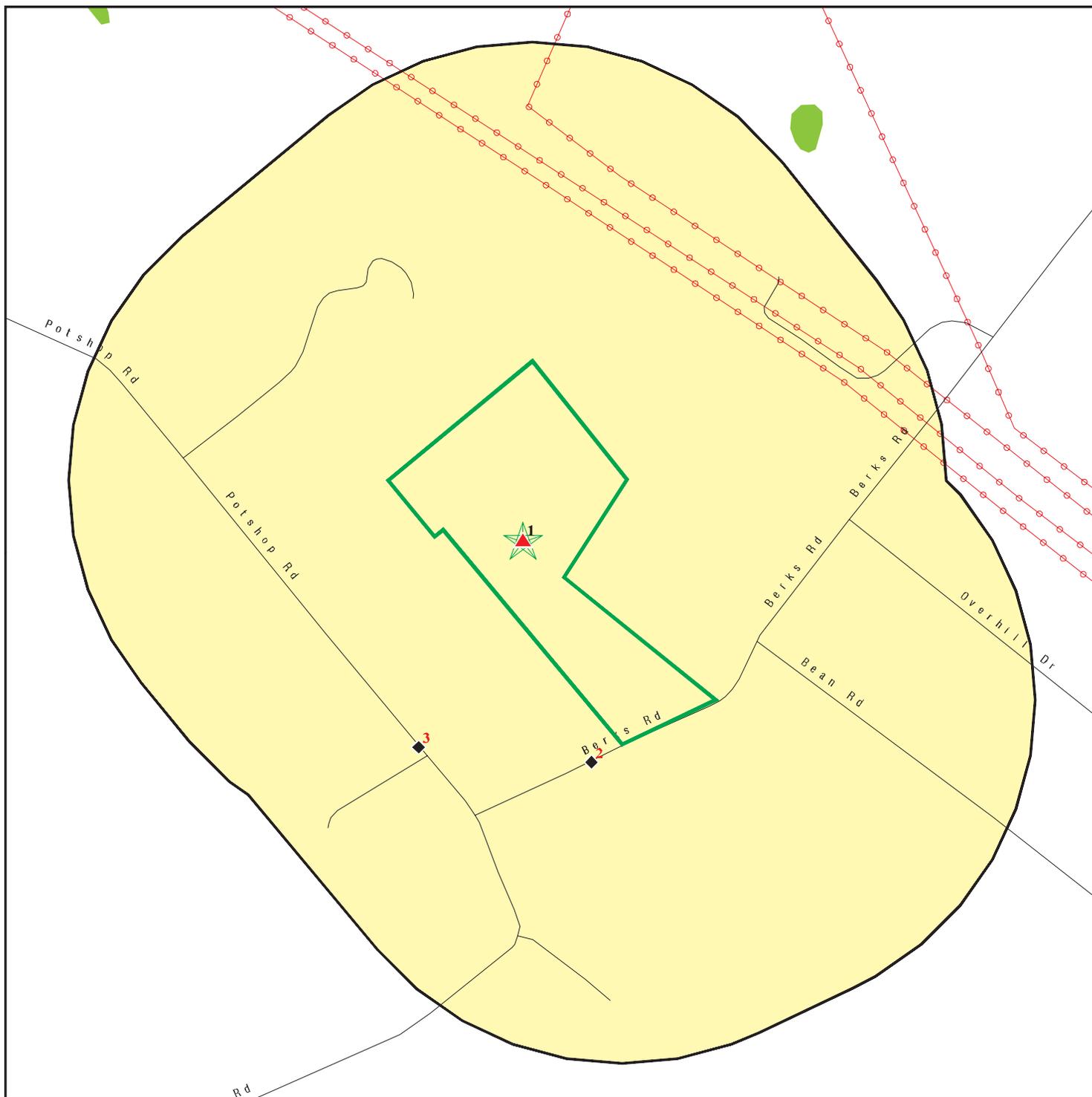


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: North Penn USARC
 ADDRESS: 1625 Berks Road
 Norristown PA 19403
 LAT/LONG: 40.1803 / 75.3387

CLIENT: Environmental Standards Inc.
 CONTACT: Megan Filipovits
 INQUIRY #: 3842278.2s
 DATE: January 29, 2014 1:16 pm

DETAIL MAP - 3842278.2s



-  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
-  Power transmission lines
-  Oil & Gas pipelines from USGS
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory

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

SITE NAME: North Penn USARC
 ADDRESS: 1625 Berks Road
 Norristown PA 19403
 LAT/LONG: 40.1803 / 75.3387

CLIENT: Environmental Standards Inc.
 CONTACT: Megan Filipovits
 INQUIRY #: 3842278.2s
 DATE: January 29, 2014 1:21 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	1	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	1	NR	NR	1
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	1	NR	1
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250	1	0	0	NR	NR	NR	1
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	1	NR	NR	1
US INST CONTROL	0.500		0	0	1	NR	NR	1
LUCIS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
PA SHWS	1.000		0	0	0	0	NR	0
PA HSCA	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
PA SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
PA LUST	0.500	1	0	0	0	NR	NR	1
PA UNREG LTANKS	0.500		0	0	0	NR	NR	0
PA LAST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
PA UST	0.250		0	0	NR	NR	NR	0
PA AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
PA ENG CONTROLS	0.500		0	0	0	NR	NR	0
PA AUL	0.500		0	0	0	NR	NR	0
PA INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
PA VCP	0.500		1	0	0	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
PA BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
PA HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
PA ARCHIVE UST	0.250		0	0	NR	NR	NR	0
PA ARCHIVE AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
PA ACT 2-DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
PA SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	0	NR	NR	NR	1

MAP FINDINGS SUMMARY

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

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

PA RGA LUST	0.500	1	0	0	0	NR	NR	1
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MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
PA RGA LF	0.500		0	0	0	NR	NR	0
PA RGA HWS	1.000		0	0	0	0	NR	0

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
Target
Property
NORTH PENN USARC
1625 BERKS RD
NORRISTOWN, PA

RCRA-CESQG
FINDS
PA LUST
PA RGA LUST
1004778437
PAR000502542

Actual:
458 ft.

RCRA-CESQG:

Date form received by agency: 04/30/2001
Facility name: NORTH PENN USARC
Facility address: 1625 BERKS RD
NORRISTOWN, PA 194034815
EPA ID: PAR000502542
Contact: KENDRA BORKA
Contact address: 99TH RSC CST1 BLDG 176
NAS WILLOW GROVE, PA 190905110
Contact country: US
Contact telephone: (215) 443-1643
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 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: 99TH REGIONAL SUPPORT COMMAND
Owner/operator address: 5 LOBAUGH ST
OAKDALE, PA 15071
Owner/operator country: Not reported
Owner/operator telephone: (724) 693-2332
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH PENN USARC (Continued)

1004778437

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

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

Violation Status: No violations found

FINDS:

Registry ID: 110006538032

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.

LUST:

Region: LUST
Facility Id: 46-21187
Facility Address2: Not reported
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 08/01/2011
Release Date: 06/19/1996
Source Cause Desc: Not reported

Region: 4100
Facility Id: 46-21187
Facility Address2: Not reported
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 08/01/2011
Release Date: 11/27/1995
Source Cause Desc: Not reported

RGA LUST:

2012 NORTH PENN USARC 1625 BERKS RD
2011 NORTH PENN USARC 1625 BERKS RD
2010 NORTH PENN USARC 1625 BERKS RD
2009 NORTH PENN USARC 1625 BERKS RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH PENN USARC (Continued)

1004778437

2008 NORTH PENN USARC 1625 BERKS RD
2007 NORTH PENN USARC 1625 BERKS RD
2006 NORTH PENN USARC 1625 BERKS RD
2005 NORTH PENN USARC 1625 BERKS RD
2004 NORTH PENN USARC 1625 BERKS RD
2003 NORTH PENN USARC 1625 BERKS RD

**NPL
Region
West
1/4-1/2
2420 ft.**

**NORTH PENN - AREA 12
TROOPER RD
WORCESTER, PA 19490**

**NPL
CERCLIS
RCRA NonGen / NLR
US ENG CONTROLS
US INST CONTROL
ROD
PRP**

**1000320137
PAD057152365**

NPL:

EPA ID: PAD057152365
EPA Region: 03
Federal: N
Final Date: 1990-02-21 00:00:00

Category Details:

NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-> 100 Feet
Category Value: 250

NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 10

Site Details:

Site Name: NORTH PENN - AREA 12
Site Status: Final
Site Zip: 19490
Site City: WORCESTER
Site State: PA
Federal Site: No
Site County: MONTGOMERY
EPA Region: 03
Date Proposed: 01/22/87
Date Deleted: Not reported
Date Finalized: 02/21/90

Substance Details:

NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH PENN - AREA 12 (Continued)

1000320137

NPL Status: Currently on the Final NPL
Substance ID: C324
Substance: CIS-1,2-DICHLOROETHYLENE
CAS #: 156-59-2
Pathway: GROUND WATER PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: U076
Substance: DICHLOROETHANE, 1,1-
CAS #: 75-34-3
Pathway: GROUND WATER PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: U226
Substance: TRICHLOROETHANE, 1,1,1-
CAS #: 71-55-6
Pathway: GROUND WATER PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: U228
Substance: TRICHLOROETHYLENE (TCE)
CAS #: 79-01-6
Pathway: GROUND WATER PATHWAY
Scoring: 4

Summary Details:

Conditions at proposal January 22, 1987): The North Penn-Area 12 site is in Worcester, Montgomery County, Pennsylvania. The site was originally proposed under the name Transicoil, Inc. The site has been renamed because the contamination may be caused by sources in addition to that identified in the original name. This site is one of six sites involving North Penn Water Authority (NPWA) wells that supply drinking water to most of the people living northwest of Philadelphia. An additional six areas with contaminated ground water are under investigation. Transicoil, Inc., manufactures electric motors on a 20-acre site in Worcester. Records of the Pennsylvania Department of Environmental Resources (PA DER) show that the facility used several drums of trichloroethylene (TCE) per year as a degreasing solvent until 1976, when it changed to 1,1,1-trichloroethane. The company stores waste oil and solvents in an underground tank. In September 1979, PA DER found high concentrations of TCE, 1,1,1-trichloroethane, 1,1-dichloroethane, 1,1-dichloroethylene, and cis-1,2-dichloroethylene in on-site wells, buried tanks, and a cesspool. Subsequent sampling by a consultant to Transicoil confirmed the results. Former Nike Battery Missile Base PH 91 is about 0.5 mile from Transicoil. In 1986, NPWA found high concentrations of TCE and 1,1,1-trichloroethane in a Nike base well. Subsequent sampling by a consultant to Transicoil confirmed these results. Both these solvents were commonly used at Nike bases. An estimated 99,400 people obtain drinking water from public and private wells within 3 miles of the site. Status March 1989): EPA is developing a workplan for aremedial investigation/feasibility study (RI/FS) to determine the type and extent of contamination in the area and identify alternatives for remedial action. As a detailed workplan is developed, the sources responsible for the contamination will be given an opportunity to conduct the RI/FS. EPA is evaluating additional sources of contamination. Status

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH PENN - AREA 12 (Continued)

1000320137

February 21, 1990): On June 26, 1989, EPA, Transicoil, Inc., and Eagle-Picher which purchased Transicoil in 1987) entered into an Administrative Order on Consent under CERCLA Section 106 a). The order calls for the companies to conduct an RI/FS. EPA is reviewing the companies RI/FS workplan.

Site Status Details:

NPL Status: Final
Proposed Date: 01/22/1987
Final Date: 02/21/1990
Deleted Date: Not reported

Narratives Details:

NPL Name: NORTH PENN - AREA 12
City: WORCESTER
State: PA

CERCLIS:

Site ID: 0301012
EPA ID: PAD057152365
Facility County: MONTGOMERY
Short Name: NORTH PENN - AREA 12
Congressional District: 13
IFMS ID: 03W5
SMSA Number: 0
USGC Hydro Unit: 02040203
Federal Facility: Not a Federal Facility
DMNSN Number: 25.00000
Site Orphan Flag: N
RCRA ID: Not reported
USGS Quadrangle: Not reported
Site Init By Prog: Not reported
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 03
Classification: Manufacturing Plant
Site Settings Code: SU
NPL Status: Currently on the Final NPL
DMNSN Unit Code: ACRE
RBRAC Code: Not reported
RResp Fed Agency Code: USAR
Non NPL Status: Not reported
Non NPL Status Date: / /
Site Fips Code: 42091
CC Concurrence Date: 09/20/00
CC Concurrence FY: 2000
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 0.00000
Contact Name: Not reported
Contact Tel: Not reported
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH PENN - AREA 12 (Continued)

1000320137

Contact ID: 0.00000
Contact Name: Not reported
Contact Tel: Not reported
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 0.00000
Contact Name: Not reported
Contact Tel: Not reported
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 3270057.00000
Contact Name: Not reported
Contact Tel: Not reported
Contact Title: Community Involvement Coordinator
Contact Email: Not reported

Contact ID: 13000584.00000
Contact Name: Not reported
Contact Tel: Not reported
Contact Title: Remedial Project Manager (RPM)
Contact Email: Not reported

Contact ID: 3000094.00000
Contact Name: Not reported
Contact Tel: Not reported
Contact Title: On-Scene Coordinator (OSC)
Contact Email: Not reported

CERCLIS Site Alias Name(s):

Alias ID: 101
Alias Name: NORTH PENN AREA 12
Alias Address: Not reported
MONTGOMERY, PA

Alias ID: 102
Alias Name: TRANSICOIL *
Alias Address: Not reported
Not reported

Alias ID: 103
Alias Name: NORTH PENN - AREA 12
Alias Address: TROOPER RD
WORCESTER, PA 19490

Alias Comments: Not reported

Site Description: Not reported

CERCLIS Assessment History:

Action Code: 008
Action: ISSUE REQUEST LETTERS (104E)
Date Started: / /
Date Completed: 06/24/86
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH PENN - AREA 12 (Continued)

1000320137

Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: DISCOVERY
Date Started: / /
Date Completed: 08/18/86
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: HAZARD RANKING SYSTEM PACKAGE
Date Started: 07/01/86
Date Completed: 10/10/86
Priority Level: Being considered for proposal to the NPL
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: SITE INSPECTION
Date Started: 08/01/86
Date Completed: 12/02/86
Priority Level: Higher priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: 12/12/86
Date Completed: 12/22/86
Priority Level: Low priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH PENN - AREA 12 (Continued)

1000320137

Action Code: 001
Action: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: / /
Date Completed: 01/22/87
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: ISSUE REQUEST LETTERS (104E)
Date Started: / /
Date Completed: 04/06/87
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started: 01/15/87
Date Completed: 09/22/87
Priority Level: Search Complete, Viable PRPs
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: ISSUE REQUEST LETTERS (104E)
Date Started: / /
Date Completed: 04/05/88
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ISSUE REQUEST LETTERS (104E)
Date Started: / /

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH PENN - AREA 12 (Continued)

1000320137

Date Completed: 04/28/88
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: Notice Letters Issued
Date Started: / /
Date Completed: 04/28/88
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: Notice Letters Issued
Date Started: / /
Date Completed: 06/07/88
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 007
Action: ISSUE REQUEST LETTERS (104E)
Date Started: / /
Date Completed: 06/07/88
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: ISSUE REQUEST LETTERS (104E)
Date Started: / /
Date Completed: 10/19/88
Priority Level: Not reported
Operable Unit: SITEWIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH PENN - AREA 12 (Continued)

1000320137

Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Notice Letters Issued
Date Started: / /
Date Completed: 01/24/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 006
Action: ISSUE REQUEST LETTERS (104E)
Date Started: / /
Date Completed: 01/24/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Special Notice Issued
Date Started: / /
Date Completed: 01/24/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started: 01/24/89
Date Completed: 06/26/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH PENN - AREA 12 (Continued)

1000320137

Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 06/26/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMOVAL ASSESSMENT
Date Started: / /
Date Completed: 09/15/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: / /
Date Completed: 02/21/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: REMOVAL ASSESSMENT
Date Started: 04/26/91
Date Completed: 04/26/91
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH PENN - AREA 12 (Continued)

1000320137

Action Code: 003
Action: REMOVAL ASSESSMENT
Date Started: 08/02/91
Date Completed: 08/07/91
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 06/26/89
Date Completed: 12/23/91
Priority Level: Not reported
Operable Unit: ENTIRE SITE
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Original Action Take Over

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: REMOVAL ASSESSMENT
Date Started: 04/01/92
Date Completed: 04/01/92
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 009
Action: ISSUE REQUEST LETTERS (104E)
Date Started: / /
Date Completed: 11/17/93
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started: 06/15/92

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH PENN - AREA 12 (Continued)

1000320137

Date Completed: 12/02/93
Priority Level: Search Complete, Viable PRPs
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 08/22/95
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Notice of Intent by All Parties
Date Started: / /
Date Completed: 09/15/95
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: INFORMATION REPOSITORY ESTABLISHED
Date Started: / /
Date Completed: 11/28/95
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 010
Action: ISSUE REQUEST LETTERS (104E)
Date Started: / /
Date Completed: 03/08/96
Priority Level: Not reported
Operable Unit: SITEWIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH PENN - AREA 12 (Continued)

1000320137

Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: ISSUE REQUEST LETTERS (104E)
Date Started: / /
Date Completed: 05/08/96
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: CLAIM IN BANKRUPTCY PROCEEDING
Date Started: 10/31/91
Date Completed: 06/07/96
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: SETTLEMENT (GENERIC)
Date Started: / /
Date Completed: 06/07/96
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 12/23/91
Date Completed: 09/30/97
Priority Level: Not reported
Operable Unit: ENTIRE SITE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH PENN - AREA 12 (Continued)

1000320137

Action Anomaly: New Action Resulting from Take Over

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 09/30/97
Priority Level: Final Remedy Selected at Site
Operable Unit: ENTIRE SITE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: Special Notice Issued
Date Started: / /
Date Completed: 12/18/97
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 12/18/97
Date Completed: 07/22/98
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 07/22/98
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH PENN - AREA 12 (Continued)

1000320137

Action Code: 002
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 09/03/98
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: PROSPECTIVE PURCHASER AGREEMENT ASSESSMENT
Date Started: / /
Date Completed: 09/03/98
Priority Level: PPA Signed
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 08/21/98
Date Completed: 03/24/99
Priority Level: Not reported
Operable Unit: ENTIRE SITE
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 03/24/99
Date Completed: 12/15/99
Priority Level: Not reported
Operable Unit: ENTIRE SITE
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Long Term Action
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 08/21/98

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH PENN - AREA 12 (Continued)

1000320137

Date Completed: 01/26/00
Priority Level: Not reported
Operable Unit: ENTIRE SITE
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: COMFORT/STATUS LETTER
Date Started: 05/22/00
Date Completed: 05/22/00
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: COMFORT/STATUS LETTER
Date Started: 05/22/00
Date Completed: 05/22/00
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: PRELIMINARY CLOSE-OUT REPORT PREPARED
Date Started: / /
Date Completed: 09/20/00
Priority Level: Not reported
Operable Unit: ENTIRE SITE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 01/26/00
Date Completed: 11/20/00
Priority Level: Interim RA Report
Operable Unit: ENTIRE SITE
Primary Responsibility: Responsible Party

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH PENN - AREA 12 (Continued)

1000320137

Planning Status: Primary
Urgency Indicator: Long Term Action
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMOVAL
Date Started: 08/22/95
Date Completed: 01/19/01
Priority Level: Stabilized
Operable Unit: SITEWIDE
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Time Critical
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: COMMUNITY INVOLVEMENT
Date Started: 04/01/88
Date Completed: 11/30/04
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FIVE-YEAR REVIEW
Date Started: 02/02/05
Date Completed: 08/31/05
Priority Level: Not reported
Operable Unit: ENTIRE SITE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Time Critical
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Lodged By DOJ
Date Started: / /
Date Completed: 02/23/10
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH PENN - AREA 12 (Continued)

1000320137

Action Code: 001
Action: SECTION 107 LITIGATION
Date Started: 09/24/07
Date Completed: 04/26/10
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: CONSENT DECREE
Date Started: / /
Date Completed: 04/26/10
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: FIVE-YEAR REVIEW
Date Started: 10/21/09
Date Completed: 09/28/10
Priority Level: Not reported
Operable Unit: ENTIRE SITE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: OPERATIONS AND MAINTENANCE
Date Started: 11/20/00
Date Completed: / /
Priority Level: Not reported
Operable Unit: ENTIRE SITE
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY LONG-TERM RESPONSE ACTION
Date Started: 11/20/00
Date Completed: / /

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH PENN - AREA 12 (Continued)

1000320137

Priority Level: Not reported
Operable Unit: ENTIRE SITE
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: TECHNICAL ASSISTANCE
Date Started: 03/31/10
Date Completed: / /
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Federal Register Details:

Fed Register Date: 02/21/90
Fed Register Volume: 55
Page Number: 6154

Fed Register Date: 01/22/87
Fed Register Volume: 52
Page Number: 2492

[Click this hyperlink](#) while viewing on your computer to access 379 additional US CERCLIS Financial: record(s) in the EDR Site Report.

RCRA NonGen / NLR:

Date form received by agency: 09/21/1998
Facility name: TRANSICOIL INC
Facility address: TROOPER RD
WORCESTER, PA 19490
EPA ID: PAD057152365
Mailing address: TROOPER ROAD
WORCESTER, PA 19490
Contact: Not reported
Contact address: Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 03
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH PENN - AREA 12 (Continued)

1000320137

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

Owner/operator name: PORTESCAP US
Owner/operator address: OWNERSTREET
OWNERCITY, AK 99999

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

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 12/09/1981
Facility name: TRANSICOIL INC
Classification: Large Quantity Generator

Hazardous Waste Summary:

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

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 09/21/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH PENN - AREA 12 (Continued)

1000320137

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

US ENG CONTROLS:

EPA ID: PAD057152365
Site ID: 0301012
Name: NORTH PENN - AREA 12
Address: TROOPER RD
WORCESTER, PA 19490

EPA Region: 03
County: MONTGOMERY
Event Code: Not reported
Actual Date: 09/30/1997

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/30/1997
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Air Stripping

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/30/1997
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Alternate Drinking Water, (N.O.S.)

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/30/1997
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Alternate Drinking Water, Permanent Replacement

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/30/1997
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Carbon Adsorption

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/30/1997
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Liquid Phase Carbon Adsorption

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/30/1997
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Monitoring

Action ID: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH PENN - AREA 12 (Continued)

1000320137

Action Name: RECORD OF DECISION
Action Completion date: 09/30/1997
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Pump And Treat

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/30/1997
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Reinjection

US INST CONTROL:

EPA ID: PAD057152365
Site ID: 0301012
Name: NORTH PENN - AREA 12
Action Name: RECORD OF DECISION
Address: TROOPER RD
WORCESTER, PA 19490
EPA Region: 03
County: MONTGOMERY
Event Code: Not reported
Inst. Control: Institutional Controls, (N.O.S.)
Actual Date: 09/30/1997
Comple. Date: 09/30/1997
Operable Unit: 01
Contaminated Media : Groundwater

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

PRP:

PRP name: EAGLE-PICHER INDUSTRIES, INC.
EAGLE-PICHER INDUSTRIES, INC.
FITZ WATERWHEEL CO INC
FITZ WATERWHEEL INC.
FITZ WATERWHEEL INC.
GIBBONS, JOHN
MEISTER, EDWARD G.
MORFONTAINE PROPERTIES
MORFONTAINE PROPERTIES
MORFONTAINE PROPERTIES
MORFONTAINE PROPERTIES
PORTESCAP UNITED STATES INC
ROTHSCHILD, EDWARD
ROTHSCHILD, EDWARD
SCHLUMBERGER INDUSTRIES, INC
SCHLUMBERGER TECHNOLOGY CORP.
SCHLUMBERGER TECHNOLOGY CORP.
SCHLUMBERGER TECHNOLOGY CORP.
SCHLUMBERGER TECHNOLOGY CORP.
TECHNI-TOOL, INC.
TRANSICOIL, INC.
TRANSICOIL, INC.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH PENN - AREA 12 (Continued)

1000320137

US ARMY
US ARMY
US ARMY
WESTON INSTRUMENTS, INC.

2
SSE
< 1/8
0.027 mi.
144 ft.

GAMBONE BRO DEV
1636 BERKS RD
NORRISTOWN, PA 19403

RCRA NonGen / NLR
FINDS 1004778200
PAR000043760

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 08/05/2009

Facility name: GAMBONE BRO DEV

Facility address: 1636 BERKS RD
NORRISTOWN, PA 19403

EPA ID: PAR000043760

Contact: Not reported

Contact address: Not reported

Not reported

Contact country: Not reported

Contact telephone: Not reported

Contact email: Not reported

EPA Region: 03

Land type: Other land type

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Used oil processor: No

User oil refiner: No

Used oil fuel marketer to burner: No

Used oil Specification marketer: No

Used oil transfer facility: No

Used oil transporter: No

Historical Generators:

Date form received by agency: 08/01/2000

Facility name: GAMBONE BRO DEV

Site name: GAMBONE BROS DEV

Classification: Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 03/06/2009

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GAMBONE BRO DEV (Continued)

1004778200

Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

FINDS:

Registry ID: 110004886311

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.

3
SSW
< 1/8
0.124 mi.
654 ft.

ESTATE OF GEORGE HUTT JR
2700 POTSHOP RD
NORRISTOWN, PA 19401

PA VCP S106983382
N/A

Relative:
Lower

VCP:

Activity:

Activity ID: 618924,

Actual:
448 ft.

Cleanup Records:

Municipality: Worcester Twp
 Region: Southeast Region
 Category Desc: Inorganics
 Type: Complete Sites
 LRP Acct: 4276
 Remediation: Statewide Health Standard
 Activity: NO
 Date Approved: 07/16/1998
 Date Received: Not reported
 Date Nonuse: Not reported
 ICS Code: Not reported
 Media: Soil

4
South
1/2-1
0.913 mi.
4823 ft.

HANDY & HARMAN TUBE CO INC
701 W TOWNSHIP LINE RD
NORRISTOWN, PA 19403

RCRA-TSDF 1000922032
CERC-NFRAP PAD002335222
CORRACTS
RCRA NonGen / NLR
NY MANIFEST
NJ MANIFEST
PA MANIFEST
PA VCP
2020 COR ACTION

Relative:
Lower

RCRA-TSDF:

Date form received by agency: 10/02/2008
 Facility name: HANDY & HARMAN TUBE CO INC
 Facility address: 701 W TOWNSHIP LINE RD
 NORRISTOWN, PA 19403
 EPA ID: PAD002335222

Actual:
299 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Contact: Not reported
Contact address: Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 03
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 02/18/2008
Facility name: HANDY & HARMAN TUBE CO INC
Site name: HANDY & HARMAN SPECIALTY TUBE CO
Classification: Not a generator, verified

Date form received by agency: 09/05/2007
Facility name: HANDY & HARMAN TUBE CO INC
Classification: Not a generator, verified

Date form received by agency: 06/11/2007
Facility name: HANDY & HARMAN TUBE CO INC
Site name: HANDY & HARMAN TUBE COMPANY INC
Classification: Large Quantity Generator

Date form received by agency: 02/16/2006
Facility name: HANDY & HARMAN TUBE CO INC
Site name: HANDY & HARMAN TUBE CO
Classification: Large Quantity Generator

Date form received by agency: 03/01/2004
Facility name: HANDY & HARMAN TUBE CO INC
Site name: HANDY & HARMAN TUBE CO
Classification: Large Quantity Generator

Date form received by agency: 02/19/2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Facility name: HANDY & HARMAN TUBE CO INC
Classification: Large Quantity Generator

Date form received by agency: 03/22/2001

Facility name: HANDY & HARMAN TUBE CO INC
Classification: Large Quantity Generator

Date form received by agency: 01/05/1998

Facility name: HANDY & HARMAN TUBE CO INC
Site name: HANDY & HARMAN TUBE CO
Classification: Large Quantity Generator

Date form received by agency: 01/22/1996

Facility name: HANDY & HARMAN TUBE CO INC
Site name: HANDY & HARMAN TUBE CO
Classification: Large Quantity Generator

Date form received by agency: 01/28/1994

Facility name: HANDY & HARMAN TUBE CO INC
Site name: HANDY & HARMAN TUBE CO
Classification: Large Quantity Generator

Date form received by agency: 01/15/1992

Facility name: HANDY & HARMAN TUBE CO INC
Site name: HANDY & HARMAN TUBE COMPANY INC
Classification: Large Quantity Generator

Date form received by agency: 01/13/1992

Facility name: HANDY & HARMAN TUBE CO INC
Site name: HANDY AND HARMAN TUBE COMPANY
Classification: Large Quantity Generator

Date form received by agency: 11/18/1980

Facility name: HANDY & HARMAN TUBE CO INC
Site name: HANDY & HARMAN TUBE CO
Classification: Not a generator, verified

Date form received by agency: 08/18/1980

Facility name: HANDY & HARMAN TUBE CO INC
Site name: HANDY & HARMAN TUBE CO
Classification: Large Quantity Generator

Date form received by agency: 01/01/1979

Facility name: HANDY & HARMAN TUBE CO INC
Site name: HANDY & HARMAN TUBE CO
Classification: Large Quantity Generator

Corrective Action Summary:

Event date: 12/01/1991
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.

Event date: 10/17/2006
Event: RFI Imposition

Violation Status: No violations found

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

CERC-NFRAP:

Site ID: 0300571
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: / /
Date Completed: 08/01/80
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 05/06/85
Priority Level: Low priority for further assessment

Action: SITE INSPECTION
Date Started: 02/12/90
Date Completed: 10/22/90
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 10/22/90
Priority Level: Not reported

CORRACTS:

EPA ID: PAD002335222
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 19911201
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s): 33121
Iron and Steel Pipe and Tube Manufacturing from Purchased Steel
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD002335222
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20061017
Action: CA100 - RFI Imposition
NAICS Code(s): 33121
Iron and Steel Pipe and Tube Manufacturing from Purchased Steel
Original schedule date: Not reported
Schedule end date: Not reported

NY MANIFEST:

EPA ID: PAD002335222
Country: USA
Mailing Name: HANDY & HARMON TUBE CO
Mailing Contact: JOSEPH V FERRIZZI JR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Mailing Address: WHITEHALL & TOWNSHIP LINE RD
Mailing Address 2: Not reported
Mailing City: NORRISTOWN
Mailing State: PA
Mailing Zip: 19403
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 215-539-3900

Document ID: NYB2654496
Manifest Status: Completed copy
Trans1 State ID: 834TMBNJ
Trans2 State ID: Not reported
Generator Ship Date: 920721
Trans1 Recv Date: 920721
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920722
Part A Recv Date: 920731
Part B Recv Date: 920731
Generator EPA ID: PAD002335222
Trans1 EPA ID: NJD054126164
Trans2 EPA ID: Not reported
TSD ID: NYD043815703
Waste Code: F001 - UNKNOWN
Quantity: 00550
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 010
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 92

Document ID: NYB9788175
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: NJD000692061
Generator Ship Date: 11/12/2003
Trans1 Recv Date: 11/12/2003
Trans2 Recv Date: 11/17/2003
TSD Site Recv Date: 11/18/2003
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: PAD002335222
Trans1 EPA ID: NYD049836679
Trans2 EPA ID: Not reported
TSD ID: PAAH0500
Waste Code: K082 - UNKNOWN
Quantity: 01500
Units: P - Pounds
Number of Containers: 003
Container Type: CF - Fiber or plastic boxes, cartons
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	NJD054126164
Generator Ship Date:	2007-10-12
Trans1 Recv Date:	2007-10-12
Trans2 Recv Date:	2007-10-15
TSD Site Recv Date:	2007-10-16
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	PAD002335222
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID:	NYD049836679
Waste Code:	Not reported
Quantity:	1800.0
Units:	P - Pounds
Number of Containers:	3.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2007
Manifest Tracking Num:	000155998VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H132
Document ID:	NYB2654505
Manifest Status:	Completed copy
Trans1 State ID:	NY750740P
Trans2 State ID:	PAAH0331
Generator Ship Date:	920526
Trans1 Recv Date:	920526
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920527
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	PAD002335222
Trans1 EPA ID:	NYD982792814
Trans2 EPA ID:	Not reported
TSD ID:	NYD043815703
Waste Code:	F001 - UNKNOWN
Quantity:	00385
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	007
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Year: 92

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: NJD054126164
Generator Ship Date: 10/12/2007
Trans1 Recv Date: 10/12/2007
Trans2 Recv Date: 10/15/2007
TSD Site Recv Date: 10/16/2007
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: PAD002335222
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: Not reported
Quantity: 1800
Units: P - Pounds
Number of Containers: 3
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2007
Manifest Tracking Num: 000155998VES
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

NJ MANIFEST:

Manifest Code: 000104219VES
EPA ID: PAD002335222
Date Shipped: 02/06/2007
TSD EPA ID: NJD980536593
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 02/06/2007
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 02/14/2007
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: K062
Manifest Year: 2007 New Jersey Manifest Data
Quantity: 800
Unit: P
Hand Code: H14

Manifest Code: NJA5074605
EPA ID: PAD002335222
Date Shipped: 01/07/2004
TSDf EPA ID: NJD980536593
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 01/07/2004
Date Trans2 Transported Waste: 01/13/2004
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 01/13/2004
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 03080421
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5074606
EPA ID: PAD002335222
Date Shipped: 01/07/2004
TSDf EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 01/07/2004
Date Trans2 Transported Waste: 01/14/2004
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 01/15/2004
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 03120421
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5051240
EPA ID: PAD002335222
Date Shipped: 03/31/2004
TSDF EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 03/31/2004
Date Trans2 Transported Waste: 04/09/2004
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 04/09/2004
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 04290425
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5049851
EPA ID: PAD002335222
Date Shipped: 03/31/2004
TSDf EPA ID: NJD980536593
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 03/31/2004
Date Trans2 Transported Waste: 04/07/2004
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported

Map ID
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Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 04/07/2004
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 05030425
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5023776
EPA ID: PAD002335222
Date Shipped: 06/04/2004
TSDF EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 06/04/2004
Date Trans2 Transported Waste: 06/11/2004
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Date TSDF Received Waste: 06/11/2004
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 06230421
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5074730
EPA ID: PAD002335222
Date Shipped: 06/04/2004
TSDF EPA ID: NJD980536593
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 06/04/2004
Date Trans2 Transported Waste: 06/10/2004
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 06/11/2004

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 07200421
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5051245
EPA ID: PAD002335222
Date Shipped: 07/09/2004
TSDF EPA ID: NJD980536593
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 07/09/2004
Date Trans2 Transported Waste: 07/15/2004
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 07/15/2004
Tranporter 1 Decal: Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 08060422
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5051244
EPA ID: PAD002335222
Date Shipped: 07/09/2004
TSDF EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 07/09/2004
Date Trans2 Transported Waste: 07/16/2004
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 07/16/2004
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 08110422
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5022545
EPA ID: PAD002335222
Date Shipped: 09/22/2004
TSDF EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 09/22/2004
Date Trans2 Transported Waste: 09/24/2004
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 09/29/2004
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 10260421
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5022546
EPA ID: PAD002335222
Date Shipped: 09/22/2004
TSDF EPA ID: NJD980536593
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 09/22/2004
Date Trans2 Transported Waste: 09/27/2004
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 09/27/2004
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 11010422
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5202004
EPA ID: PAD002335222
Date Shipped: 09/22/2004
TSDF EPA ID: NJD980536593
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 09/22/2004
Date Trans2 Transported Waste: 09/27/2004
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 09/27/2004
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 11030425
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5202076
EPA ID: PAD002335222
Date Shipped: 01/30/2006
TSDF EPA ID: NJD980536593
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 01/30/2006
Date Trans2 Transported Waste: 02/06/2006
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 02/06/2006
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 03240621
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5305606
EPA ID: PAD002335222
Date Shipped: 04/12/2006
TSDF EPA ID: NJD980536593
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 04/12/2006
Date Trans2 Transported Waste: 04/20/2006
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 04/20/2006
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Transporter-5 EPA Facility Name: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 06140622
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5260351
EPA ID: PAD002335222
Date Shipped: 06/05/2006
TSDf EPA ID: NJD980536593
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 06/05/2006
Date Trans2 Transported Waste: 06/09/2006
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 06/09/2006
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 07210622
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5231779
EPA ID: PAD002335222
Date Shipped: 01/05/2005
TSDF EPA ID: NJD980536593
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 01/05/2005
Date Trans2 Transported Waste: 01/11/2005
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 01/11/2005
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 02070521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5231780
EPA ID: PAD002335222
Date Shipped: 01/05/2005
TSDf EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 01/05/2005
Date Trans2 Transported Waste: 01/07/2005
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 01/07/2005
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 03040521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5232108
EPA ID: PAD002335222
Date Shipped: 03/21/2005
TSDF EPA ID: NJD980536593
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 03/21/2005
Date Trans2 Transported Waste: 03/25/2005
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 03/25/2005
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 05090522
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5232109
EPA ID: PAD002335222
Date Shipped: 03/21/2005
TSDf EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 03/21/2005
Date Trans2 Transported Waste: 03/24/2005
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 03/28/2005
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 05090522
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5080612
EPA ID: PAD002335222
Date Shipped: 05/17/2005
TSDf EPA ID: NJD980536593
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 05/17/2005
Date Trans2 Transported Waste: 05/19/2005
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 05/23/2005
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 06240522
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

PA MANIFEST:

Year: 2005
Manifest Number: NJA5232108
Manifest Type: T
Generator EPA Id: PAD002335222
Generator Date: 03/21/2005
Mailing Address: 701 E TOWNSHIP LINE RD
Mailing City,St,Zip: NORRISTOWN, PA 19403
Contact Name: MARK JON SCHEIDECKER
Contact Phone: 610-539-3900
TSD Epa Id: NJD980536593
TSD Date: 03/25/2005
TSD Facility Name: ONYX ENVIRONMENTAL SERVICE
TSD Facility Address: ONE EDEN LN
TSD Facility City: FLANDERS
TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 3
Waste Number: F001
Container Number: 9
Container Type: Metal drums, barrels, kegs
Waste Quantity: 5038
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: NJD000692061
Date TSP Sig: 03/25/2005

Year: 2005
Manifest Number: PAH135077
Manifest Type: T
Generator EPA Id: PAD002335222
Generator Date: 01/05/2005
Mailing Address: 701 E TOWNSHIP LINE RD
Mailing City,St,Zip: NORRISTOWN, PA 19403
Contact Name: MARK JON SCHEIDECKER
Contact Phone: 610-539-3900
TSD Epa Id: OHD093945293

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

TSD Date: 01/10/2005
TSD Facility Name: ONYX ENVIRONMENTAL SERVICE
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: K062
Container Number: 2
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 175
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: OHD009865825
Date TSP Sig: 01/07/2005

Year: 2005
Manifest Number: NJA5232108
Manifest Type: T
Generator EPA Id: PAD002335222
Generator Date: 03/21/2005
Mailing Address: 701 E TOWNSHIP LINE RD
Mailing City,St,Zip: NORRISTOWN, PA 19403
Contact Name: MARK JON SCHEIDECKER
Contact Phone: 610-539-3900
TSD Epa Id: NJD980536593
TSD Date: 03/25/2005
TSD Facility Name: ONYX ENVIRONMENTAL SERVICE
TSD Facility Address: ONE EDEN LN
TSD Facility City: FLANDERS
TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 3
Waste Number: F001
Container Number: 9
Container Type: Metal drums, barrels, kegs
Waste Quantity: 5038
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: NJD080631369
Date TSP Sig: 03/21/2005

Year: 2005
Manifest Number: NJA5232109
Manifest Type: T
Generator EPA Id: PAD002335222
Generator Date: 03/21/2005
Mailing Address: 701 E TOWNSHIP LINE RD
Mailing City,St,Zip: NORRISTOWN, PA 19403
Contact Name: MARK JON SCHEIDECKER
Contact Phone: 610-539-3900
TSD Epa Id: NJD002454544
TSD Date: 03/28/2005
TSD Facility Name: MARISOL INC
TSD Facility Address: 125 FACTORY LN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

TSD Facility City: MIDDLESEX
TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: F002
Container Number: 5
Container Type: Metal drums, barrels, kegs
Waste Quantity: 638
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: NJD080631369
Date TSP Sig: 03/21/2005

Year: 2005
Manifest Number: NJA5232109
Manifest Type: T
Generator EPA Id: PAD002335222
Generator Date: 03/21/2005
Mailing Address: 701 E TOWNSHIP LINE RD
Mailing City,St,Zip: NORRISTOWN, PA 19403
Contact Name: MARK JON SCHEIDECKER
Contact Phone: 610-539-3900
TSD Epa Id: NJD002454544
TSD Date: 03/28/2005
TSD Facility Name: MARISOL INC
TSD Facility Address: 125 FACTORY LN
TSD Facility City: MIDDLESEX
TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 2
Waste Number: F002
Container Number: 5
Container Type: Metal drums, barrels, kegs
Waste Quantity: 1585
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: NJD000692061
Date TSP Sig: 03/24/2005

Year: 2005
Manifest Number: PAH189854
Manifest Type: T
Generator EPA Id: PAD002335222
Generator Date: 04/20/2005
Mailing Address: 701 E TOWNSHIP LINE RD
Mailing City,St,Zip: NORRISTOWN, PA 19403
Contact Name: MARK JON SCHEIDECKER
Contact Phone: 610-539-3900
TSD Epa Id: PAD085690592
TSD Date: 04/20/2005
TSD Facility Name: REPUBLIC ENVIRONMENTAL SYSTEMS
TSD Facility Address: 2869 SANDSTONE DR
TSD Facility City: HATFIELD
TSD Facility State: PA
Facility Telephone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Page Number: 1
Line Number: 1
Waste Number: K062
Container Number: 1
Container Type: Cargo tanks (tank trucks)
Waste Quantity: 4083
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: PAD982661381
Date TSP Sig: 04/20/2005

Year: 2005
Manifest Number: PAH135077
Manifest Type: T
Generator EPA Id: PAD002335222
Generator Date: 01/05/2005
Mailing Address: 701 E TOWNSHIP LINE RD
Mailing City, St, Zip: NORRISTOWN, PA 19403
Contact Name: MARK JON SCHEIDECKER
Contact Phone: 610-539-3900
TSD Epa Id: OHD093945293
TSD Date: 01/10/2005
TSD Facility Name: ONYX ENVIRONMENTAL SERVICE
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: NONE
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 400
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: NJD080631369
Date TSP Sig: 01/05/2005

Year: 2005
Manifest Number: PAH135077
Manifest Type: T
Generator EPA Id: PAD002335222
Generator Date: 01/05/2005
Mailing Address: 701 E TOWNSHIP LINE RD
Mailing City, St, Zip: NORRISTOWN, PA 19403
Contact Name: MARK JON SCHEIDECKER
Contact Phone: 610-539-3900
TSD Epa Id: OHD093945293
TSD Date: 01/10/2005
TSD Facility Name: ONYX ENVIRONMENTAL SERVICE
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: NONE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 400
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: OHD009865825
Date TSP Sig: 01/07/2005

Year: 2005
Manifest Number: NJA5232108
Manifest Type: T
Generator EPA Id: PAD002335222
Generator Date: 03/21/2005
Mailing Address: 701 E TOWNSHIP LINE RD
Mailing City,St,Zip: NORRISTOWN, PA 19403
Contact Name: MARK JON SCHEIDECKER
Contact Phone: 610-539-3900
TSD Epa Id: NJD980536593
TSD Date: 03/25/2005
TSD Facility Name: ONYX ENVIRONMENTAL SERVICE
TSD Facility Address: ONE EDEN LN
TSD Facility City: FLANDERS
TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D001
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 10
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: NJD000692061
Date TSP Sig: 03/25/2005

Year: 2005
Manifest Number: NJA5232109
Manifest Type: T
Generator EPA Id: PAD002335222
Generator Date: 03/21/2005
Mailing Address: 701 E TOWNSHIP LINE RD
Mailing City,St,Zip: NORRISTOWN, PA 19403
Contact Name: MARK JON SCHEIDECKER
Contact Phone: 610-539-3900
TSD Epa Id: NJD002454544
TSD Date: 03/28/2005
TSD Facility Name: MARISOL INC
TSD Facility Address: 125 FACTORY LN
TSD Facility City: MIDDLESEX
TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: F002
Container Number: 5
Container Type: Metal drums, barrels, kegs
Waste Quantity: 638

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Unit: Pounds
Handling Code: Not reported
TSP EPA Id: NJD000692061
Date TSP Sig: 03/24/2005

Year: 2005
Manifest Number: NJA5232108
Manifest Type: T
Generator EPA Id: PAD002335222
Generator Date: 03/21/2005
Mailing Address: 701 E TOWNSHIP LINE RD
Mailing City,St,Zip: NORRISTOWN, PA 19403
Contact Name: MARK JON SCHEIDECKER
Contact Phone: 610-539-3900
TSD Epa Id: NJD980536593
TSD Date: 03/25/2005
TSD Facility Name: ONYX ENVIRONMENTAL SERVICE
TSD Facility Address: ONE EDEN LN
TSD Facility City: FLANDERS
TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 2
Waste Number: F001
Container Number: 2
Container Type: Metal drums, barrels, kegs
Waste Quantity: 1182
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: NJD000692061
Date TSP Sig: 03/25/2005

Year: 2005
Manifest Number: PAH135077
Manifest Type: T
Generator EPA Id: PAD002335222
Generator Date: 01/05/2005
Mailing Address: 701 E TOWNSHIP LINE RD
Mailing City,St,Zip: NORRISTOWN, PA 19403
Contact Name: MARK JON SCHEIDECKER
Contact Phone: 610-539-3900
TSD Epa Id: OHD093945293
TSD Date: 01/10/2005
TSD Facility Name: ONYX ENVIRONMENTAL SERVICE
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: RW60
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 400
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: NJD080631369

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Date TSP Sig: 01/05/2005
Year: 2005
Manifest Number: PAH189842
Manifest Type: T
Generator EPA Id: PAD002335222
Generator Date: 04/15/2005
Mailing Address: 701 E TOWNSHIP LINE RD
Mailing City, St, Zip: NORRISTOWN, PA 19403
Contact Name: MARK JON SCHEIDECKER
Contact Phone: 610-539-3900
TSD Epa Id: PAD085690592
TSD Date: 04/18/2005
TSD Facility Name: REPUBLIC ENVIRONMENTAL SYSTEMS
TSD Facility Address: 2869 SANDSTONE DR
TSD Facility City: HATFIELD
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: K062
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 92
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD982661381
Date TSP Sig: 04/15/2005

Year: 2005
Manifest Number: PAH189854
Manifest Type: T
Generator EPA Id: PAD002335222
Generator Date: 04/20/2005
Mailing Address: 701 E TOWNSHIP LINE RD
Mailing City, St, Zip: NORRISTOWN, PA 19403
Contact Name: MARK JON SCHEIDECKER
Contact Phone: 610-539-3900
TSD Epa Id: PAD085690592
TSD Date: 04/20/2005
TSD Facility Name: REPUBLIC ENVIRONMENTAL SYSTEMS
TSD Facility Address: 2869 SANDSTONE DR
TSD Facility City: HATFIELD
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D002
Container Number: 1
Container Type: Cargo tanks (tank trucks)
Waste Quantity: 4083
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: PAD982661381
Date TSP Sig: 04/20/2005

Year: 2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Manifest Number: PAH135077
Manifest Type: T
Generator EPA Id: PAD002335222
Generator Date: 01/05/2005
Mailing Address: 701 E TOWNSHIP LINE RD
Mailing City,St,Zip: NORRISTOWN, PA 19403
Contact Name: MARK JON SCHEIDECKER
Contact Phone: 610-539-3900
TSD Epa Id: OHD093945293
TSD Date: 01/10/2005
TSD Facility Name: ONYX ENVIRONMENTAL SERVICE
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: RW60
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 400
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: OHD009865825
Date TSP Sig: 01/07/2005

Year: 2005
Manifest Number: NJA5232109
Manifest Type: T
Generator EPA Id: PAD002335222
Generator Date: 03/21/2005
Mailing Address: 701 E TOWNSHIP LINE RD
Mailing City,St,Zip: NORRISTOWN, PA 19403
Contact Name: MARK JON SCHEIDECKER
Contact Phone: 610-539-3900
TSD Epa Id: NJD002454544
TSD Date: 03/28/2005
TSD Facility Name: MARISOL INC
TSD Facility Address: 125 FACTORY LN
TSD Facility City: MIDDLESEX
TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 2
Waste Number: F002
Container Number: 5
Container Type: Metal drums, barrels, kegs
Waste Quantity: 1585
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: NJD080631369
Date TSP Sig: 03/21/2005

Year: 2005
Manifest Number: NJA5232108
Manifest Type: T
Generator EPA Id: PAD002335222

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Generator Date: 03/21/2005
Mailing Address: 701 E TOWNSHIP LINE RD
Mailing City,St,Zip: NORRISTOWN, PA 19403
Contact Name: MARK JON SCHEIDECKER
Contact Phone: 610-539-3900
TSD Epa Id: NJD980536593
TSD Date: 03/25/2005
TSD Facility Name: ONYX ENVIRONMENTAL SERVICE
TSD Facility Address: ONE EDEN LN
TSD Facility City: FLANDERS
TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 2
Waste Number: F001
Container Number: 2
Container Type: Metal drums, barrels, kegs
Waste Quantity: 1182
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: NJD080631369
Date TSP Sig: 03/21/2005

Year: 2005
Manifest Number: PAH135077
Manifest Type: T
Generator EPA Id: PAD002335222
Generator Date: 01/05/2005
Mailing Address: 701 E TOWNSHIP LINE RD
Mailing City,St,Zip: NORRISTOWN, PA 19403
Contact Name: MARK JON SCHEIDECKER
Contact Phone: 610-539-3900
TSD Epa Id: OHD093945293
TSD Date: 01/10/2005
TSD Facility Name: ONYX ENVIRONMENTAL SERVICE
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: K062
Container Number: 2
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 175
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: NJD080631369
Date TSP Sig: 01/05/2005

Year: 2005
Manifest Number: NJA5232108
Manifest Type: T
Generator EPA Id: PAD002335222
Generator Date: 03/21/2005
Mailing Address: 701 E TOWNSHIP LINE RD
Mailing City,St,Zip: NORRISTOWN, PA 19403

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Contact Name: MARK JON SCHEIDECKER
Contact Phone: 610-539-3900
TSD Epa Id: NJD980536593
TSD Date: 03/25/2005
TSD Facility Name: ONYX ENVIRONMENTAL SERVICE
TSD Facility Address: ONE EDEN LN
TSD Facility City: FLANDERS
TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D001
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 10
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: NJD080631369
Date TSP Sig: 03/21/2005

Year: 2004
Manifest Number: PAH112133
Manifest Type: T
Generator EPA Id: PAD002335222
Generator Date: 01/28/2004
Mailing Address: 701 E TOWNSHIP LINE RD
Mailing City, St, Zip: NORRISTOWN, PA 19403
Contact Name: MARK JON SCHEIDECKER
Contact Phone: 610-539-3900
TSD Epa Id: PAD987266715
TSD Date: 01/28/2004
TSD Facility Name: SAFETY KLEEN SYSTEMS INC 2-139-01
TSD Facility Address: 77 TOWPATH RD
TSD Facility City: FAIRLESS HILLS
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 3
Waste Number: D039
Container Number: 3
Container Type: Metal drums, barrels, kegs
Waste Quantity: 50
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: TXR000050930
Date TSP Sig: 01/28/2004

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

VCP:

Activity:

Activity ID: 618431,

Cleanup Records:

Municipality: East Norriton Twp
Region: Southeast Region

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANDY & HARMAN TUBE CO INC (Continued)

1000922032

Category Desc: Chlorinated Solvents
Type: Site In Progress
LRP Acct: 37972
Remediation: Statewide Health Standard
Activity: Not reported
Date Approved: Not reported
Date Received: 05/30/2007
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil

2020 COR ACTION:

EPA ID: PAD002335222
Region: 3
Action: Not reported

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
COLLEGEVILLE	S111113516	MID ATLANTIC EQUIP CORP	RT 29	19426	PA ARCHIVE UST
GRATERFORD	S111109098	CORRECTIONAL INDUSTRIES	BOX 246 OFF OF RT 29	19426	PA ARCHIVE UST
LANSDALE	S111114150	NORTH PENN TRANSFER	RT 202 & 63 BOX 230	19446	PA ARCHIVE UST
LANSDALE	S110049842	CAPITOL SIGNS INC	ROUTE 309 & BROAD ST	19446	PA MANIFEST
LANSDALE	1000264648	CAPITOL SIGNS INC	RTE 309 & BROAD ST	19446	RCRA-SQG
LANSDALE	1004774585	ATLANTIC SERVICES STATION	RT 363/SUMNEYTOWN PIKE-TANKS	19446	RCRA-CESQG, FINDS
LANSDALE	1011553412	NORTH PENN SIX/EATON LABS	5TH ST & MITCHELL ST LANSDA	19446	ICIS
LANSDALE	1004773694	RALPHS CORNER CLEANERS	RT 63 & WEST MAIN ST	19446	RCRA-CESQG
LANSDALE	S111431399	PENN VALLEY CHEMICAL	S PENN & KRIEBLE AVE	19446	PA MANIFEST
LANSDALE	S111105017	NORTH MONTCO AREA VO TECH SCH	SUMNEYTOWN & VALLEY FORGE RDS	19446	PA ARCHIVE AST
LANSDALE	S111114168	NORTH WALES MANOR	100 N WALES RD	19446	PA ARCHIVE UST
NORRISTOWN	S108653254	JUPITER PAINTING AT SCHUYLKILL PAR	SR 3020		PA MANIFEST
NORRISTOWN	S108653252	JUPITER PAINTING AT DANNEHOWER BRI	SR 3020		PA MANIFEST
NORRISTOWN	S114174117		301 E JOHNSON HIGHWAY & ARCH S		PA RGA LUST
NORRISTOWN	S105800513	POTSHOP ROAD ASPHALT PLT	POTSHOP RD	19403	PA LUST, PA ARCHIVE AST, PA RGA LUST
NORRISTOWN	S106020726	GMT MICROELECTRONICS	950 RITTENHOUSE RD	19403	PA MANIFEST, PA SPILLS
NORRISTOWN	1003867078	VOLKSWAGEN SITE/DENTAL EZ	TROOPER & AUDOBON ROADS	19403	CERC-NFRAP
RAHNS	S106227870	RAHNS SPECIALTY METALS	ROUTE 113	19426	PA LUST, PA ARCHIVE AST, PA RGA LUST
RAHNS	1000329604	SUNOCO SERVICE STATION-RAHNS	RT 29	19426	RCRA NonGen / NLR, FINDS
RAHNS	1000168610	BRUCE, J H AUTO BODY	RTE 29	19426	RCRA NonGen / NLR, FINDS

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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 01/21/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/21/2014
	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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 01/09/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/21/2014
	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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 01/09/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/21/2014
	Data Release Frequency: Quarterly

Federal CERCLIS list

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

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

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/29/2013	Telephone: 703-412-9810
Date Made Active in Reports: 08/09/2013	Last EDR Contact: 11/11/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 03/10/2014
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/31/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/08/2013	Telephone: 703-603-8704
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 01/10/2014
Number of Days to Update: 151	Next Scheduled EDR Contact: 04/21/2014
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/29/2013	Telephone: 703-412-9810
Date Made Active in Reports: 08/09/2013	Last EDR Contact: 11/11/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 03/10/2014
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
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: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
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: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
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: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 12/17/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2014	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 12/09/2013
Number of Days to Update: 14	Next Scheduled EDR Contact: 03/24/2014
	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: 12/17/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2014	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 12/09/2013
Number of Days to Update: 14	Next Scheduled EDR Contact: 03/24/2014
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

Date of Government Version: 08/20/2013	Source: Department of the Navy
Date Data Arrived at EDR: 08/23/2013	Telephone: 843-820-7326
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 11/18/2013
Number of Days to Update: 70	Next Scheduled EDR Contact: 03/03/2014
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/30/2013	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/01/2013	Telephone: 202-267-2180
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 01/10/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/14/2014
	Data Release Frequency: Annually

State- and tribal - equivalent NPL

SHWS: Hazardous Sites Cleanup Act Site List

The Hazardous Sites Cleanup Act Site List includes sites listed on PA Priority List, sites delisted from PA Priority List, Interim Response Completed sites, and Sites Being Studied or Response Being Planned.

Date of Government Version: 01/06/2014	Source: Department Environmental Protection
Date Data Arrived at EDR: 01/22/2014	Telephone: 717-783-7816
Date Made Active in Reports: 01/29/2014	Last EDR Contact: 01/22/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 05/05/2014
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HSCA: HSCA Remedial Sites Listing

A list of remedial sites on the PA Priority List. This is the PA state equivalent of the federal NPL superfund list.

Date of Government Version: 12/31/2012	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/25/2013	Telephone: 717-783-7816
Date Made Active in Reports: 02/19/2013	Last EDR Contact: 01/24/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 05/05/2014
	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: 11/25/2013	Source: Department of Environmental Protection
Date Data Arrived at EDR: 11/26/2013	Telephone: 717-787-7564
Date Made Active in Reports: 12/05/2013	Last EDR Contact: 11/25/2013
Number of Days to Update: 9	Next Scheduled EDR Contact: 03/10/2014
	Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST: Storage Tank Release Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 12/04/2013	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/20/2013	Telephone: 717-783-7509
Date Made Active in Reports: 01/29/2014	Last EDR Contact: 12/20/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/31/2014
	Data Release Frequency: Semi-Annually

UNREG LTANKS: Unregulated Tank Cases

Leaking storage tank cases from unregulated storage tanks.

Date of Government Version: 04/12/2002	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/14/2003	Telephone: 717-783-7509
Date Made Active in Reports: 08/29/2003	Last EDR Contact: 08/14/2003
Number of Days to Update: 15	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

LAST: Storage Tank Release Sites

Leaking Aboveground Storage Tank Incident Reports.

Date of Government Version: 12/04/2013	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/20/2013	Telephone: 717-783-7509
Date Made Active in Reports: 01/29/2014	Last EDR Contact: 12/20/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/31/2014
	Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2013	Telephone: 415-972-3372
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 11/06/2013	Source: EPA Region 10
Date Data Arrived at EDR: 11/07/2013	Telephone: 206-553-2857
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 29	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Quarterly

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: 08/20/2013	Source: EPA, Region 5
Date Data Arrived at EDR: 08/23/2013	Telephone: 312-886-7439
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 70	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

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

Date of Government Version: 02/01/2013	Source: EPA Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 11/01/2013
Number of Days to Update: 184	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Varies

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

Date of Government Version: 08/01/2013	Source: EPA Region 4
Date Data Arrived at EDR: 08/02/2013	Telephone: 404-562-8677
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 91	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 01/27/2014
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/27/2013	Source: EPA Region 7
Date Data Arrived at EDR: 08/27/2013	Telephone: 913-551-7003
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6271
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 01/27/2014
Number of Days to Update: 49	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal registered storage tank lists

UST: Listing of Pennsylvania Regulated Underground Storage Tanks

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 12/02/2013	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/19/2013	Telephone: 717-772-5599
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 12/19/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/31/2014
	Data Release Frequency: Varies

AST: Listing of Pennsylvania Regulated Aboveground Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 12/02/2013	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/19/2013	Telephone: 717-772-5599
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 12/19/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/31/2014
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013	Source: EPA, Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 01/27/2014
Number of Days to Update: 272	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/01/2013	Source: EPA Region 4
Date Data Arrived at EDR: 08/02/2013	Telephone: 404-562-9424
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 91	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/20/2013	Source: EPA Region 5
Date Data Arrived at EDR: 08/23/2013	Telephone: 312-886-6136
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 70	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011	Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011	Telephone: 214-665-7591
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 01/27/2014
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 12/31/2012	Source: EPA Region 7
Date Data Arrived at EDR: 02/28/2013	Telephone: 913-551-7003
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 07/29/2013	Source: EPA Region 8
Date Data Arrived at EDR: 08/01/2013	Telephone: 303-312-6137
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 92	Next Scheduled EDR Contact: 05/12/2014
	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: 07/29/2013	Source: EPA Region 9
Date Data Arrived at EDR: 07/30/2013	Telephone: 415-972-3368
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 129	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013	Source: EPA Region 10
Date Data Arrived at EDR: 02/06/2013	Telephone: 206-553-2857
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 65	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 01/13/2014
Number of Days to Update: 55	Next Scheduled EDR Contact: 04/28/2014
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Site Listing

Under the Land Recycling Act (Act 2) persons who perform a site cleanup using the site-specific standard or the special industrial area standard may use engineering or institutional controls as part of the response action. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 05/15/2008	Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/16/2008	Telephone: 717-783-9470
Date Made Active in Reports: 06/12/2008	Last EDR Contact: 01/21/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 05/05/2014
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AUL: Environmental Covenants Listing

A listing of sites with environmental covenants.

Date of Government Version: 10/21/2013
Date Data Arrived at EDR: 10/25/2013
Date Made Active in Reports: 11/08/2013
Number of Days to Update: 14

Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 01/20/2014
Next Scheduled EDR Contact: 05/05/2014
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: 01/21/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: No Update Planned

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Sites

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

Date of Government Version: 01/13/2014
Date Data Arrived at EDR: 01/15/2014
Date Made Active in Reports: 01/29/2014
Number of Days to Update: 14

Source: Department of Environmental Protection
Telephone: 717-783-2388
Last EDR Contact: 01/15/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Semi-Annually

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 09/17/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 66

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008
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

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/21/2014
Date Data Arrived at EDR: 01/24/2014
Date Made Active in Reports: 01/29/2014
Number of Days to Update: 5

Source: Department of Environmental Protection
Telephone: 717-783-1566
Last EDR Contact: 01/21/2014
Next Scheduled EDR Contact: 05/05/2014
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: 09/24/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/24/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
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

HIST LF INACTIVE: Inactive Facilities List

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

Date of Government Version: 12/20/1994
Date Data Arrived at EDR: 07/12/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 30

Source: Department of Environmental Protection
Telephone: 717-787-7381
Last EDR Contact: 06/21/2005
Next Scheduled EDR Contact: 12/19/2005
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST LF ALI: Abandoned Landfill Inventory

The report provides facility information recorded in the Pennsylvania Department of Environmental Protection ALI database. Some of this information has been abstracted from old records and may not accurately reflect the current conditions and status at these facilities

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

HIST LF INVENTORY: Facility Inventory

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

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

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 11/04/2013
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/17/2014
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

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

Date of Government Version: 08/06/2013	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/11/2013	Telephone: 202-307-1000
Date Made Active in Reports: 10/03/2013	Last EDR Contact: 12/05/2013
Number of Days to Update: 22	Next Scheduled EDR Contact: 03/17/2014
	Data Release Frequency: Quarterly

US HIST CDL: National Clandestine Laboratory Register

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

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

Local Lists of Registered Storage Tanks

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ARCHIVE UST: Archived Underground Storage Tank Sites

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

Date of Government Version: 12/02/2013	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/19/2013	Telephone: 717-772-5599
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 12/19/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/31/2014
	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: 12/02/2013	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/19/2013	Telephone: 717-772-5599
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 12/19/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/31/2014
	Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/06/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/25/2013	Telephone: 202-564-6023
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/12/2014
	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: 09/30/2013	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/01/2013	Telephone: 202-366-4555
Date Made Active in Reports: 12/16/2013	Last EDR Contact: 01/03/2014
Number of Days to Update: 76	Next Scheduled EDR Contact: 01/13/2014
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS: State spills

A listing of hazardous material incidents.

Date of Government Version: 10/22/2013
Date Data Arrived at EDR: 10/25/2013
Date Made Active in Reports: 11/11/2013
Number of Days to Update: 17

Source: DEP, Emergency Response
Telephone: 717-787-5715
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Varies

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

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

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

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

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/06/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/15/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

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

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/13/2013
Next Scheduled EDR Contact: 03/24/2014
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: 06/30/2013
Date Data Arrived at EDR: 08/07/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

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

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 06/11/2013	Telephone: 703-416-0223
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 12/12/2013
Number of Days to Update: 143	Next Scheduled EDR Contact: 03/24/2014
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 11/26/2013
Number of Days to Update: 146	Next Scheduled EDR Contact: 03/10/2014
	Data Release Frequency: Varies

US MINES: Mines Master Index File

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

Date of Government Version: 08/01/2013	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/05/2013	Telephone: 303-231-5959
Date Made Active in Reports: 10/03/2013	Last EDR Contact: 12/06/2013
Number of Days to Update: 28	Next Scheduled EDR Contact: 03/17/2014
	Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2011	Source: EPA
Date Data Arrived at EDR: 07/31/2013	Telephone: 202-566-0250
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 11/27/2013
Number of Days to Update: 44	Next Scheduled EDR Contact: 03/10/2014
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/26/2013
Number of Days to Update: 64	Next Scheduled EDR Contact: 04/07/2014
	Data Release Frequency: Every 4 Years

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

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/21/2013
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/10/2014
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/21/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/10/2014
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 01/28/2014
Number of Days to Update: 77	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 10/09/2014
Number of Days to Update: 61	Next Scheduled EDR Contact: 04/28/2014
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013	Source: EPA
Date Data Arrived at EDR: 07/17/2013	Telephone: 202-566-0500
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/28/2014
Number of Days to Update: 107	Next Scheduled EDR Contact: 04/28/2014
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 07/22/2013	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/02/2013	Telephone: 301-415-7169
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 12/09/2013
Number of Days to Update: 91	Next Scheduled EDR Contact: 03/24/2014
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 09/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2013	Telephone: 202-343-9775
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/10/2014
Number of Days to Update: 23	Next Scheduled EDR Contact: 04/21/2014
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 03/08/2013	Source: EPA
Date Data Arrived at EDR: 03/21/2013	Telephone: (215) 814-5000
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 12/10/2013
Number of Days to Update: 111	Next Scheduled EDR Contact: 03/24/2014
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

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

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/08/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/25/2012	Telephone: 202-564-8600
Date Made Active in Reports: 07/10/2012	Last EDR Contact: 01/27/2014
Number of Days to Update: 46	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011	Source: EPA/NTIS
Date Data Arrived at EDR: 02/26/2013	Telephone: 800-424-9346
Date Made Active in Reports: 04/19/2013	Last EDR Contact: 11/25/2013
Number of Days to Update: 52	Next Scheduled EDR Contact: 03/10/2014
	Data Release Frequency: Biennially

UIC: Underground Injection Wells

A listing of underground injection well locations.

Date of Government Version: 12/24/2013	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/26/2013	Telephone: 717-783-7209
Date Made Active in Reports: 01/29/2014	Last EDR Contact: 12/26/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/07/2014
	Data Release Frequency: Varies

NPDES: NPDES Permit Listing

A listing of facilities with an NPDES permit.

Date of Government Version: 12/02/2013	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/12/2013	Telephone: 717-787-9642
Date Made Active in Reports: 01/29/2014	Last EDR Contact: 12/12/2013
Number of Days to Update: 48	Next Scheduled EDR Contact: 03/24/2014
	Data Release Frequency: Varies

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/24/2013	Telephone: 717-783-8990
Date Made Active in Reports: 08/19/2013	Last EDR Contact: 01/20/2014
Number of Days to Update: 26	Next Scheduled EDR Contact: 05/05/2014
	Data Release Frequency: Annually

DRYCLEANERS: Drycleaner Facility Locations

A listing of drycleaner facility locations.

Date of Government Version: 12/20/2013	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/26/2013	Telephone: 717-787-9702
Date Made Active in Reports: 01/29/2014	Last EDR Contact: 12/18/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/07/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/09/2014
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 19

Source: Department of Environmental Protection
Telephone: 717-787-9702
Last EDR Contact: 12/30/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Annually

INDIAN RESERV: Indian Reservations

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

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

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/15/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

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

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 01/20/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/15/2013
Next Scheduled EDR Contact: 02/24/2014
Data Release Frequency: Varies

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: 10/08/2013
Date Data Arrived at EDR: 11/01/2013
Date Made Active in Reports: 12/05/2013
Number of Days to Update: 34

Source: PASDA
Telephone: 814-863-0104
Last EDR Contact: 01/29/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Semi-Annually

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013
Date Data Arrived at EDR: 02/14/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013
Date Data Arrived at EDR: 07/03/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 72

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

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

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

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/15/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: N/A

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Annually

COAL ASH DOE: Sleam-Electric Plan 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: 01/13/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/28/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/29/2013	Telephone: 202-566-1917
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 11/18/2013
Number of Days to Update: 38	Next Scheduled EDR Contact: 03/03/2014
	Data Release Frequency: Quarterly

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2011	Telephone: N/A
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 12/13/2013
Number of Days to Update: 77	Next Scheduled EDR Contact: 03/24/2014
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 11/01/2013
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 06/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/13/2013	Telephone: 617-520-3000
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 11/15/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 02/24/2014
	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	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: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

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

Date of Government Version: N/A	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 US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

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

Date of Government Version: N/A	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 US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A	Source: N/A
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 US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A	Source: N/A
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.

Date of Government Version: N/A	Source: EDR
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

Date of Government Version: N/A	Source: EDR
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.

Date of Government Version: N/A	Source: EDR
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

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	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 08/19/2013	Telephone: 860-424-3375
Date Made Active in Reports: 10/03/2013	Last EDR Contact: 11/22/2013
Number of Days to Update: 45	Next Scheduled EDR Contact: 03/03/2014
	Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/19/2012	Telephone: N/A
Date Made Active in Reports: 08/28/2012	Last EDR Contact: 01/17/2014
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/28/2014
	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: 11/01/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/07/2013	Telephone: 518-402-8651
Date Made Active in Reports: 11/18/2013	Last EDR Contact: 11/07/2013
Number of Days to Update: 11	Next Scheduled EDR Contact: 02/17/2014
	Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 08/05/2013
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/25/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data Hazardous waste manifest information.

Date of Government Version: 11/12/2013
Date Data Arrived at EDR: 11/20/2013
Date Made Active in Reports: 12/11/2013
Number of Days to Update: 21

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 01/20/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Annually

WI MANIFEST: Manifest Information Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 08/09/2013
Date Made Active in Reports: 09/27/2013
Number of Days to Update: 49

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/11/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Annually

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

Electric Power Transmission Line Data

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

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

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Daycare Centers: Child Care Facility List
Source: Department of Public Welfare
Telephone: 717-783-3856

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

NORTH PENN USARC
1625 BERKS ROAD
NORRISTOWN, PA 19403

TARGET PROPERTY COORDINATES

Latitude (North):	40.1803 - 40° 10' 49.08"
Longitude (West):	75.3387 - 75° 20' 19.32"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	471164.1
UTM Y (Meters):	4447613.5
Elevation:	458 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	40075-B3 LANSDALE, PA
Most Recent Revision:	1983

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).

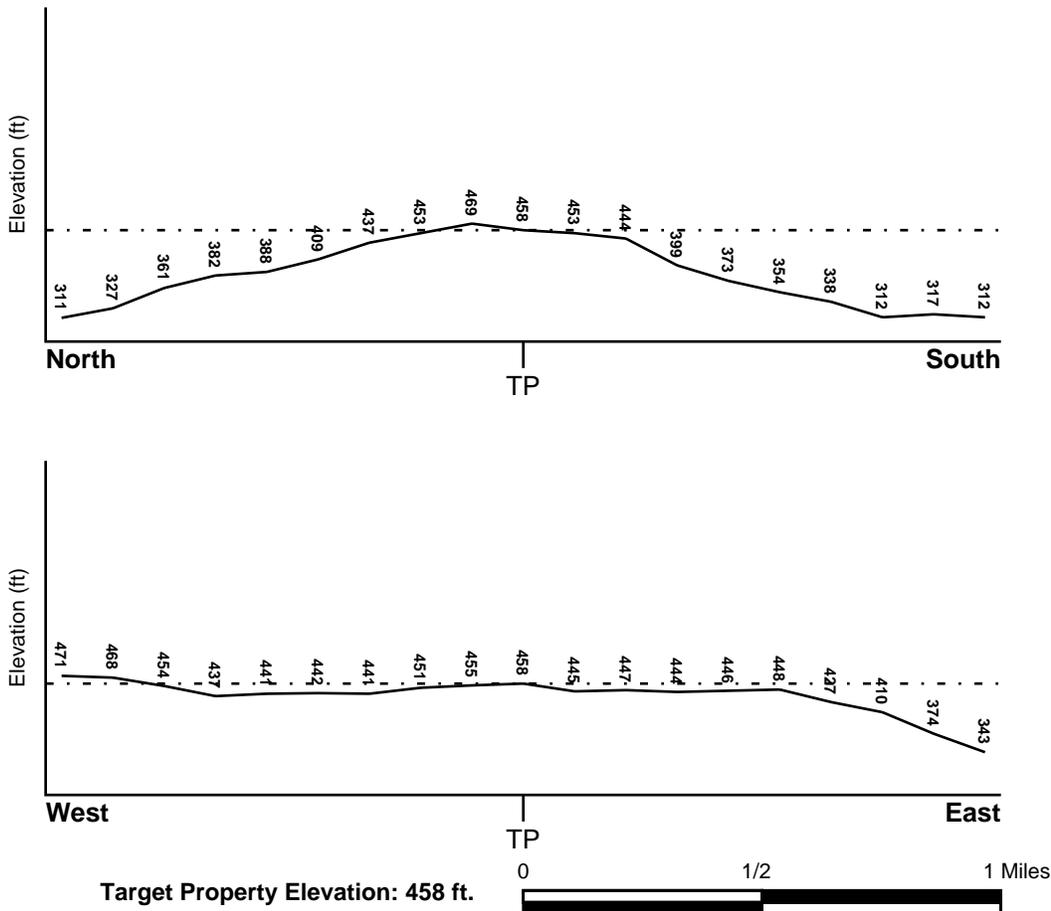
TOPOGRAPHIC INFORMATION

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 SSE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Target Property County</u> MONTGOMERY, PA	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	42091C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> LANSDALE	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

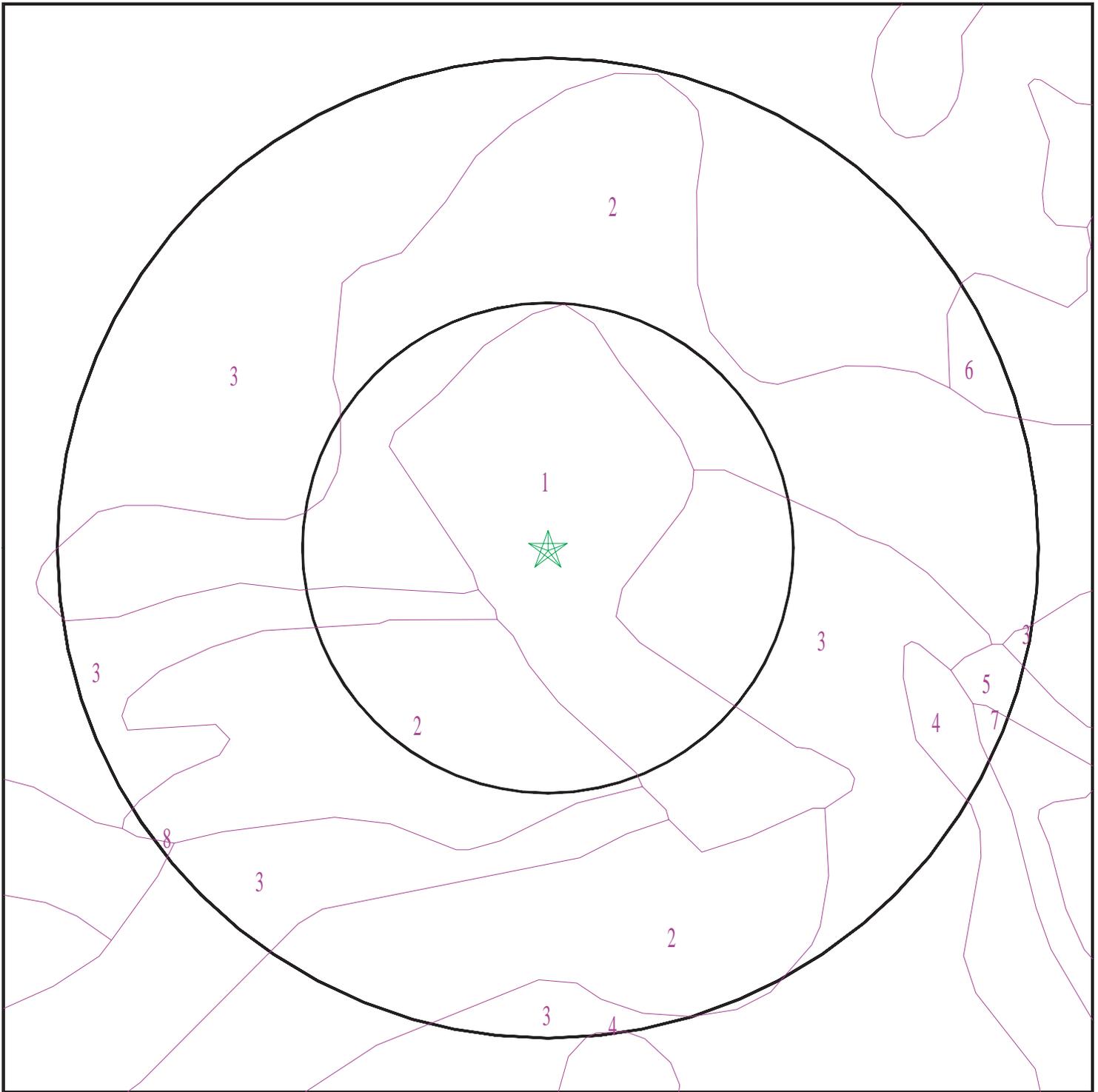
Era:	Mesozoic
System:	Triassic
Series:	Triassic
Code:	Tr (<i>decoded above as Era, System & Series</i>)

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 - 3842278.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: North Penn USARC
ADDRESS: 1625 Berks Road
Norristown PA 19403
LAT/LONG: 40.1803 / 75.3387

CLIENT: Environmental Standards Inc.
CONTACT: Megan Filipovits
INQUIRY #: 3842278.2s
DATE: January 29, 2014 1:21 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: Made land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 76 inches

No Layer Information available.

Soil Map ID: 2

Soil Component Name: Readington

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: > 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%), silt.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 3.6
2	7 inches	29 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: 14.11 Min: 4.23	Max: 6.5 Min: 3.6
3	29 inches	40 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. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.23 Min: 1.41	Max: 6.5 Min: 5.1
4	40 inches	59 inches	bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 3

Soil Component Name: Readington

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: > 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%), silt.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 3.6
2	7 inches	29 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: 14.11 Min: 4.23	Max: 6.5 Min: 3.6
3	29 inches	40 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. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.23 Min: 1.41	Max: 6.5 Min: 5.1
4	40 inches	59 inches	bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 4

Soil Component Name: Readington

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: > 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%), silt.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 3.6
2	7 inches	29 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: 14.11 Min: 4.23	Max: 6.5 Min: 3.6
3	29 inches	40 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. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.23 Min: 1.41	Max: 6.5 Min: 5.1
4	40 inches	59 inches	bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 5

Soil Component Name: Reaville

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: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 38 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%), silt.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 5.1
2	7 inches	18 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%), Lean Clay Soils.	Max: 1.41 Min: 0.42	Max: 6.5 Min: 5.1
3	18 inches	31 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 1.41 Min: 0.42	Max: 6.5 Min: 5.1
4	31 inches	35 inches	bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 6

Soil Component Name: Penn

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%), silt.	Max: 42.34 Min: 4.23	Max: 5.5 Min: 3.6
2	7 inches	20 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: 42.34 Min: 4.23	Max: 6 Min: 3.6
3	20 inches	31 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.34 Min: 4.23	Max: 6.5 Min: 5.1
4	31 inches	35 inches	bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 7

Soil Component Name: Lansdale

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: > 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	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 Min: 4.5
2	7 inches	40 inches	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: 42.34 Min: 4.23	Max: 5 Min: 4.5
3	40 inches	70 inches	very channery sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.34 Min: 14.11	Max: 5 Min: 4.5
4	70 inches	74 inches	bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 8

Soil Component Name: Abbottstown

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: > 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	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%), Lean Clay Soils.	Max: 14.11 Min: 4.23	Max: 6.5 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%), Lean Clay Soils.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 4.5
3	20 inches	38 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 Soils.	Max: 1.41 Min: 0.42	Max: 6.5 Min: 5.1
4	38 inches	48 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 Soils.	Max: 4.23 Min: 0.42	Max: 6.5 Min: 5.1
5	48 inches	51 inches	bedrock	Not reported	Not reported	Max: Min:	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	USGS40001011650	0 - 1/8 Mile ESE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B8	USGS40001011694	1/8 - 1/4 Mile West
N31	USGS40001011959	1/4 - 1/2 Mile NNW
P34	USGS40001011913	1/2 - 1 Mile NW
O38	USGS40001011886	1/2 - 1 Mile NW
T55	USGS40001012057	1/2 - 1 Mile NNW
U58	USGS40001011797	1/2 - 1 Mile WNW
U64	USGS40001011783	1/2 - 1 Mile WNW
R65	USGS40001011941	1/2 - 1 Mile NW
V69	USGS40001011651	1/2 - 1 Mile West
V71	USGS40001011695	1/2 - 1 Mile West
W73	USGS40001011989	1/2 - 1 Mile NW
Y77	USGS40001011465	1/2 - 1 Mile SE
Z80	USGS40001011826	1/2 - 1 Mile WNW
AA88	USGS40001011696	1/2 - 1 Mile West
AC103	USGS40001011748	1/2 - 1 Mile West
AF107	USGS40001012139	1/2 - 1 Mile NNW
AC113	USGS40001011784	1/2 - 1 Mile WNW
AD134	USGS40001011697	1/2 - 1 Mile West
AH135	USGS40001011541	1/2 - 1 Mile WSW
AI137	USGS40001011960	1/2 - 1 Mile WNW
AJ141	USGS40001011503	1/2 - 1 Mile ESE
AM147	USGS40001011749	1/2 - 1 Mile West
AP152	USGS40001012111	1/2 - 1 Mile NW
AP153	USGS40001012112	1/2 - 1 Mile NW
AM157	USGS40001011718	1/2 - 1 Mile West
AQ160	USGS40001011799	1/2 - 1 Mile WNW
AQ161	USGS40001011798	1/2 - 1 Mile WNW
AR163	USGS40001011942	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
9	PA1460840	1/4 - 1/2 Mile SE

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	PASI30000056950	0 - 1/8 Mile ESE
B3	PASI30000057029	1/8 - 1/4 Mile West
B4	SPAW0127715	1/8 - 1/4 Mile West
C5	PASI30000056667	1/8 - 1/4 Mile South
C6	SPAW0127562	1/8 - 1/4 Mile South
B7	PASI30000057080	1/8 - 1/4 Mile West
D10	SPAW0127598	1/4 - 1/2 Mile NE
D11	PASI30000057632	1/4 - 1/2 Mile NE
E12	SPAW0127827	1/4 - 1/2 Mile East

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
E13	PASI30000057146	1/4 - 1/2 Mile East
F14	SPAW0127724	1/4 - 1/2 Mile SSW
G15	SPAW0127657	1/4 - 1/2 Mile WNW
H16	SPAW0127821	1/4 - 1/2 Mile SSE
G17	PASI30000057437	1/4 - 1/2 Mile WNW
F18	PASI30000056319	1/4 - 1/2 Mile South
H19	PASI30000056320	1/4 - 1/2 Mile SSE
I20	SPAW0127732	1/4 - 1/2 Mile ESE
I21	PASI30000056758	1/4 - 1/2 Mile ESE
J22	SPAW0127822	1/4 - 1/2 Mile East
J23	PASI30000056892	1/4 - 1/2 Mile East
K24	PASI30000057338	1/4 - 1/2 Mile WNW
K25	SPAW0127725	1/4 - 1/2 Mile WNW
L26	SPAW0127823	1/4 - 1/2 Mile ENE
L27	PASI30000057395	1/4 - 1/2 Mile ENE
M28	SPAW0127570	1/4 - 1/2 Mile SSE
M29	PASI30000056084	1/4 - 1/2 Mile SSE
N30	PASI30000058102	1/4 - 1/2 Mile NNW
O32	PASI30000057774	1/4 - 1/2 Mile WNW
O33	SPAW0127726	1/2 - 1 Mile WNW
P35	PASI30000057984	1/2 - 1 Mile NW
O36	SPAW0127710	1/2 - 1 Mile NW
Q37	PASI30000055947	1/2 - 1 Mile SSW
O39	PASI30000057880	1/2 - 1 Mile NW
O40	PASI30000057881	1/2 - 1 Mile NW
Q41	SPAW0127672	1/2 - 1 Mile SSW
R42	PASI30000057983	1/2 - 1 Mile NW
R43	SPAW0127712	1/2 - 1 Mile NW
Q44	SPAW0127677	1/2 - 1 Mile SSW
Q45	PASI30000055903	1/2 - 1 Mile SSW
Q46	SPAW0127680	1/2 - 1 Mile SSW
Q47	PASI30000055860	1/2 - 1 Mile SSW
S48	PASI30000056520	1/2 - 1 Mile WSW
S49	SPAW0127666	1/2 - 1 Mile WSW
T50	SPAW0127560	1/2 - 1 Mile NNW
T51	PASI30000058406	1/2 - 1 Mile NNW
S52	PASI30000056490	1/2 - 1 Mile WSW
S53	SPAW0127665	1/2 - 1 Mile WSW
T54	PASI30000058405	1/2 - 1 Mile NNW
U56	PASI30000057337	1/2 - 1 Mile WNW
U57	PASI30000057485	1/2 - 1 Mile WNW
S59	PASI30000056453	1/2 - 1 Mile WSW
Q60	PASI30000055814	1/2 - 1 Mile SSW
Q61	SPAW0127679	1/2 - 1 Mile SSW
S62	SPAW0127664	1/2 - 1 Mile WSW
U63	PASI30000057436	1/2 - 1 Mile WNW
R66	PASI30000058059	1/2 - 1 Mile NW
T67	PASI30000058441	1/2 - 1 Mile NNW
T68	SPAW0127705	1/2 - 1 Mile NNW
V70	PASI30000056949	1/2 - 1 Mile West
V72	PASI30000057079	1/2 - 1 Mile West
W74	PASI30000058213	1/2 - 1 Mile NW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

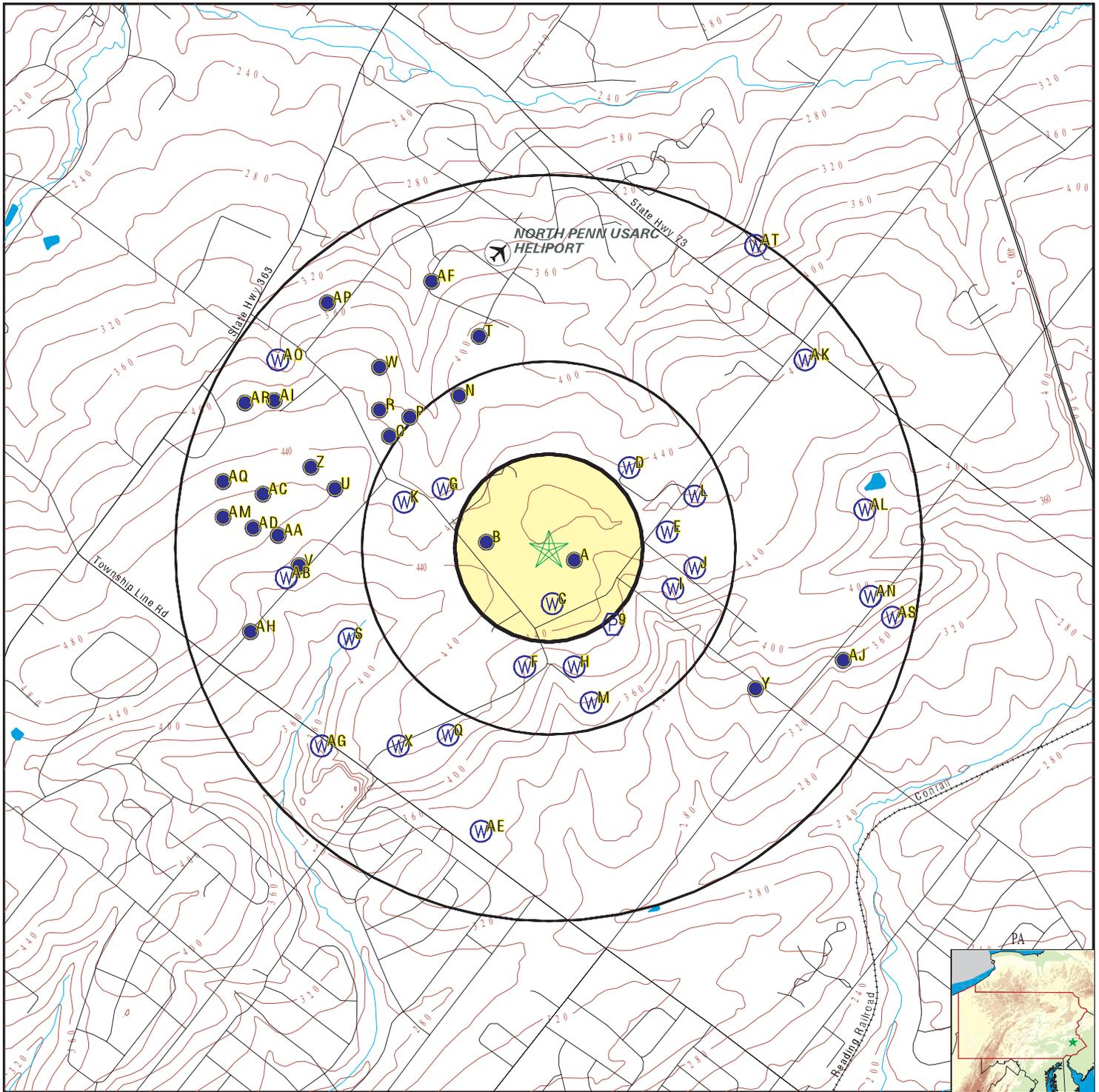
MAP ID	WELL ID	LOCATION FROM TP
X75	PASI30000055813	1/2 - 1 Mile SW
X76	SPAW0127723	1/2 - 1 Mile SW
Y78	PASI30000056191	1/2 - 1 Mile SE
Z79	PASI30000057631	1/2 - 1 Mile WNW
W81	SPAW0127611	1/2 - 1 Mile NW
W82	PASI30000058284	1/2 - 1 Mile NW
V83	SPAW0127696	1/2 - 1 Mile West
V84	SPAW0127694	1/2 - 1 Mile West
V85	PASI30000056850	1/2 - 1 Mile West
V86	PASI30000056804	1/2 - 1 Mile West
AA87	PASI30000057078	1/2 - 1 Mile West
V89	SPAW0127697	1/2 - 1 Mile West
V90	PASI30000056849	1/2 - 1 Mile West
AB91	SPAW0127695	1/2 - 1 Mile West
AB92	PASI30000056803	1/2 - 1 Mile West
AB93	SPAW0127698	1/2 - 1 Mile West
AB94	PASI30000056848	1/2 - 1 Mile West
AA95	SPAW0127745	1/2 - 1 Mile West
AA96	PASI30000057145	1/2 - 1 Mile West
AC97	SPAW0127744	1/2 - 1 Mile WNW
AC98	PASI30000057435	1/2 - 1 Mile WNW
AD99	SPAW0127746	1/2 - 1 Mile West
AD100	SPAW0127747	1/2 - 1 Mile West
AD101	PASI30000057201	1/2 - 1 Mile West
AD102	PASI30000057202	1/2 - 1 Mile West
AC104	PASI30000057294	1/2 - 1 Mile West
AE105	SPAW0127750	1/2 - 1 Mile SSW
AF106	PASI30000058711	1/2 - 1 Mile NNW
AE108	PASI30000055289	1/2 - 1 Mile SSW
AD109	PASI30000057077	1/2 - 1 Mile West
AC110	SPAW0127820	1/2 - 1 Mile WNW
AD111	SPAW0127587	1/2 - 1 Mile West
AD112	PASI30000057144	1/2 - 1 Mile West
AC114	PASI30000057433	1/2 - 1 Mile WNW
AC115	PASI30000057434	1/2 - 1 Mile WNW
AD116	SPAW0127589	1/2 - 1 Mile West
AD117	PASI30000057200	1/2 - 1 Mile West
AD118	SPAW0127591	1/2 - 1 Mile West
AD119	PASI30000057248	1/2 - 1 Mile West
AD120	PASI30000057249	1/2 - 1 Mile West
AD121	SPAW0127748	1/2 - 1 Mile West
AD122	SPAW0127749	1/2 - 1 Mile West
AD123	PASI30000057076	1/2 - 1 Mile West
AD124	PASI30000057143	1/2 - 1 Mile West
AD125	SPAW0127588	1/2 - 1 Mile West
AD126	PASI30000057199	1/2 - 1 Mile West
AD127	SPAW0127590	1/2 - 1 Mile West
AD128	SPAW0127592	1/2 - 1 Mile West
AG129	PASI30000055812	1/2 - 1 Mile SW
AG130	SPAW0121336	1/2 - 1 Mile SW
AD131	PASI30000057198	1/2 - 1 Mile West
AD132	SPAW0127593	1/2 - 1 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AD133	PASI30000057075	1/2 - 1 Mile West
AH136	PASI30000056519	1/2 - 1 Mile WSW
AI138	PASI30000058101	1/2 - 1 Mile WNW
AI139	PASI30000058017	1/2 - 1 Mile WNW
AJ140	PASI30000056359	1/2 - 1 Mile ESE
AK142	PASI30000058285	1/2 - 1 Mile NE
AL143	SPAW0127629	1/2 - 1 Mile East
AK144	SPAW0127824	1/2 - 1 Mile NE
AL145	PASI30000057295	1/2 - 1 Mile East
AM146	PASI30000057293	1/2 - 1 Mile West
AN148	SPAW0127825	1/2 - 1 Mile East
AN149	PASI30000056719	1/2 - 1 Mile East
AO150	PASI30000058283	1/2 - 1 Mile NW
AO151	SPAW0127714	1/2 - 1 Mile NW
AP154	PASI30000058578	1/2 - 1 Mile NW
AP155	PASI30000058579	1/2 - 1 Mile NW
AM156	PASI30000057197	1/2 - 1 Mile West
AQ158	PASI30000057483	1/2 - 1 Mile WNW
AQ159	PASI30000057484	1/2 - 1 Mile WNW
AR162	PASI30000058058	1/2 - 1 Mile WNW
AS164	SPAW0127795	1/2 - 1 Mile ESE
AS165	PASI30000056596	1/2 - 1 Mile ESE
AT166	PASI30000058892	1/2 - 1 Mile NE
AT167	SPAW0127671	1/2 - 1 Mile NE
AT168	SPAW0127708	1/2 - 1 Mile NNE
AT169	PASI30000058954	1/2 - 1 Mile NNE

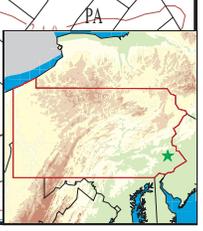
PHYSICAL SETTING SOURCE MAP - 3842278.2s



- 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: North Penn USARC
 ADDRESS: 1625 Berks Road
 Norristown PA 19403
 LAT/LONG: 40.1803 / 75.3387

CLIENT: Environmental Standards Inc.
 CONTACT: Megan Filipovits
 INQUIRY #: 3842278.2s
 DATE: January 29, 2014 1:21 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1
ESE
0 - 1/8 Mile
Lower

FED USGS USGS40001011650

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401047075201601		
Monloc name:	MG 493		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1798289
Longitude:	-75.3374014	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	445
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Stockton Formation		
Aquifer type:	Not Reported		
Construction date:	19550101	Welldepth:	230
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

1957-07-24	47	

A2
ESE
0 - 1/8 Mile
Lower

PA WELLS PASI30000056950

Dep counter:	0	Siteid:	401047075201601
Transactio:	1	Local welln:	MG 493
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231SCKN
Topography:	HILLSIDE	Well depth:	230
Elevation:	450		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	LANSDALE
Type of site:	WELL	Date created:	26-FEB-77
Date updated:	28-JUN-94		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1797222222		
Longitude dd:	-75.3377777778		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-JAN-55	Pagwis id:	28599
Source site:	1	Local permit:	Not Reported
Latest owner:	28371	Driller sc:	0
Latest prod:	24875	Latest well:	28599
Site id:	PASI30000056950		

B3
West
1/8 - 1/4 Mile
Lower

PA WELLS PASI30000057029

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7346N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	350
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1802777778		
Longitude dd:	-75.3416666667		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	9
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-SEP-86	Pagwis id:	172246
Source site:	2	Local permit:	Not Reported
Latest owner:	171364	Driller sc:	0
Latest prod:	172339	Latest well:	173802
Site id:	PASI30000057029		

B4
West
1/8 - 1/4 Mile
Lower

PA WELLS SPAW0127715

Well ID:	7346N	County	MONTGOMERY
Owner's Name:	CARNEY DENNIS	Longitude:	752030
Latitude:	401049	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	UNUSED
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	350	Casing1 Diameter(inches):	Not Reported
Casing 1:	21	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Yes	Date Drilled:	09-86
Static Water Level:	Not Reported	Production WL:	45
Yield (gpm):	0.5	Yield Measurement Method:	E
Drawdown:	Not Reported	Test Time:	0.25
Bedrock:	9	Driller:	121
Water Bearing Zone 1:	45	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 3:	Not Reported	Lithology:	OTHER
Municipality:	WORCESTER	Remark:	ROCK TYPE = BLUE & RED ROCK
Aquifer:	LOCKATONG FORMATION		

C5
South
1/8 - 1/4 Mile
Lower

PA WELLS PASI30000056667

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7192N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLTOP	Well depth:	650
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1780555556		
Longitude dd:	-75.3388888889		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	15
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-OCT-92	Pagwis id:	172093
Source site:	2	Local permit:	Not Reported
Latest owner:	171212	Driller sc:	0
Latest prod:	172186	Latest well:	173649
Site id:	PASI30000056667		

C6
South
1/8 - 1/4 Mile
Lower

PA WELLS SPAW0127562

Well ID:	7192N	County	MONTGOMERY
Owner's Name:	ECKMAN D.	Longitude:	752020
Latitude:	401041	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLTOP
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	650	Casing1 Diameter(inches):	6
Casing 1:	40	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Yes	Date Drilled:	10-92
Static Water Level:	Not Reported	Production WL:	Not Reported
Yield (gpm):	0.5	Yield Measurement Method:	V
Drawdown:	Not Reported	Test Time:	Not Reported
Bedrock:	15	Driller:	1950
Water Bearing Zone 1:	340	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 3:	Not Reported	Lithology:	OTHER
Municipality:	WORCESTER	Remark:	ROCK TYPE = BLUESTONE /
Aquifer:	LOCKATONG FORMATION		

B7
West
1/8 - 1/4 Mile
Lower

PA WELLS PASI30000057080

Dep counter:	0	Siteid:	401050075203401
Transactio:	1	Local welln:	MG 472
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	FLAT SURFACE	Well depth:	110
Elevation:	455		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	5	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	LANSDALE
Type of site:	WELL	Date created:	26-FEB-77
Date updated:	03-MAR-90		
Data Reliability:	NOT FLD CHECKED, RPRTING AGENCY CONSIDERS IT OK (DEP WSM, WWI web)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1805555556		
Longitude dd:	-75.3427777778		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-JAN-45	Pagwis id:	27799
Source site:	1	Local permit:	Not Reported
Latest owner:	27562	Driller sc:	0
Latest prod:	0	Latest well:	27799
Site id:	PASI30000057080		

B8
West
1/8 - 1/4 Mile
Lower

FED USGS USGS40001011694

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401050075203401		
Monloc name:	MG 472		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1806621
Longitude:	-75.3424015	Sourcemap scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	453
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Brunswick Formation		
Aquifer type:	Not Reported		
Construction date:	19450101	Welldepth:	110
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

9
SE
1/4 - 1/2 Mile
Lower

FRDS PWS PA1460840

Pwsid:	PA1460840	Epa region:	03
State:	PA	County:	Montgomery
Pws name:	NORTH PENN USARC		
Population Served:	25	Pwssvconn:	1
PWS Source:	Groundwater		
Pws type:	NTNCWS		
Status:	Closed	Owner type:	Fed_Govt
Facility id:	001		
Facility name:	WELL 1		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	ATTN: AFRC-APA-EN(MR COSTELLO)		
Original name:	Not Reported		
Contact phone:	610-584-1111	Contact address1:	WURTS MEM USARC NAV AIR STATN
Contact address2:	Not Reported		
Contact city:	WILLOW GROVE		
Contact zip:	190905110		
Facility id:	101		
Facility name:	WELL#1		
Facility type:	Sampling_station	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Facility id:	300		
Facility name:	WELLHOUSE		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
PWS ID:	PA1460840		
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	NORTH PENN USARC POTSHOP AND BERKS ROAD WORCESTER, PA 194909988		
Addressee / Facility:	Mailing NORTH PENN USARC ATTN:AFKA-ZQ-DE-E/MR. K MALICK FORT INDIANTOWN GAP ANNVILLE, PA 170035011		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facility Latitude: 40 10 38	Facility Longitude: 075 20 09
City Served: Not Reported	
Treatment Class: Treated	Population: 00000025
PWS currently has or had major violation(s) or enforcement: YES	

VIOLATIONS INFORMATION:

Violation ID:	9405330	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	10/01/93	Vio. end Date:	12/31/93	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	1,2,4-TRICHLOROBENZENE				
Vio. Awareness Date:	030294				

Violation ID:	9405331	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	10/01/93	Vio. end Date:	12/31/93	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	CIS-1,2-DICHLOROETHYLENE				
Vio. Awareness Date:	030294				

Violation ID:	9405332	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	10/01/93	Vio. end Date:	12/31/93	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	XYLENES, TOTAL				
Vio. Awareness Date:	030294				

Violation ID:	9405333	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	10/01/93	Vio. end Date:	12/31/93	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	METHYLENE CHLORIDE (DICHLOROMETHANE)				
Vio. Awareness Date:	030294				

Violation ID:	9405334	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	10/01/93	Vio. end Date:	12/31/93	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	O-DICHLOROBENZENE				
Vio. Awareness Date:	030294				

Violation ID:	9405335	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	10/01/93	Vio. end Date:	12/31/93	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	P-DICHLOROBENZENE				
Vio. Awareness Date:	030294				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Violation ID:	9405336	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	10/01/93	Vio. end Date:	12/31/93	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	1,1-DICHLOROETHYLENE				
Vio. Awareness Date:	030294				
Violation ID:	9405337	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	10/01/93	Vio. end Date:	12/31/93	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	TRANS-1,2-DICHLOROETHYLENE				
Vio. Awareness Date:	030294				
Violation ID:	9405338	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	10/01/93	Vio. end Date:	12/31/93	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	1,2-DICHLOROETHANE				
Vio. Awareness Date:	030294				
Violation ID:	9405339	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	10/01/93	Vio. end Date:	12/31/93	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	1,1,1-TRICHLOROETHANE				
Vio. Awareness Date:	030294				
Violation ID:	9405340	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	10/01/93	Vio. end Date:	12/31/93	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	CARBON TETRACHLORIDE				
Vio. Awareness Date:	030294				
Violation ID:	9405341	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	10/01/93	Vio. end Date:	12/31/93	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	1,2-DICHLOROPROPANE				
Vio. Awareness Date:	030294				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Violation ID:	9405342	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	10/01/93	Vio. end Date:	12/31/93	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	TRICHLOROETHYLENE				
Vio. Awareness Date:	030294				
Violation ID:	9405343	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	10/01/93	Vio. end Date:	12/31/93	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	1,1,2-TRICHLOROETHANE				
Vio. Awareness Date:	030294				
Violation ID:	9405344	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	10/01/93	Vio. end Date:	12/31/93	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	TETRACHLOROETHYLENE				
Vio. Awareness Date:	030294				
Violation ID:	9405345	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	10/01/93	Vio. end Date:	12/31/93	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	MONOCHLOROBENZENE (CHLOROBENZENE)				
Vio. Awareness Date:	030294				
Violation ID:	9405346	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	10/01/93	Vio. end Date:	12/31/93	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	BENZENE				
Vio. Awareness Date:	030294				
Violation ID:	9405347	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	10/01/93	Vio. end Date:	12/31/93	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	TOLUENE				
Vio. Awareness Date:	030294				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Violation ID:	9405348	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	10/01/93	Vio. end Date:	12/31/93	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	ETHYLBENZENE				
Vio. Awareness Date:	030294				

Violation ID:	9405349	Source ID:	101	PWS Phone:	Not Reported
Vio. beginning Date:	10/01/93	Vio. end Date:	12/31/93	Vio. Period:	003 Months
Num required Samples:	000	Number of Samples Taken:	000		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	STYRENE				
Vio. Awareness Date:	030294				

ENFORCEMENT INFORMATION:

System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	1,2,4-TRICHLOROBENZENE		
Compliance Period:	1994-10-01 - 1994-12-31		
Violation ID:	9515003		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported

System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	CIS-1,2-DICHLOROETHYLENE		
Compliance Period:	1994-10-01 - 1994-12-31		
Violation ID:	9515004		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported

System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	XYLENES, TOTAL		
Compliance Period:	1994-10-01 - 1994-12-31		
Violation ID:	9515005		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported

System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	METHYLENE CHLORIDE (DICHLOROMETHANE)		
Compliance Period:	1994-10-01 - 1994-12-31		
Violation ID:	9515006		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported

System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	O-DICHLOROBENZENE		
Compliance Period:	1994-10-01 - 1994-12-31		
Violation ID:	9515007		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported

System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	P-DICHLOROBENZENE		
Compliance Period:	1994-10-01 - 1994-12-31		
Violation ID:	9515008		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	1,1-DICHLOROETHYLENE		
Compliance Period:	1994-10-01 - 1994-12-31		
Violation ID:	9515009		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	TRANS-1,2-DICHLOROETHYLENE		
Compliance Period:	1994-10-01 - 1994-12-31		
Violation ID:	9515010		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	1,2-DICHLOROETHANE		
Compliance Period:	1994-10-01 - 1994-12-31		
Violation ID:	9515011		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	1,1,1-TRICHLOROETHANE		
Compliance Period:	1994-10-01 - 1994-12-31		
Violation ID:	9515012		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	CARBON TETRACHLORIDE		
Compliance Period:	1994-10-01 - 1994-12-31		
Violation ID:	9515013		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	1,2-DICHLOROPROPANE		
Compliance Period:	1994-10-01 - 1994-12-31		
Violation ID:	9515014		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	TRICHLOROETHYLENE		
Compliance Period:	1994-10-01 - 1994-12-31		
Violation ID:	9515015		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	1,1,2-TRICHLOROETHANE		
Compliance Period:	1994-10-01 - 1994-12-31		
Violation ID:	9515016		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	TETRACHLOROETHYLENE		
Compliance Period:	1994-10-01 - 1994-12-31		
Violation ID:	9515017		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	MONOCHLOROBENZENE (CHLOROBENZENE)		
Compliance Period:	1994-10-01 - 1994-12-31		
Violation ID:	9515018		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	BENZENE		
Compliance Period:	1994-10-01 - 1994-12-31		
Violation ID:	9515019		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	TOLUENE		
Compliance Period:	1994-10-01 - 1994-12-31		
Violation ID:	9515020		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	ETHYLBENZENE		
Compliance Period:	1994-10-01 - 1994-12-31		
Violation ID:	9515021		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	STYRENE		
Compliance Period:	1994-10-01 - 1994-12-31		
Violation ID:	9515022		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	ARSENIC		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9538990		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	BARIUM		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9538991		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	CADMIUM		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9538992		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	CHROMIUM		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9538993		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	CYANIDE		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9538994		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	FLUORIDE		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9538995		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	MERCURY		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9538996		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	NICKEL		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9538997		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	SELENIUM		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9538998		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	ANTIMONY, TOTAL		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9538999		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	BERYLLIUM, TOTAL		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9539000		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Monitoring, Regular		
Contaminant:	THALLIUM, TOTAL		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9539001		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	NORTH PENN USARC		
Violation Type:	Follow-up and Routine Tap Sampling		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9605627		
Enforcement Date:	1996-03-25	Enf. Action:	State Formal NOV Issued

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	NORTH PENN USARC	
Violation Type:	Follow-up and Routine Tap Sampling	
Contaminant:	LEAD & COPPER RULE	
Compliance Period:	1995-01-01 - 1995-12-31	
Violation ID:	9605627	
Enforcement Date:	1996-04-03	Enf. Action: State Compliance Achieved

**D10
NE
1/4 - 1/2 Mile
Lower**

PA WELLS SPAW0127598

Well ID:	7228N	County	MONTGOMERY
Owner's Name:	ALLEN A MYERS &	Longitude:	752006
Latitude:	401100	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	486	Casing1 Diameter(inches):	6
Casing 1:	42	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	07-90
Grouted:	Yes	Production WL:	Not Reported
Static Water Level:	58	Yield Measurement Method:	E
Yield (gpm):	4	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	462
Bedrock:	4	Water Bearing Zone 2:	450
Water Bearing Zone 1:	320	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE = TRAPROCK
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

**D11
NE
1/4 - 1/2 Mile
Lower**

PA WELLS PASI30000057632

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7228N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	486
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	LANSDALE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	03-FEB-99
Type of site:	WELL		
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1833333333	Depth to bedrock:	4
Longitude dd:	-75.335	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	172129
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01-JUL-90	Latest well:	173685
Source site:	2		
Latest owner:	171248		
Latest prod:	172222		
Site id:	PASI30000057632		

E12
East
1/4 - 1/2 Mile
Lower

PA WELLS SPAW0127827

Well ID:	X 2910	County	MONTGOMERY
Owner's Name:	SNYDER WM	Longitude:	751959
Latitude:	401051	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	138	Casing1 Diameter(inches):	6
Casing 1:	25	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-00
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	63	Yield Measurement Method:	Not Reported
Yield (gpm):	7	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	0512
Bedrock:	15	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	130	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	1743
Municipality:	WORCESTER		
Aquifer:	BRUNSWICK FORMATION		

E13
East
1/4 - 1/2 Mile
Lower

PA WELLS PASI30000057146

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 2910
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	138
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	Not Reported
Accuracy of elev:	Not Reported	Quad code:	LANSDALE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	03-FEB-99
Type of site:	WELL		
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1808333333	Depth to bedrock:	15
Longitude dd:	-75.3330555556	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	172358
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01-AUG-88	Latest well:	173912
Source site:	2		
Latest owner:	171475		
Latest prod:	172449		
Site id:	PASI30000057146		

**F14
SSW
1/4 - 1/2 Mile
Lower**

PA WELLS SPAW0127724

Well ID:	7355N	County	MONTGOMERY
Owner's Name:	BOLOGNESE JOE	Longitude:	752025
Latitude:	401032	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	320	Casing1 Diameter(inches):	Not Reported
Casing 1:	31	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	05-85
Grouted:	Yes	Production WL:	45
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	6	Test Time:	0.25
Drawdown:	Not Reported	Driller:	121
Bedrock:	6	Water Bearing Zone 2:	220
Water Bearing Zone 1:	92	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE = BLUEROCK
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

**G15
WNW
1/4 - 1/2 Mile
Lower**

PA WELLS SPAW0127657

Well ID:	7288N	County	MONTGOMERY
Owner's Name:	ZIEGLER DALE	Longitude:	752040
Latitude:	401057	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	175	Casing1 Diameter(inches):	Not Reported
Casing 1:	80	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	07-88
Grouted:	Yes	Production WL:	40
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	75	Test Time:	0.5
Drawdown:	Not Reported	Driller:	121
Bedrock:	62	Water Bearing Zone 2:	110
Water Bearing Zone 1:	90	Lithology:	OTHER
Water Bearing Zone 3:	120	Remark:	ROCK TYPE = RED & BLUE ROCK
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

H16
SSE
 1/4 - 1/2 Mile
 Lower

PA WELLS SPAW0127821

Well ID:	X 2904	County:	MONTGOMERY
Owner's Name:	OUR FARM INC	Longitude:	752016
Latitude:	401032	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	600	Casing1 Diameter(inches):	6
Casing 1:	23	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-00
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	28	Yield Measurement Method:	Not Reported
Yield (gpm):	Not Reported	Test Time:	Not Reported
Drawdown:	572	Driller:	0188
Bedrock:	5	Water Bearing Zone 2:	360
Water Bearing Zone 1:	110	Lithology:	Not Reported
Water Bearing Zone 3:	Not Reported	Remark:	1743
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

G17
WNW
 1/4 - 1/2 Mile
 Lower

PA WELLS PASI30000057437

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7288N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	175
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	LANSDALE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	03-FEB-99
Type of site:	WELL		
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1825		
Longitude dd:	-75.3444444444		
Well address:	Not Reported	Depth to bedrock:	62
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	172188
Date drilled:	01-JUL-88	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	171306	Latest well:	173744
Latest prod:	172281		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000057437

F18
South
1/4 - 1/2 Mile
Lower

PA WELLS PASI30000056319

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7355N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	320
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.175555556		
Longitude dd:	-75.340277778		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	6
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-MAY-85	Pagwis id:	172255
Source site:	2	Local permit:	Not Reported
Latest owner:	171373	Driller sc:	0
Latest prod:	172348	Latest well:	173811
Site id:	PASI30000056319		

H19
SSE
1/4 - 1/2 Mile
Lower

PA WELLS PASI30000056320

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 2904
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	600
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	Not Reported
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.175555556		
Longitude dd:	-75.337777778		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	5
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-MAY-85	Pagwis id:	172352
Source site:	2	Local permit:	Not Reported
Latest owner:	171469	Driller sc:	0
Latest prod:	172444	Latest well:	173906

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000056320

I20
ESE
1/4 - 1/2 Mile
Lower

PA WELLS SPAW0127732

Well ID:	7363N	County:	MONTGOMERY
Owner's Name:	BRADLEY SHAWN	Longitude:	751958
Latitude:	401043	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	575	Casing1 Diameter(inches):	6
Casing 1:	32	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	01-87
Grouted:	No	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	8	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	514
Bedrock:	11	Water Bearing Zone 1:	95
Water Bearing Zone 1:	95	Water Bearing Zone 2:	320
Water Bearing Zone 3:	Not Reported	Lithology:	OTHER
Municipality:	WORCESTER	Remark:	ROCK TYPE = LOCKATONG
Aquifer:	LOCKATONG FORMATION		

I21
ESE
1/4 - 1/2 Mile
Lower

PA WELLS PASI30000056758

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7363N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	575
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	LANSDALE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	03-FEB-99
Type of site:	WELL		
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1786111111		
Longitude dd:	-75.3327777778		
Well address:	Not Reported	Depth to bedrock:	11
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	172263
Date drilled:	01-JAN-87	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	171381	Latest well:	173819
Latest prod:	172356		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000056758

J22
East
1/4 - 1/2 Mile
Lower

PA WELLS SPAW0127822

Well ID:	X 2905	County:	MONTGOMERY
Owner's Name:	TAYLOR MICHAEL	Longitude:	751954
Latitude:	401046	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	Not Reported
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	138	Casing1 Diameter(inches):	6
Casing 1:	24	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-00
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	52	Yield Measurement Method:	Not Reported
Yield (gpm):	12	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	0512
Bedrock:	4	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	135	Lithology:	Not Reported
Water Bearing Zone 3:	Not Reported	Remark:	1743
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

J23
East
1/4 - 1/2 Mile
Lower

PA WELLS PASI30000056892

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 2905
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	Not Reported	Well depth:	138
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	Not Reported
Accuracy of elev:	Not Reported	Quad code:	LANSDALE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	03-FEB-99
Type of site:	WELL		
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1794444444		
Longitude dd:	-75.3316666667		
Well address:	Not Reported	Depth to bedrock:	4
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	172353
Date drilled:	01-JAN-69	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	171470	Latest well:	173907
Latest prod:	172445		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000056892

K24
WNW
1/4 - 1/2 Mile
Lower

PA WELLS PASI30000057338

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7356N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	500
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	LANSDALE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	03-FEB-99
Type of site:	WELL		
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1819444444		
Longitude dd:	-75.3463888889		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	6
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-MAY-85	Pagwis id:	172256
Source site:	2	Local permit:	Not Reported
Latest owner:	171374	Driller sc:	0
Latest prod:	172349	Latest well:	173812
Site id:	PASI30000057338		

K25
WNW
1/4 - 1/2 Mile
Lower

PA WELLS SPAW0127725

Well ID:	7356N	County	MONTGOMERY
Owner's Name:	ZIEGLER DALE	Longitude:	752047
Latitude:	401055	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	500	Casing1 Diameter(inches):	Not Reported
Casing 1:	30	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	05-85
Grouted:	Yes	Production WL:	61
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	6	Test Time:	0.25
Drawdown:	Not Reported	Driller:	121
Bedrock:	6	Water Bearing Zone 2:	478
Water Bearing Zone 1:	140	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE = BLUE & RED ROCK
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

L26
ENE
1/4 - 1/2 Mile
Higher

PA WELLS SPAW0127823

Well ID:	X 2906	County:	MONTGOMERY
Owner's Name:	BISHOP D	Longitude:	751954
Latitude:	401056	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLTOP
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	217	Casing1 Diameter(inches):	6
Casing 1:	40	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-00
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	50	Yield Measurement Method:	Not Reported
Yield (gpm):	20	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	0512
Bedrock:	30	Water Bearing Zone 2:	190
Water Bearing Zone 1:	165	Lithology:	Not Reported
Water Bearing Zone 3:	210	Remark:	1743
Municipality:	WORCESTER		
Aquifer:	BRUNSWICK FORMATION		

L27
ENE
1/4 - 1/2 Mile
Higher

PA WELLS PASI30000057395

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 2906
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLTOP	Well depth:	217
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	Not Reported
Accuracy of elev:	Not Reported	Quad code:	LANSDALE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	03-FEB-99
Type of site:	WELL		
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.182222222		
Longitude dd:	-75.331666667		
Well address:	Not Reported	Depth to bedrock:	30
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	172354
Date drilled:	01-AUG-88	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	171471	Latest well:	173908
Latest prod:	172446		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000057395

M28
SSE
1/4 - 1/2 Mile
Lower

PA WELLS SPAW0127570

Well ID:	7200N	County:	MONTGOMERY
Owner's Name:	GAMBONE BROS. INC.	Longitude:	752013
Latitude:	401027	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	397	Casing1 Diameter(inches):	Not Reported
Casing 1:	Not Reported	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	08-92
Grouted:	Yes	Production WL:	397
Static Water Level:	47	Yield Measurement Method:	V
Yield (gpm):	7	Test Time:	0.5
Drawdown:	350	Driller:	188
Bedrock:	20	Water Bearing Zone 2:	217
Water Bearing Zone 1:	179	Lithology:	OTHER
Water Bearing Zone 3:	230	Remark:	CAS LEN = 26'1 - DIA = 6.25
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

M29
SSE
1/4 - 1/2 Mile
Lower

PA WELLS PASI30000056084

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7200N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	397
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	LANSDALE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	03-FEB-99
Type of site:	WELL		
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1741666667		
Longitude dd:	-75.3369444444		
Well address:	Not Reported	Depth to bedrock:	20
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	172101
Date drilled:	01-AUG-92	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	171220	Latest well:	173657
Latest prod:	172194		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000056084

**N30
NNW
1/4 - 1/2 Mile
Lower**

PA WELLS PASI30000058102

Dep counter:	0	Siteid:	401110075203701
Transactio:	3	Local welln:	MG 1528
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	234
Elevation:	408		
Elev method:	Not Reported		
Accuracy of elev:	5	Hydrologic:	02040203
Latlong acc:	Not Reported	Quad code:	LANSDALE
Type of site:	WELL	Date created:	24-JUL-97
Date updated:	24-JUL-97		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	WELL OWNER		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1861111111		
Longitude dd:	-75.3436111111		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	22-JUL-97	Pagwis id:	43912
Source site:	1	Local permit:	Not Reported
Latest owner:	43490	Driller sc:	0
Latest prod:	45228	Latest well:	43912
Site id:	PASI30000058102		

**N31
NNW
1/4 - 1/2 Mile
Lower**

FED USGS USGS40001011959

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401110075203701		
Monloc name:	MG 1528		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1862175
Longitude:	-75.3432345	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	408
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Lockatong Formation		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	234
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1995-07-24	22.8	

O32
WNW
1/4 - 1/2 Mile
Lower

PA WELLS PASI30000057774

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7357N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	225
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1841666667		
Longitude dd:	-75.3469444444		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	32
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-FEB-86	Pagwis id:	172257
Source site:	2	Local permit:	Not Reported
Latest owner:	171375	Driller sc:	0
Latest prod:	172350	Latest well:	173813
Site id:	PASI30000057774		

O33
WNW
1/2 - 1 Mile
Lower

PA WELLS SPAW0127726

Well ID:	7357N	County	MONTGOMERY
Owner's Name:	ZIEGLER DALE	Longitude:	752049
Latitude:	401103	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	225	Casing1 Diameter(inches):	Not Reported
Casing 1:	71	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Yes	Date Drilled:	02-86
Static Water Level:	Not Reported	Production WL:	10
Yield (gpm):	32	Yield Measurement Method:	E
Drawdown:	Not Reported	Test Time:	0.25
Bedrock:	32	Driller:	121
Water Bearing Zone 1:	86	Water Bearing Zone 2:	105
Water Bearing Zone 3:	170	Lithology:	OTHER
Municipality:	WORCESTER	Remark:	ROCK TYPE = BLUEROCK
Aquifer:	LOCKATONG FORMATION		

**P34
NW
1/2 - 1 Mile
Lower**

FED USGS USGS40001011913

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401107075204601		
Monloc name:	MG 1524		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1853841
Longitude:	-75.3457346	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	409
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Lockatong Formation		
Aquifer type:	Not Reported		
Construction date:	198606	Welldepth:	725
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1995-07-21	36.52	

**P35
NW
1/2 - 1 Mile
Lower**

PA WELLS PASI30000057984

Dep counter:	0	Siteid:	401107075204601
Transactio:	3	Local welln:	MG 1524
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	725
Elevation:	409		
Elev method:	Not Reported		
Accuracy of elev:	5	Hydrologic:	02040203
Latlong acc:	Not Reported	Quad code:	LANSDALE
Type of site:	WELL	Date created:	24-JUL-97
Date updated:	24-JUL-97		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1852777778	Depth to bedrock:	0
Longitude dd:	-75.3461111111	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	43909
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01-JUN-86	Latest well:	43909
Source site:	1		
Latest owner:	43487		
Latest prod:	45226		
Site id:	PASI30000057984		

Q36
NW
1/2 - 1 Mile
Lower

PA WELLS SPAW0127710

Well ID:	7341N	County	MONTGOMERY
Owner's Name:	CARNEY D.	Longitude:	752050
Latitude:	401105	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	500	Casing1 Diameter(inches):	Not Reported
Casing 1:	21	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	08-86
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	0.5	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	512
Bedrock:	14	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

Q37
SSW
1/2 - 1 Mile
Lower

PA WELLS PASI30000055947

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7303N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	610
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	LANSDALE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	03-FEB-99
Type of site:	WELL		
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1733333333	Depth to bedrock:	52
Longitude dd:	-75.3436111111	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	172203
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01-NOV-87	Latest well:	173759
Source site:	2		
Latest owner:	171321		
Latest prod:	172296		
Site id:	PASI30000055947		

**O38
NW
1/2 - 1 Mile
Lower**

FED USGS USGS40001011886

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401105075205001		
Monloc name:	MG 1523		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1848285
Longitude:	-75.3468458	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	424
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Locketong Formation		
Aquifer type:	Not Reported		
Construction date:	198608	Welldepth:	500
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1995-07-21	16.1	

**O39
NW
1/2 - 1 Mile
Lower**

PA WELLS PASI30000057880

Dep counter:	0	Siteid:	401105075205001
Transactio:	3	Local welln:	MG 1523
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	500
Elevation:	424		
Elev method:	Not Reported		
Accuracy of elev:	5	Hydrologic:	02040203
Latlong acc:	Not Reported	Quad code:	LANSDALE
Type of site:	WELL	Date created:	24-JUL-97
Date updated:	24-JUL-97		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	WELL OWNER		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1847222222	Depth to bedrock:	0
Longitude dd:	-75.3472222222	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	43908
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01-AUG-86	Latest well:	43908
Source site:	1		
Latest owner:	43486		
Latest prod:	45225		
Site id:	PASI30000057880		

**O40
NW
1/2 - 1 Mile
Lower**

PA WELLS PASI30000057881

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7341N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	500
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1847222222		
Longitude dd:	-75.3472222222		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	14
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-AUG-86	Pagwis id:	172241
Source site:	2	Local permit:	Not Reported
Latest owner:	171359	Driller sc:	0
Latest prod:	172334	Latest well:	173797
Site id:	PASI30000057881		

**Q41
SSW
1/2 - 1 Mile
Lower**

PA WELLS SPAW0127672

Well ID:	7303N	County	MONTGOMERY
Owner's Name:	SVETZ R	Longitude:	752037
Latitude:	401024	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	610	Casing1 Diameter(inches):	Not Reported
Casing 1:	60	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Not Reported	Date Drilled:	11-87
Static Water Level:	Not Reported	Production WL:	Not Reported
Yield (gpm):	Not Reported	Yield Measurement Method:	V
Drawdown:	Not Reported	Test Time:	Not Reported
Bedrock:	52	Driller:	512
Water Bearing Zone 1:	Not Reported	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 3:	Not Reported	Lithology:	OTHER
Municipality:	WORCESTER	Remark:	ROCK TYPE = BLACK/BLUE ROCK
Aquifer:	LOCKATONG FORMATION		

**R42
NW
1/2 - 1 Mile
Lower**

PA WELLS PASI30000057983

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7343N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	725
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1852777778		
Longitude dd:	-75.3475		
Well address:	Not Reported	Depth to bedrock:	16
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	172243
Date drilled:	01-JUN-86	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	171361	Latest well:	173799
Latest prod:	172336		
Site id:	PASI30000057983		

**R43
NW
1/2 - 1 Mile
Lower**

PA WELLS SPAW0127712

Well ID:	7343N	County	MONTGOMERY
Owner's Name:	CARNEY D.	Longitude:	752051
Latitude:	401107	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	725	Casing1 Diameter(inches):	Not Reported
Casing 1:	20	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Yes	Date Drilled:	06-86
Static Water Level:	Not Reported	Production WL:	30
Yield (gpm):	0.5	Yield Measurement Method:	E
Drawdown:	Not Reported	Test Time:	Not Reported
Bedrock:	16	Driller:	512
Water Bearing Zone 1:	50	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 3:	Not Reported	Lithology:	OTHER
Municipality:	WORCESTER	Remark:	ROCK TYPE = BLUESTONE
Aquifer:	LOCKATONG FORMATION		

Q44
SSW
1/2 - 1 Mile
Lower

PA WELLS SPAW0127677

Well ID:	7308N	County	MONTGOMERY
Owner's Name:	SVETZ R.	Longitude:	752041
Latitude:	401023	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	712	Casing1 Diameter(inches):	Not Reported
Casing 1:	113	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	09-87
Grouted:	Yes	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	V
Yield (gpm):	Not Reported	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	512
Bedrock:	105	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	712	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	YIELD = 1 PINT
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

Q45
SSW
1/2 - 1 Mile
Lower

PA WELLS PASI30000055903

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7308N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	712
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	LANSDALE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	03-FEB-99
Type of site:	WELL		
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1730555556	Depth to bedrock:	105
Longitude dd:	-75.3447222222	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	172208
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01-SEP-87	Latest well:	173764
Source site:	2		
Latest owner:	171326		
Latest prod:	172301		
Site id:	PASI30000055903		

Q46
SSW
1/2 - 1 Mile
Lower

PA WELLS SPAW0127680

Well ID:	7311N	County	MONTGOMERY
Owner's Name:	DI MARCO N.	Longitude:	752039
Latitude:	401022	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLTOP
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	712	Casing1 Diameter(inches):	Not Reported
Casing 1:	60	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	01-88
Grouted:	Yes	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	V
Yield (gpm):	0.5	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	512
Bedrock:	53	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	467	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE = BLUE ROCK
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

Q47
SSW
1/2 - 1 Mile
Lower

PA WELLS PASI30000055860

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7311N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLTOP	Well depth:	712
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	LANSDALE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	03-FEB-99
Type of site:	WELL		
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1727777778		
Longitude dd:	-75.3441666667		
Well address:	Not Reported	Depth to bedrock:	53
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	172211
Date drilled:	01-JAN-88	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	171329	Latest well:	173767
Latest prod:	172304		
Site id:	PASI30000055860		

S48
WSW
1/2 - 1 Mile
Lower

PA WELLS PASI30000056520

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7297N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	218
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	LANSDALE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	03-FEB-99
Type of site:	WELL		
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1769444444		
Longitude dd:	-75.3491666667		
Well address:	Not Reported	Depth to bedrock:	52
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	172197
Date drilled:	01-APR-88	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	171315	Latest well:	173753
Latest prod:	172290		
Site id:	PASI30000056520		

S49
WSW
1/2 - 1 Mile
Lower

PA WELLS SPAW0127666

Well ID:	7297N	County	MONTGOMERY
Owner's Name:	McGINN	Longitude:	752057
Latitude:	401037	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	218	Casing1 Diameter(inches):	Not Reported
Casing 1:	60	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Yes	Date Drilled:	04-88
Static Water Level:	Not Reported	Production WL:	60
Yield (gpm):	8	Yield Measurement Method:	E
Drawdown:	Not Reported	Test Time:	Not Reported
Bedrock:	52	Driller:	512
Water Bearing Zone 1:	100	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 3:	Not Reported	Lithology:	OTHER
Municipality:	WORCESTER	Remark:	ROCK TYPE = BLUESTONE
Aquifer:	LOCKATONG FORMATION		

**T50
NNW
1/2 - 1 Mile
Lower**

PA WELLS SPAW0127560

Well ID:	7190N	County	MONTGOMERY
Owner's Name:	HEYSER E.	Longitude:	752032
Latitude:	401118	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	855	Casing1 Diameter(inches):	Not Reported
Casing 1:	45	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	07-92
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	100	Yield Measurement Method:	V
Yield (gpm):	Not Reported	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1950
Bedrock:	3	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	740	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	CAS DIA = 6.25 / YIELD =
Municipality:	WORCESTER		
Aquifer:	BRUNSWICK FORMATION		

**T51
NNW
1/2 - 1 Mile
Lower**

PA WELLS PASI30000058406

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7190N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	855
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	LANSDALE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	03-FEB-99
Type of site:	WELL		
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1883333333		
Longitude dd:	-75.3422222222		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	3
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-JUL-92	Pagwis id:	172091
Source site:	2	Local permit:	Not Reported
Latest owner:	171210	Driller sc:	0
Latest prod:	172184	Latest well:	173647
Site id:	PASI30000058406		

S52
WSW
1/2 - 1 Mile
Lower

PA WELLS PASI30000056490

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7296N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	115
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1766666667		
Longitude dd:	-75.3491666667		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	23
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-APR-88	Pagwis id:	172196
Source site:	2	Local permit:	Not Reported
Latest owner:	171314	Driller sc:	0
Latest prod:	172289	Latest well:	173752
Site id:	PASI30000056490		

S53
WSW
1/2 - 1 Mile
Lower

PA WELLS SPAW0127665

Well ID:	7296N	County	MONTGOMERY
Owner's Name:	McGINN	Longitude:	752057
Latitude:	401036	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	115	Casing1 Diameter(inches):	Not Reported
Casing 1:	32	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Yes	Date Drilled:	04-88
Static Water Level:	Not Reported	Production WL:	45
Yield (gpm):	35	Yield Measurement Method:	E
Drawdown:	Not Reported	Test Time:	Not Reported
Bedrock:	23	Driller:	512
Water Bearing Zone 1:	40	Water Bearing Zone 2:	65
Water Bearing Zone 3:	Not Reported	Lithology:	OTHER
Municipality:	WORCESTER	Remark:	ROCK TYPE = BLUESTONE
Aquifer:	LOCKATONG FORMATION		

T54
NNW
1/2 - 1 Mile
Lower

PA WELLS PASI30000058405

Dep counter:	0	Siteid:	401118075203301
Transactio:	3	Local welln:	MG 1519
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	0
Elevation:	406		
Elev method:	Not Reported		
Accuracy of elev:	5	Hydrologic:	02040203
Latlong acc:	Not Reported	Quad code:	LANSDALE
Type of site:	WELL	Date created:	24-JUL-97
Date updated:	24-JUL-97		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	Not Reported		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1883333333		
Longitude dd:	-75.3425		
Well address:	Not Reported	Depth to bedrock:	0
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	43915
Date drilled:	01-OCT-90	Local permit:	Not Reported
Source site:	1	Driller sc:	0
Latest owner:	43493	Latest well:	43915
Latest prod:	0		
Site id:	PASI30000058405		

T55
NNW
1/2 - 1 Mile
Lower

FED USGS USGS40001012057

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401118075203301		
Monloc name:	MG 1519		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1884397
Longitude:	-75.3421232	Sourcemap scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	406
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Lockatong Formation		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1995-07-20	111.0	

**U56
WNW
1/2 - 1 Mile
Higher**

PA WELLS PASI30000057337

Dep counter:	0	Siteid:	401055075210001
Transactio:	1	Local welln:	MG 494
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	230
Elevation:	460		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	LANSDALE
Type of site:	WELL	Date created:	26-FEB-77
Date updated:	28-JUN-94		
Data Reliability:	NOT FLD CHECKED, RPRTING AGENCY CONSIDERS IT OK (DEP WSM, WWI web)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1819444444		
Longitude dd:	-75.35		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-JAN-55	Pagwis id:	28600
Source site:	1	Local permit:	Not Reported
Latest owner:	28372	Driller sc:	0
Latest prod:	24876	Latest well:	28600
Site id:	PASI30000057337		

**U57
WNW
1/2 - 1 Mile
Higher**

PA WELLS PASI30000057485

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dep counter:	0	Siteid:	401058075205901
Transactio:	3	Local welln:	MG 1439
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLTOP	Well depth:	498
Elevation:	460		
Elev method:	Not Reported		
Accuracy of elev:	5	Hydrologic:	02040203
Latlong acc:	Not Reported	Quad code:	LANSDALE
Type of site:	WELL	Date created:	25-JUL-97
Date updated:	25-JUL-97		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	INTERPRETED FROM LOGS		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1827777778		
Longitude dd:	-75.3497222222		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-DEC-90	Pagwis id:	43901
Source site:	1	Local permit:	Not Reported
Latest owner:	43479	Driller sc:	0
Latest prod:	0	Latest well:	43901
Site id:	PASI30000057485		

**U58
WNW
1/2 - 1 Mile
Higher**

FED USGS USGS40001011797

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401058075205901		
Monloc name:	MG 1439		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1828841
Longitude:	-75.349346	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	460
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Locketong Formation		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	498
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1995-02-25	48.57	

S59
WSW
1/2 - 1 Mile
Lower

PA WELLS PASI30000056453

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7295N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	450
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1763888889		
Longitude dd:	-75.3491666667		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	20
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-APR-88	Pagwis id:	172195
Source site:	2	Local permit:	Not Reported
Latest owner:	171313	Driller sc:	0
Latest prod:	172288	Latest well:	173751
Site id:	PASI30000056453		

Q60
SSW
1/2 - 1 Mile
Lower

PA WELLS PASI30000055814

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7310N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLTOP	Well depth:	712
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1725		
Longitude dd:	-75.3441666667		
Well address:	Not Reported	Depth to bedrock:	49
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	172210
Date drilled:	01-JAN-88	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	171328	Latest well:	173766
Latest prod:	172303		
Site id:	PASI30000055814		

Q61
SSW
1/2 - 1 Mile
Lower

PA WELLS SPAW0127679

Well ID:	7310N	County	MONTGOMERY
Owner's Name:	DI MARCO N.	Longitude:	752039
Latitude:	401021	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLTOP
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	Not Reported
Well Depth:	712	Casing1 Diameter(inches):	Not Reported
Casing 1:	57	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	01-88
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	Not Reported
Yield (gpm):	Not Reported	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	512
Bedrock:	49	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE = HARD BROWN &
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

S62
WSW
1/2 - 1 Mile
Lower

PA WELLS SPAW0127664

Well ID:	7295N	County	MONTGOMERY
Owner's Name:	McGINN	Longitude:	752057
Latitude:	401035	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	450	Casing1 Diameter(inches):	Not Reported
Casing 1:	28	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	04-88
Grouted:	Yes	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	Not Reported	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	512
Bedrock:	20	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	YIELD = 1 QT. / ROCK TYPE =
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

U63
WNW
1/2 - 1 Mile
Higher

PA WELLS PASI30000057436

Dep counter:	0	Siteid:	401057075210001
Transactio:	3	Local welln:	MG 1428
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLTOP	Well depth:	110
Elevation:	456.690002441406		
Elev method:	Not Reported		
Accuracy of elev:	.01	Hydrologic:	02040203
Latlong acc:	Not Reported	Quad code:	LANSDALE
Type of site:	WELL	Date created:	24-JUL-97
Date updated:	24-JUL-97		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	USGS OR PAGS		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1825		
Longitude dd:	-75.35		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	17-AUG-88	Pagwis id:	43899
Source site:	1	Local permit:	Not Reported
Latest owner:	43477	Driller sc:	0
Latest prod:	45219	Latest well:	43899
Site id:	PASI30000057436		

U64
WNW
1/2 - 1 Mile
Higher

FED USGS USGS40001011783

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401057075210001		
Monloc name:	MG 1428		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1826063
Longitude:	-75.3496238	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	456.69
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Lockatong Formation		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	110
Construction date:	19880817	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1995-02-25	47.04	

**R65
NW
1/2 - 1 Mile
Lower**

FED USGS USGS40001011941

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401109075205201		
Monloc name:	MG 1522		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1859396
Longitude:	-75.3474013	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	419
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Locketong Formation		
Aquifer type:	Not Reported		
Construction date:	19860923	Welldepth:	350
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1995-07-21	22.86	

**R66
NW
1/2 - 1 Mile
Lower**

PA WELLS PASI30000058059

Dep counter:	0	Siteid:	401109075205201
Transactio:	3	Local welln:	MG 1522
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	350
Elevation:	419		
Elev method:	Not Reported		
Accuracy of elev:	5	Hydrologic:	02040203
Latlong acc:	Not Reported	Quad code:	LANSDALE
Type of site:	WELL	Date created:	24-JUL-97
Date updated:	24-JUL-97		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1858333333		
Longitude dd:	-75.3477777778		
Well address:	Not Reported	Depth to bedrock:	0
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	43910
Date drilled:	23-SEP-86	Local permit:	Not Reported
Source site:	1	Driller sc:	0
Latest owner:	43488	Latest well:	43910
Latest prod:	45227		
Site id:	PASI30000058059		

**T67
NNW
1/2 - 1 Mile
Lower**

PA WELLS PASI30000058441

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7336N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLTOP	Well depth:	732
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	LANSDALE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	03-FEB-99
Type of site:	WELL		
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1886111111		
Longitude dd:	-75.3430555556		
Well address:	Not Reported	Depth to bedrock:	34
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	172236
Date drilled:	01-DEC-86	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	171354	Latest well:	173792
Latest prod:	172329		
Site id:	PASI30000058441		

**T68
NNW
1/2 - 1 Mile
Lower**

PA WELLS SPAW0127705

Well ID:	7336N	County	MONTGOMERY
Owner's Name:	BURKEY D.	Longitude:	752035
Latitude:	401119	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLTOP
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	732	Casing1 Diameter(inches):	Not Reported
Casing 1:	42	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Not Reported	Date Drilled:	12-86
Static Water Level:	Not Reported	Production WL:	80
Yield (gpm):	4	Yield Measurement Method:	V
Drawdown:	Not Reported	Test Time:	Not Reported
Bedrock:	34	Driller:	512
Water Bearing Zone 1:	460	Water Bearing Zone 2:	530
Water Bearing Zone 3:	650	Lithology:	OTHER
Municipality:	WORCESTER	Remark:	DWBZ = 4)700 / ROCK TYPE =
Aquifer:	BRUNSWICK FORMATION		

V69
West
1/2 - 1 Mile
Lower

FED USGS USGS40001011651

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401047075210401		
Monloc name:	MG 1430		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1798286
Longitude:	-75.3507351	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	442.64
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Locketong Formation		
Aquifer type:	Not Reported		
Construction date:	1976	Welldepth:	304
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1995-02-26	17.76	

V70
West
1/2 - 1 Mile
Lower

PA WELLS PASI30000056949

Dep counter:	0	Siteid:	401047075210401
Transactio:	3	Local welln:	MG 1430
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	304
Elevation:	442.640014648438		
Elev method:	Not Reported		
Accuracy of elev:	.01	Hydrologic:	02040203
Latlong acc:	Not Reported	Quad code:	LANSDALE
Type of site:	WELL	Date created:	24-JUL-97
Date updated:	24-JUL-97		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	INTERPRETED FROM LOGS		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1797222222	Depth to bedrock:	0
Longitude dd:	-75.3511111111	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	43889
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01-JAN-76	Latest well:	43889
Source site:	1		
Latest owner:	43467		
Latest prod:	45211		
Site id:	PASI30000056949		

V71
West
1/2 - 1 Mile
Lower

FED USGS USGS40001011695

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401050075210501		
Monloc name:	MG 1431		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1806619
Longitude:	-75.3510128	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	449.82
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Lockatong Formation		
Aquifer type:	Not Reported		
Construction date:	1976	Welldepth:	133
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1995-02-25	24.49	

V72
West
1/2 - 1 Mile
Lower

PA WELLS PASI30000057079

Dep counter:	0	Siteid:	401050075210501
Transactio:	3	Local welln:	MG 1431
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	133
Elevation:	449.820007324219		
Elev method:	Not Reported		
Accuracy of elev:	.01	Hydrologic:	02040203
Latlong acc:	Not Reported	Quad code:	LANSDALE
Type of site:	WELL	Date created:	24-JUL-97
Date updated:	24-JUL-97		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	INTERPRETED FROM LOGS		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.180555556	Depth to bedrock:	0
Longitude dd:	-75.3513888889	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	43890
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01-JAN-76	Latest well:	43890
Source site:	1		
Latest owner:	43468		
Latest prod:	45212		
Site id:	PASI30000057079		

**W73
NW
1/2 - 1 Mile
Lower**

FED USGS USGS40001011989

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401113075205201		
Monloc name:	MG 1529		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1870507
Longitude:	-75.3474012	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	407
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Lockatong Formation		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	500
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1995-07-24	62.6	

**W74
NW
1/2 - 1 Mile
Lower**

PA WELLS PASI30000058213

Dep counter:	0	Siteid:	401113075205201
Transactio:	3	Local welln:	MG 1529
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	500
Elevation:	407		
Elev method:	Not Reported		
Accuracy of elev:	5	Hydrologic:	02040203
Latlong acc:	Not Reported	Quad code:	LANSDALE
Type of site:	WELL	Date created:	24-JUL-97
Date updated:	24-JUL-97		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	WELL OWNER		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1869444444	Depth to bedrock:	0
Longitude dd:	-75.3477777778	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	43913
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01-APR-89	Latest well:	43913
Source site:	1		
Latest owner:	43491		
Latest prod:	45229		
Site id:	PASI30000058213		

X75
SW
1/2 - 1 Mile
Lower

PA WELLS PASI30000055813

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7354N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	500
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	LANSDALE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	03-FEB-99
Type of site:	WELL		
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1725		
Longitude dd:	-75.3466666667		
Well address:	Not Reported	Depth to bedrock:	11
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	172254
Date drilled:	01-NOV-85	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	171372	Latest well:	173810
Latest prod:	172347		
Site id:	PASI30000055813		

X76
SW
1/2 - 1 Mile
Lower

PA WELLS SPAW0127723

Well ID:	7354N	County	MONTGOMERY
Owner's Name:	BEYER SKIP	Longitude:	752048
Latitude:	401021	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	500	Casing1 Diameter(inches):	Not Reported
Casing 1:	30	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Yes	Date Drilled:	11-85
Static Water Level:	Not Reported	Production WL:	26
Yield (gpm):	1.75	Yield Measurement Method:	E
Drawdown:	Not Reported	Test Time:	0.25
Bedrock:	11	Driller:	121
Water Bearing Zone 1:	270	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 3:	Not Reported	Lithology:	OTHER
Municipality:	WORCESTER	Remark:	ROCK TYPE = BLUEROCK
Aquifer:	LOCKATONG FORMATION		

Y77
SE
1/2 - 1 Mile
Lower

FED USGS USGS40001011465

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401029075194301		
Monloc name:	MG 473		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1748292
Longitude:	-75.3282347	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	350
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Lockatong Formation		
Aquifer type:	Not Reported		
Construction date:	19500501	Welldepth:	120
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

Y78
SE
1/2 - 1 Mile
Lower

PA WELLS PASI30000056191

Dep counter:	0	Siteid:	401029075194301
Transactio:	1	Local welln:	MG 473
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	120
Elevation:	350		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	LANSDALE
Type of site:	WELL	Date created:	26-FEB-77
Date updated:	03-MAR-90		
Data Reliability:	NOT FLD CHECKED, RPRTING AGENCY CONSIDERS IT OK (DEP WSM, WWI web)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1747222222	Depth to bedrock:	0
Longitude dd:	-75.3286111111	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	27743
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01-MAY-50	Latest well:	27743
Source site:	1		
Latest owner:	27507		
Latest prod:	24200		
Site id:	PASI30000056191		

Z79
WNW
1/2 - 1 Mile
Lower

PA WELLS PASI30000057631

Dep counter:	0	Siteid:	401100075210401
Transactio:	3	Local welln:	MG 1429
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLTOP	Well depth:	160
Elevation:	461.579986572266		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	.01	Quad code:	LANSDALE
Latlong acc:	Not Reported	Date created:	24-JUL-97
Type of site:	WELL		
Date updated:	24-JUL-97		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1833333333		
Longitude dd:	-75.3511111111		
Well address:	Not Reported	Depth to bedrock:	0
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	43904
Date drilled:	17-AUG-88	Local permit:	Not Reported
Source site:	1	Driller sc:	0
Latest owner:	43482	Latest well:	43904
Latest prod:	45223		
Site id:	PASI30000057631		

Z80
WNW
1/2 - 1 Mile
Lower

FED USGS USGS40001011826

Org. Identifier:	USGS-PA	Drainagearea value:	Not Reported
Formal name:	USGS Pennsylvania Water Science Center	Contrib drainagearea:	Not Reported
Monloc Identifier:	USGS-401100075210401	Latitude:	40.1834396
Monloc name:	MG 1429	Sourcemap scale:	24000
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203		
Drainagearea Units:	Not Reported		
Contrib drainagearea units:	Not Reported		
Longitude:	-75.3507349		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	461.58
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Lockatong Formation		
Aquifer type:	Not Reported		
Construction date:	19880817	Welldepth:	160
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1996-04-12	47.47	

**W81
NW
1/2 - 1 Mile
Lower**

PA WELLS SPAW0127611

Well ID:	7241N	County	MONTGOMERY
Owner's Name:	BORZILLO R.	Longitude:	752051
Latitude:	401115	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLTOP
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	488	Casing1 Diameter(inches):	Not Reported
Casing 1:	60	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	07-90
Grouted:	Yes	Production WL:	10
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	2	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1959
Bedrock:	4	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	100	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE = BLUESTONE
Municipality:	WORCESTER		
Aquifer:	BRUNSWICK FORMATION		

**W82
NW
1/2 - 1 Mile
Lower**

PA WELLS PASI30000058284

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7241N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLTOP	Well depth:	488
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	LANSDALE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	03-FEB-99
Type of site:	WELL		
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1875	Depth to bedrock:	4
Longitude dd:	-75.3475	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	172142
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01-JUL-90	Latest well:	173698
Source site:	2		
Latest owner:	171261		
Latest prod:	172235		
Site id:	PASI30000058284		

V83
West
1/2 - 1 Mile
Lower

PA WELLS SPAW0127696

Well ID:	7327N	County	MONTGOMERY
Owner's Name:	TUCCI CONSTRUCTION	Longitude:	752107
Latitude:	401045	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	900	Casing1 Diameter(inches):	Not Reported
Casing 1:	40	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	09-87
Grouted:	Yes	Production WL:	120
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	1	Test Time:	0.5
Drawdown:	Not Reported	Driller:	121
Bedrock:	12	Water Bearing Zone 2:	830
Water Bearing Zone 1:	740	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE = BLUE ROCK
Municipality:	WORCESTER		
Aquifer:	BRUNSWICK FORMATION		

V84
West
1/2 - 1 Mile
Lower

PA WELLS SPAW0127694

Well ID:	7325N	County	MONTGOMERY
Owner's Name:	TUCCI CONSTRUCTION	Longitude:	752107
Latitude:	401044	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	840	Casing1 Diameter(inches):	Not Reported
Casing 1:	40	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	08-87
Grouted:	Yes	Production WL:	45
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	0.5	Test Time:	0.33
Drawdown:	Not Reported	Driller:	121
Bedrock:	18	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	123	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE = BLUE ROCK
Municipality:	WORCESTER		
Aquifer:	BRUNSWICK FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

V85
West
1/2 - 1 Mile
Lower

PA WELLS PASI30000056850

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7327N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	900
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1791666667		
Longitude dd:	-75.3519444444		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	12
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-SEP-87	Pagwis id:	172227
Source site:	2	Local permit:	Not Reported
Latest owner:	171345	Driller sc:	0
Latest prod:	172320	Latest well:	173783
Site id:	PASI30000056850		

V86
West
1/2 - 1 Mile
Lower

PA WELLS PASI30000056804

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7325N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	840
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1788888889		
Longitude dd:	-75.3519444444		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	18
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-AUG-87	Pagwis id:	172225
Source site:	2	Local permit:	Not Reported
Latest owner:	171343	Driller sc:	0
Latest prod:	172318	Latest well:	173781

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000056804

AA87
West
1/2 - 1 Mile
Lower

PA WELLS PASI30000057078

Dep counter:	0	Siteid:	401050075210801
Transactio:	3	Local welln:	MG 1433
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLTOP	Well depth:	95
Elevation:	458.070007324219		
Elev method:	Not Reported		
Accuracy of elev:	.01	Hydrologic:	02040203
Latlong acc:	Not Reported	Quad code:	LANSDALE
Type of site:	WELL	Date created:	24-JUL-97
Date updated:	24-JUL-97		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1805555556		
Longitude dd:	-75.3522222222		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	27-NOV-90	Pagwis id:	43891
Source site:	1	Local permit:	Not Reported
Latest owner:	43469	Driller sc:	0
Latest prod:	45213	Latest well:	43891
Site id:	PASI30000057078		

AA88
West
1/2 - 1 Mile
Lower

FED USGS USGS40001011696

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401050075210801		
Monloc name:	MG 1433		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1806619
Longitude:	-75.3518462	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	458.07
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Lockatong Formation		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	95
Construction date:	19901127	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1996-04-12	22.85	

V89
West
1/2 - 1 Mile
Lower

PA WELLS SPAW0127697

Well ID:	7328N	County	MONTGOMERY
Owner's Name:	TUCCI CONSTRUCTION	Longitude:	752108
Latitude:	401045	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	875	Casing1 Diameter(inches):	Not Reported
Casing 1:	40	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	09-87
Grouted:	Yes	Production WL:	150
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	10	Test Time:	0.5
Drawdown:	Not Reported	Driller:	121
Bedrock:	16	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	850	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE = BLUE ROCK
Municipality:	WORCESTER		
Aquifer:	BRUNSWICK FORMATION		

V90
West
1/2 - 1 Mile
Lower

PA WELLS PASI30000056849

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7328N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	875
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	LANSDALE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	03-FEB-99
Type of site:	WELL		
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1791666667	Depth to bedrock:	16
Longitude dd:	-75.3522222222	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	172228
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01-SEP-87	Latest well:	173784
Source site:	2		
Latest owner:	171346		
Latest prod:	172321		
Site id:	PASI30000056849		

AB91
West
1/2 - 1 Mile
Lower

PA WELLS SPAW0127695

Well ID:	7326N	County:	MONTGOMERY
Owner's Name:	TUCCI CONSTRUCTION	Longitude:	752108
Latitude:	401044	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	850	Casing1 Diameter(inches):	Not Reported
Casing 1:	40	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	09-87
Grouted:	Yes	Production WL:	80
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	7	Test Time:	0.5
Drawdown:	Not Reported	Driller:	121
Bedrock:	19	Water Bearing Zone 2:	835
Water Bearing Zone 1:	380	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE = BLUE ROCK
Municipality:	WORCESTER		
Aquifer:	BRUNSWICK FORMATION		

AB92
West
1/2 - 1 Mile
Lower

PA WELLS PASI30000056803

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7326N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	850
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.178888889	Depth to bedrock:	19
Longitude dd:	-75.352222222	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	172226
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01-SEP-87	Latest well:	173782
Source site:	2		
Latest owner:	171344		
Latest prod:	172319		
Site id:	PASI30000056803		

AB93
West
1/2 - 1 Mile
Lower

PA WELLS SPAW0127698

Well ID:	7329N	County:	MONTGOMERY
Owner's Name:	TUCCI CONSTRUCTION	Longitude:	752109
Latitude:	401045	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	1000	Casing1 Diameter(inches):	Not Reported
Casing 1:	40	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-87
Grouted:	Yes	Production WL:	250
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	1	Test Time:	0.5
Drawdown:	Not Reported	Driller:	121
Bedrock:	14	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	950	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE = RED & BLUE ROCK
Municipality:	WORCESTER		
Aquifer:	BRUNSWICK FORMATION		

AB94
West
1/2 - 1 Mile
Lower

PA WELLS PASI30000056848

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7329N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	1000
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1791666667	Depth to bedrock:	14
Longitude dd:	-75.3525	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	172229
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01-OCT-87	Latest well:	173785
Source site:	2		
Latest owner:	171347		
Latest prod:	172322		
Site id:	PASI30000056848		

AA95
West
1/2 - 1 Mile
Higher

PA WELLS SPAW0127745

Well ID:	7376N	County	MONTGOMERY
Owner's Name:	ERM	Longitude:	752112
Latitude:	401051	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	110	Casing1 Diameter(inches):	Not Reported
Casing 1:	Not Reported	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	08-88
Grouted:	Yes	Production WL:	110
Static Water Level:	65	Yield Measurement Method:	V
Yield (gpm):	1.25	Test Time:	0.5
Drawdown:	45	Driller:	188
Bedrock:	8	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	90	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	CAS LEN=26'1 - DIA=6.25
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

AA96
West
1/2 - 1 Mile
Higher

PA WELLS PASI30000057145

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7376N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	110
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1808333333	Depth to bedrock:	8
Longitude dd:	-75.3533333333	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	172276
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01-AUG-88	Latest well:	173832
Source site:	2		
Latest owner:	171393		
Latest prod:	172369		
Site id:	PASI30000057145		

**AC97
WNW
1/2 - 1 Mile
Higher**

PA WELLS SPAW0127744

Well ID:	7375N	County	MONTGOMERY
Owner's Name:	ERM	Longitude:	752112
Latitude:	401057	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	122	Casing1 Diameter(inches):	Not Reported
Casing 1:	Not Reported	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	08-88
Grouted:	Yes	Production WL:	122
Static Water Level:	85	Yield Measurement Method:	V
Yield (gpm):	2.75	Test Time:	0.5
Drawdown:	37	Driller:	188
Bedrock:	14	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	96	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	CAS LEN=23'1 - DIA=6.25 /
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

**AC98
WNW
1/2 - 1 Mile
Higher**

PA WELLS PASI30000057435

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7375N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	122
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1825		
Longitude dd:	-75.3533333333		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	14
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-AUG-88	Pagwis id:	172275
Source site:	2	Local permit:	Not Reported
Latest owner:	171392	Driller sc:	0
Latest prod:	172368	Latest well:	173831
Site id:	PASI30000057435		

AD99
West
1/2 - 1 Mile
Higher

PA WELLS SPAW0127746

Well ID:	7377N	County	MONTGOMERY
Owner's Name:	ERM	Longitude:	752113
Latitude:	401052	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	160	Casing1 Diameter(inches):	Not Reported
Casing 1:	23	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	08-88
Grouted:	Yes	Production WL:	160
Static Water Level:	155	Yield Measurement Method:	V
Yield (gpm):	0.25	Test Time:	0.5
Drawdown:	5	Driller:	188
Bedrock:	3	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	89	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	CAS DIA = 6.25 / WLBT =
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

AD100
West
1/2 - 1 Mile
Higher

PA WELLS SPAW0127747

Well ID:	7378N	County	MONTGOMERY
Owner's Name:	ERM	Longitude:	752113
Latitude:	401052	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	110	Casing1 Diameter(inches):	Not Reported
Casing 1:	Not Reported	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	08-88
Grouted:	Yes	Production WL:	110
Static Water Level:	97	Yield Measurement Method:	V
Yield (gpm):	1.5	Test Time:	0.5
Drawdown:	13	Driller:	188
Bedrock:	18	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	90	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	CAS LEN=36'8 - DIA=6.25 /
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

AD101
West
1/2 - 1 Mile
Higher

PA WELLS PASI30000057201

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7377N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	160
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1811111111		
Longitude dd:	-75.3536111111		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	3
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-AUG-88	Pagwis id:	172277
Source site:	2	Local permit:	Not Reported
Latest owner:	171394	Driller sc:	0
Latest prod:	172370	Latest well:	173833
Site id:	PASI30000057201		

AD102
West
1/2 - 1 Mile
Higher

PA WELLS PASI30000057202

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7378N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	110
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1811111111		
Longitude dd:	-75.3536111111		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	18
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-AUG-88	Pagwis id:	172278
Source site:	2	Local permit:	Not Reported
Latest owner:	171395	Driller sc:	0
Latest prod:	172371	Latest well:	173834

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000057202

AC103
West
1/2 - 1 Mile
Higher

FED USGS USGS40001011748

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401054075211301		
Monloc name:	MG 1432		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1817729
Longitude:	-75.353235	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	470.25
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Locketong Formation		
Aquifer type:	Not Reported		
Construction date:	19760914	Welldepth:	913
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----	-----	-----
1995-02-21	63.77	

AC104
West
1/2 - 1 Mile
Higher

PA WELLS PASI30000057294

Dep counter:	0	Siteid:	401054075211301
Transactio:	3	Local welln:	MG 1432
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLTOP	Well depth:	913
Elevation:	470.25		
Elev method:	Not Reported		
Accuracy of elev:	.01	Hydrologic:	02040203
Latlong acc:	Not Reported	Quad code:	LANSDALE
Type of site:	WELL	Date created:	24-JUL-97
Date updated:	24-JUL-97		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1816666667	Depth to bedrock:	0
Longitude dd:	-75.3536111111	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	43896
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	14-SEP-76	Latest well:	43896
Source site:	1		
Latest owner:	43474		
Latest prod:	0		
Site id:	PASI30000057294		

AE105
SSW
1/2 - 1 Mile
Lower

PA WELLS SPAW0127750

Well ID:	7484N	County	MONTGOMERY
Owner's Name:	GILL QUARRIES	Longitude:	752033
Latitude:	401009	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	830	Casing1 Diameter(inches):	6
Casing 1:	42	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	11-88
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	30	Yield Measurement Method:	E
Yield (gpm):	1	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	462
Bedrock:	12	Water Bearing Zone 2:	800
Water Bearing Zone 1:	420	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE: TRAPROCK
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

AF106
NNW
1/2 - 1 Mile
Lower

PA WELLS PASI30000058711

Dep counter:	0	Siteid:	401126075204201
Transactio:	3	Local welln:	MG 1518
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	355
Elevation:	345		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	5	Quad code:	LANSDALE
Latlong acc:	Not Reported	Date created:	24-JUL-97
Type of site:	WELL		
Date updated:	24-JUL-97		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	WELL OWNER		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.190555556	Depth to bedrock:	0
Longitude dd:	-75.345	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	43921
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01-MAR-90	Latest well:	43921
Source site:	1		
Latest owner:	43498		
Latest prod:	0		
Site id:	PASI30000058711		

AF107
NNW
1/2 - 1 Mile
Lower

FED USGS USGS40001012139

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401126075204201		
Monloc name:	MG 1518		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1906618
Longitude:	-75.3446232	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	345
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Lockatong Formation		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	355
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1995-07-20	83.8	

AE108
SSW
1/2 - 1 Mile
Lower

PA WELLS PASI30000055289

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7484N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	830
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1691666667	Depth to bedrock:	12
Longitude dd:	-75.3425	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	172281
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01-NOV-88	Latest well:	173837
Source site:	2		
Latest owner:	171398		
Latest prod:	172374		
Site id:	PASI30000055289		

AD109

West
1/2 - 1 Mile
Higher

PA WELLS

PASI30000057077

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7217N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	160
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	LANSDALE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	03-FEB-99
Type of site:	WELL		
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1805555556		
Longitude dd:	-75.3538888889		
Well address:	Not Reported	Depth to bedrock:	0
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	172118
Date drilled:	01-DEC-90	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	171237	Latest well:	173674
Latest prod:	172211		
Site id:	PASI30000057077		

AC110

WNW
1/2 - 1 Mile
Higher

PA WELLS

SPAW0127820

Well ID:	X 2903	County	MONTGOMERY
Owner's Name:	TRANSCOIL INC	Longitude:	752113
Latitude:	401057	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	INDUSTRIAL	Finish:	OPEN HOLE
Well Depth:	913	Casing1 Diameter(inches):	6
Casing 1:	21	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Not Reported	Date Drilled:	00-00-00
Static Water Level:	70	Production WL:	Not Reported
Yield (gpm):	15	Yield Measurement Method:	Not Reported
Drawdown:	Not Reported	Test Time:	Not Reported
Bedrock:	8	Driller:	0512
Water Bearing Zone 1:	214	Water Bearing Zone 2:	370
Water Bearing Zone 3:	Not Reported	Lithology:	Not Reported
Municipality:	WORCESTER	Remark:	1743
Aquifer:	BRUNSWICK FORMATION		

AD111
West
1/2 - 1 Mile
Higher

PA WELLS SPAW0127587

Well ID:	7217N	County	MONTGOMERY
Owner's Name:	TRANSCOIL	Longitude:	752114
Latitude:	401050	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	160	Casing1 Diameter(inches):	8
Casing 1:	119	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	12-90
Grouted:	Yes	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	Not Reported
Yield (gpm):	1	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	514
Bedrock:	Not Reported	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	TEST YIELD METHOD = E & V
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

AD112
West
1/2 - 1 Mile
Higher

PA WELLS PASI30000057144

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7219N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	150
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	LANSDALE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	03-FEB-99
Type of site:	WELL		
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1808333333	Depth to bedrock:	5
Longitude dd:	-75.3538888889	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	172120
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01-DEC-90	Latest well:	173676
Source site:	2		
Latest owner:	171239		
Latest prod:	172213		
Site id:	PASI30000057144		

**AC113
WNW
1/2 - 1 Mile
Higher**

FED USGS USGS40001011784

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401057075211301		
Monloc name:	MG 1427		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1826062
Longitude:	-75.353235	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	462.59
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Locketong Formation		
Aquifer type:	Not Reported		
Construction date:	19880816	Welldepth:	160
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1995-02-23	57.72	

**AC114
WNW
1/2 - 1 Mile
Higher**

PA WELLS PASI30000057433

Dep counter:	0	Siteid:	401057075211301
Transactio:	3	Local welln:	MG 1427
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLTOP	Well depth:	160
Elevation:	462.589996337891		
Elev method:	Not Reported		
Accuracy of elev:	.01	Hydrologic:	02040203
Latlong acc:	Not Reported	Quad code:	LANSDALE
Type of site:	WELL	Date created:	24-JUL-97
Date updated:	24-JUL-97		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1825		
Longitude dd:	-75.3536111111		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	16-AUG-88	Pagwis id:	43900
Source site:	1	Local permit:	Not Reported
Latest owner:	43478	Driller sc:	0
Latest prod:	45220	Latest well:	43900
Site id:	PASI30000057433		

AC115
WNW
1/2 - 1 Mile
Higher

PA WELLS PASI30000057434

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 2903
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	913
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	Not Reported
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1825		
Longitude dd:	-75.3536111111		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	8
Bedrock not:	0	Saltwaterz:	0
Date drilled:	16-AUG-88	Pagwis id:	172351
Source site:	2	Local permit:	Not Reported
Latest owner:	171468	Driller sc:	0
Latest prod:	172443	Latest well:	173905
Site id:	PASI30000057434		

AD116
West
1/2 - 1 Mile
Higher

PA WELLS SPAW0127589

Well ID:	7219N	County	MONTGOMERY
Owner's Name:	TRANSCOIL	Longitude:	752114
Latitude:	401051	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	SCREEN
Well Depth:	150	Casing1 Diameter(inches):	8
Casing 1:	136	Casing2 Diameter(inches):	4
Casing2:	130		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Yes	Date Drilled:	12-90
Static Water Level:	Not Reported	Production WL:	Not Reported
Yield (gpm):	1	Yield Measurement Method:	Not Reported
Drawdown:	Not Reported	Test Time:	Not Reported
Bedrock:	5	Driller:	514
Water Bearing Zone 1:	Not Reported	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 3:	Not Reported	Lithology:	SHALE
Municipality:	WORCESTER	Remark:	TEST YIELD METHOD = E & V
Aquifer:	LOCKATONG FORMATION		

AD117
West
1/2 - 1 Mile
Higher

PA WELLS PASI30000057200

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7221N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	95
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1811111111		
Longitude dd:	-75.3538888889		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	35
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-NOV-90	Pagwis id:	172122
Source site:	2	Local permit:	Not Reported
Latest owner:	171241	Driller sc:	0
Latest prod:	172215	Latest well:	173678
Site id:	PASI30000057200		

AD118
West
1/2 - 1 Mile
Higher

PA WELLS SPAW0127591

Well ID:	7221N	County	MONTGOMERY
Owner's Name:	TRANSCOIL	Longitude:	752114
Latitude:	401052	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	SCREEN
Well Depth:	95	Casing1 Diameter(inches):	8
Casing 1:	42	Casing2 Diameter(inches):	4
Casing2:	75		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Yes	Date Drilled:	11-90
Static Water Level:	Not Reported	Production WL:	Not Reported
Yield (gpm):	2	Yield Measurement Method:	Not Reported
Drawdown:	Not Reported	Test Time:	Not Reported
Bedrock:	35	Driller:	514
Water Bearing Zone 1:	85	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 3:	Not Reported	Lithology:	SHALE
Municipality:	WORCESTER	Remark:	TEST YIELD METHOD = E & V
Aquifer:	LOCKATONG FORMATION		

AD119
West
1/2 - 1 Mile
Higher

PA WELLS PASI30000057248

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7379N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	160
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1813888889		
Longitude dd:	-75.3538888889		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	7
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-AUG-88	Pagwis id:	172279
Source site:	2	Local permit:	Not Reported
Latest owner:	171396	Driller sc:	0
Latest prod:	172372	Latest well:	173835
Site id:	PASI30000057248		

AD120
West
1/2 - 1 Mile
Higher

PA WELLS PASI30000057249

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7380N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	90
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1813888889	Depth to bedrock:	13
Longitude dd:	-75.3538888889	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	172280
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01-AUG-88	Latest well:	173836
Source site:	2		
Latest owner:	171397		
Latest prod:	172373		
Site id:	PASI30000057249		

AD121
West
1/2 - 1 Mile
Higher

PA WELLS SPAW0127748

Well ID:	7379N	County	MONTGOMERY
Owner's Name:	ERM	Longitude:	752114
Latitude:	401053	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	160	Casing1 Diameter(inches):	Not Reported
Casing 1:	Not Reported	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	08-88
Grouted:	Yes	Production WL:	160
Static Water Level:	107	Yield Measurement Method:	V
Yield (gpm):	0.25	Test Time:	0.5
Drawdown:	53	Driller:	188
Bedrock:	7	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	113	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	CAS LEN=33'2 - DIA=6.25
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

AD122
West
1/2 - 1 Mile
Higher

PA WELLS SPAW0127749

Well ID:	7380N	County	MONTGOMERY
Owner's Name:	ERM	Longitude:	752114
Latitude:	401053	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	90	Casing1 Diameter(inches):	Not Reported
Casing 1:	Not Reported	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	08-88
Grouted:	Yes	Production WL:	90
Static Water Level:	81	Yield Measurement Method:	V
Yield (gpm):	1	Test Time:	0.5
Drawdown:	9	Driller:	188
Bedrock:	13	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	66	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	CAS LEN=23'1 - DIA=6.25 /
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

AD123
West
1/2 - 1 Mile
Higher

PA WELLS PASI30000057076

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7218N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	107
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1805555556		
Longitude dd:	-75.3541666667		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	7
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-DEC-90	Pagwis id:	172119
Source site:	2	Local permit:	Not Reported
Latest owner:	171238	Driller sc:	0
Latest prod:	172212	Latest well:	173675
Site id:	PASI30000057076		

AD124
West
1/2 - 1 Mile
Higher

PA WELLS PASI30000057143

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7220N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	92
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1808333333		
Longitude dd:	-75.3541666667		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	16
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-NOV-90	Pagwis id:	172121
Source site:	2	Local permit:	Not Reported
Latest owner:	171240	Driller sc:	0
Latest prod:	172214	Latest well:	173677

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000057143

AD125
West
1/2 - 1 Mile
Higher

PA WELLS SPAW0127588

Well ID:	7218N	County:	MONTGOMERY
Owner's Name:	TRANSCOIL	Longitude:	752115
Latitude:	401050	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	SCREEN
Well Depth:	107	Casing1 Diameter(inches):	8
Casing 1:	21.5	Casing2 Diameter(inches):	4
Casing2:	87	Date Drilled:	12-90
Grouted:	Yes	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	Not Reported
Yield (gpm):	1	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	514
Bedrock:	7	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	TEST YIELD METHOD = E & V
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

AD126
West
1/2 - 1 Mile
Higher

PA WELLS PASI30000057199

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7222N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	72
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	LANSDALE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	03-FEB-99
Type of site:	WELL		
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1811111111		
Longitude dd:	-75.3541666667		
Well address:	Not Reported	Depth to bedrock:	30
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	172123
Date drilled:	01-NOV-90	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	171242	Latest well:	173679
Latest prod:	172216		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000057199

AD127
West
1/2 - 1 Mile
Higher

PA WELLS SPAW0127590

Well ID:	7220N	County:	MONTGOMERY
Owner's Name:	TRANSCOIL	Longitude:	752115
Latitude:	401051	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	SCREEN
Well Depth:	92	Casing1 Diameter(inches):	8
Casing 1:	21	Casing2 Diameter(inches):	4
Casing2:	72	Date Drilled:	11-90
Grouted:	Yes	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	Not Reported
Yield (gpm):	2	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	514
Bedrock:	16	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	82	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	TEST YIELD METHOD = E & V
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

AD128
West
1/2 - 1 Mile
Higher

PA WELLS SPAW0127592

Well ID:	7222N	County:	MONTGOMERY
Owner's Name:	TRANSCOIL	Longitude:	752115
Latitude:	401052	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	SCREEN
Well Depth:	72	Casing1 Diameter(inches):	8
Casing 1:	36.5	Casing2 Diameter(inches):	4
Casing2:	52	Date Drilled:	11-90
Grouted:	Yes	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	Not Reported
Yield (gpm):	2	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	514
Bedrock:	30	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	65	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	TEST YIELD METHOD = E & V
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

AG129
SW
1/2 - 1 Mile
Lower

PA WELLS PASI30000055812

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 1989
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	399
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	Not Reported
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	EAST NORRITON TWP.		
Latitude dd:	40.1725		
Longitude dd:	-75.3505555556		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	3
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-FEB-84	Pagwis id:	165868
Source site:	2	Local permit:	Not Reported
Latest owner:	165003	Driller sc:	0
Latest prod:	166019	Latest well:	167588
Site id:	PASI30000055812		

AG130
SW
1/2 - 1 Mile
Lower

PA WELLS SPAW0121336

Well ID:	X 1989	County	MONTGOMERY
Owner's Name:	GILL QUARRIES	Longitude:	752102
Latitude:	401021	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	399	Casing1 Diameter(inches):	6
Casing 1:	32	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-00
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	110	Yield Measurement Method:	Not Reported
Yield (gpm):	6	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	0462
Bedrock:	3	Water Bearing Zone 1:	378
Water Bearing Zone 1:	335	Lithology:	Not Reported
Water Bearing Zone 3:	Not Reported	Remark:	1743
Municipality:	EAST NORRITON		
Aquifer:	LOCKATONG FORMATION		

AD131
West
1/2 - 1 Mile
Higher

PA WELLS PASI30000057198

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7223N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	125
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1811111111		
Longitude dd:	-75.3544444444		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	5
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-DEC-90	Pagwis id:	172124
Source site:	2	Local permit:	Not Reported
Latest owner:	171243	Driller sc:	0
Latest prod:	172217	Latest well:	173680
Site id:	PASI30000057198		

AD132
West
1/2 - 1 Mile
Higher

PA WELLS SPAW0127593

Well ID:	7223N	County	MONTGOMERY
Owner's Name:	TRANSCOIL	Longitude:	752116
Latitude:	401052	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	SCREEN
Well Depth:	125	Casing1 Diameter(inches):	8
Casing 1:	21	Casing2 Diameter(inches):	4
Casing2:	105	Date Drilled:	12-90
Grouted:	Yes	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	Not Reported
Yield (gpm):	1	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	514
Bedrock:	5	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	115	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	TEST YIELD METHOD = E & V
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

AD133
West
1/2 - 1 Mile
Higher

PA WELLS PASI30000057075

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dep counter:	0	Siteid:	401050075211701
Transactio:	3	Local welln:	MG 1434
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLTOP	Well depth:	72
Elevation:	473.799987792969		
Elev method:	Not Reported		
Accuracy of elev:	.01	Hydrologic:	02040203
Latlong acc:	Not Reported	Quad code:	LANSDALE
Type of site:	WELL	Date created:	24-JUL-97
Date updated:	24-JUL-97		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1805555556		
Longitude dd:	-75.3547222222		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-NOV-90	Pagwis id:	43892
Source site:	1	Local permit:	Not Reported
Latest owner:	43470	Driller sc:	0
Latest prod:	45214	Latest well:	43892
Site id:	PASI30000057075		

AD134
West
1/2 - 1 Mile
Higher

FED USGS USGS40001011697

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401050075211701		
Monloc name:	MG 1434		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1806618
Longitude:	-75.3543463	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	473.80
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Locketong Formation		
Aquifer type:	Not Reported		
Construction date:	199011	Welldepth:	72
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1995-07-27	38.29	

AH135
WSW
1/2 - 1 Mile
Lower

FED USGS USGS40001011541

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401037075211501		
Monloc name:	MG 1520		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1770508
Longitude:	-75.3537909	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	435
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Lockatong Formation		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1995-07-21	53.26	

AH136
WSW
1/2 - 1 Mile
Lower

PA WELLS PASI30000056519

Dep counter:	0	Siteid:	401037075211501
Transactio:	3	Local welln:	MG 1520
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	0
Elevation:	435		
Elev method:	Not Reported		
Accuracy of elev:	5	Hydrologic:	02040203
Latlong acc:	Not Reported	Quad code:	LANSDALE
Type of site:	WELL	Date created:	24-JUL-97
Date updated:	24-JUL-97		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	Not Reported		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1769444444		
Longitude dd:	-75.3541666667		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-OCT-79	Pagwis id:	43885
Source site:	1	Local permit:	Not Reported
Latest owner:	43463	Driller sc:	0
Latest prod:	0	Latest well:	43885
Site id:	PASI30000056519		

**AI137
WNW
1/2 - 1 Mile
Lower**

FED USGS USGS40001011960

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401110075211001		
Monloc name:	MG 450		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1862173
Longitude:	-75.3524014	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	410
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Brunswick Formation		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	175
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**AI138
WNW
1/2 - 1 Mile
Lower**

PA WELLS PASI30000058101

Dep counter:	0	Siteid:	401110075211001
Transactio:	1	Local welln:	MG 450
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	175
Elevation:	410		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	LANSDALE
Type of site:	WELL	Date created:	26-FEB-77
Date updated:	03-MAR-90		
Data Reliability:	NOT FLD CHECKED, RPRTING AGENCY CONSIDERS IT OK (DEP WSM, WWI web)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1861111111		
Longitude dd:	-75.3527777778		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	22-JUL-97	Pagwis id:	27851
Source site:	1	Local permit:	Not Reported
Latest owner:	27614	Driller sc:	0
Latest prod:	0	Latest well:	27851
Site id:	PASI30000058101		

AI139
WNW
1/2 - 1 Mile
Lower

PA WELLS PASI30000058017

Dep counter:	0	Siteid:	401108075211201
Transactio:	1	Local welln:	MG 467
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	225
Elevation:	420		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	LANSDALE
Type of site:	WELL	Date created:	26-FEB-77
Date updated:	03-MAR-90		
Data Reliability:	NOT FLD CHECKED, RPRTING AGENCY CONSIDERS IT OK (DEP WSM, WWI web)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1855555556		
Longitude dd:	-75.3533333333		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-JAN-49	Pagwis id:	27844
Source site:	1	Local permit:	Not Reported
Latest owner:	27607	Driller sc:	0
Latest prod:	0	Latest well:	27844
Site id:	PASI30000058017		

AJ140
ESE
1/2 - 1 Mile
Lower

PA WELLS PASI30000056359

Dep counter:	0	Siteid:	401033075192701
Transactio:	1	Local welln:	MG 468
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	255
Elevation:	360		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	LANSDALE
Type of site:	WELL	Date created:	26-FEB-77
Date updated:	03-MAR-90		
Data Reliability:	NOT FLD CHECKED, RPRTING AGENCY CONSIDERS IT OK (DEP WSM, WWI web)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1758333333	Depth to bedrock:	0
Longitude dd:	-75.3241666667	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	27754
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01-FEB-88	Latest well:	27754
Source site:	1		
Latest owner:	27518		
Latest prod:	24207		
Site id:	PASI30000056359		

AJ141
ESE
1/2 - 1 Mile
Lower

FED USGS USGS40001011503

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401033075192701		
Monloc name:	MG 468		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1759404
Longitude:	-75.32379	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	360
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Lockatong Formation		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	255
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1956-09-05	26.00	

AK142
NE
1/2 - 1 Mile
Lower

PA WELLS PASI30000058285

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 2907
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	220
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	Not Reported
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1875		
Longitude dd:	-75.3261111111		
Well address:	Not Reported	Depth to bedrock:	21
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	172355
Date drilled:	01-JUL-90	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	171472	Latest well:	173909
Latest prod:	172447		
Site id:	PASI30000058285		

AL143
East
1/2 - 1 Mile
Lower

PA WELLS SPAW0127629

Well ID:	7259N	County	MONTGOMERY
Owner's Name:	CENTER SQ. GOLF	Longitude:	751923
Latitude:	401054	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	VALLEY FLAT
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	IRRIGATION	Finish:	OPEN HOLE
Well Depth:	610	Casing1 Diameter(inches):	Not Reported
Casing 1:	42	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	02-89
Grouted:	Yes	Production WL:	6
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	27	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	512
Bedrock:	30	Water Bearing Zone 2:	100
Water Bearing Zone 1:	85	Lithology:	SHALE
Water Bearing Zone 3:	120	Remark:	Not Reported
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

AK144
NE
1/2 - 1 Mile
Lower

PA WELLS SPAW0127824

Well ID:	X 2907	County	MONTGOMERY
Owner's Name:	LDRS	Longitude:	751934
Latitude:	401115	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	220	Casing1 Diameter(inches):	6
Casing 1:	31	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-00
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	63	Yield Measurement Method:	Not Reported
Yield (gpm):	5	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	0512
Bedrock:	21	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	210	Lithology:	Not Reported
Water Bearing Zone 3:	Not Reported	Remark:	1743
Municipality:	WORCESTER		
Aquifer:	BRUNSWICK FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

AL145
East
1/2 - 1 Mile
Lower

PA WELLS PASI30000057295

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7259N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	VALLEY FLAT	Well depth:	610
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.181666667		
Longitude dd:	-75.323055556		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	30
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-FEB-89	Pagwis id:	172160
Source site:	2	Local permit:	Not Reported
Latest owner:	171279	Driller sc:	0
Latest prod:	172253	Latest well:	173716
Site id:	PASI30000057295		

AM146
West
1/2 - 1 Mile
Higher

PA WELLS PASI30000057293

Dep counter:	0	Siteid:	401054075211901
Transactio:	3	Local welln:	MG 1425
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLTOP	Well depth:	122
Elevation:	471.950012207031		
Elev method:	Not Reported		
Accuracy of elev:	.01	Hydrologic:	02040203
Latlong acc:	Not Reported	Quad code:	LANSDALE
Type of site:	WELL	Date created:	24-JUL-97
Date updated:	24-JUL-97		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.181666667		
Longitude dd:	-75.355277778		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	15-AUG-88	Pagwis id:	43897
Source site:	1	Local permit:	Not Reported
Latest owner:	43475	Driller sc:	0
Latest prod:	45217	Latest well:	43897

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000057293

AM147
West
1/2 - 1 Mile
Higher

FED USGS USGS40001011749

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401054075211901		
Monloc name:	MG 1425		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1817729
Longitude:	-75.3549018	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	471.95
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Lockatong Formation		
Aquifer type:	Not Reported		
Construction date:	19880815	Welldepth:	122
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1995-02-24	61.66	

AN148
East
1/2 - 1 Mile
Lower

PA WELLS SPAW0127825

Well ID:	X 2908	County	MONTGOMERY
Owner's Name:	ZUMPANO M	Longitude:	751922
Latitude:	401042	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	305	Casing1 Diameter(inches):	6
Casing 1:	31	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-00
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	39	Yield Measurement Method:	Not Reported
Yield (gpm):	1	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	0512
Bedrock:	20	Water Bearing Zone 2:	275
Water Bearing Zone 1:	250	Lithology:	Not Reported
Water Bearing Zone 3:	290	Remark:	1743
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

AN149
East
1/2 - 1 Mile
Lower

PA WELLS PASI30000056719

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 2908
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	305
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	Not Reported
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1783333333		
Longitude dd:	-75.3227777778		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	20
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-FEB-95	Pagwis id:	172356
Source site:	2	Local permit:	Not Reported
Latest owner:	171473	Driller sc:	0
Latest prod:	172448	Latest well:	173910
Site id:	PASI30000056719		

AO150
NW
1/2 - 1 Mile
Lower

PA WELLS PASI30000058283

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7345N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	250
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1875		
Longitude dd:	-75.3527777778		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	7
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-JUL-86	Pagwis id:	172245
Source site:	2	Local permit:	Not Reported
Latest owner:	171363	Driller sc:	0
Latest prod:	172338	Latest well:	173801

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000058283

**AO151
NW
1/2 - 1 Mile
Lower**

PA WELLS SPAW0127714

Well ID:	7345N	County:	MONTGOMERY
Owner's Name:	PRISM CONSTRUCTION	Longitude:	752110
Latitude:	401115	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	250	Casing1 Diameter(inches):	Not Reported
Casing 1:	30	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	07-86
Grouted:	Yes	Production WL:	82
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	7	Test Time:	0.25
Drawdown:	Not Reported	Driller:	121
Bedrock:	7	Water Bearing Zone 2:	170
Water Bearing Zone 1:	105	Lithology:	SHALE
Water Bearing Zone 3:	210	Remark:	Not Reported
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

**AP152
NW
1/2 - 1 Mile
Lower**

FED USGS USGS40001012111

Org. Identifier:	USGS-PA	Drainagearea value:	Not Reported
Formal name:	USGS Pennsylvania Water Science Center	Contrib drainagearea:	Not Reported
Monloc Identifier:	USGS-401123075210101	Latitude:	40.1898283
Monloc name:	MG 426	Sourcemap scale:	24000
Monloc type:	Well	Horiz Acc measure units:	seconds
Monloc desc:	Not Reported	Horiz Collection method:	Interpolated from map
Huc code:	02040203	Horiz coord refs:	NAD83
Drainagearea Units:	Not Reported	Vert measure units:	feet
Contrib drainagearea units:	Not Reported	Vert accmeasure units:	feet
Longitude:	-75.3499011	Vertcollection method:	Interpolated from topographic map
Horiz Acc measure:	1	Vert coord refs:	NGVD29
Horiz Collection method:	Interpolated from map	Aquifername:	Early Mesozoic basin aquifers
Horiz coord refs:	NAD83	Formation type:	Lokatong Formation
Vert measure units:	feet	Aquifer type:	Not Reported
Vert accmeasure units:	feet	Construction date:	19490101
Vertcollection method:	Interpolated from topographic map	Welldepth units:	ft
Vert coord refs:	NGVD29	Wellholeddepth units:	Not Reported
Aquifername:	Early Mesozoic basin aquifers	Countrycode:	US
Formation type:	Lokatong Formation	Welldepth:	70
Aquifer type:	Not Reported	Wellholeddepth:	Not Reported
Construction date:	19490101		
Welldepth units:	ft		
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

AP153
NW
1/2 - 1 Mile
Lower

FED USGS USGS40001012112

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401123075210102		
Monloc name:	MG 1527		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1898283
Longitude:	-75.3499011	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	360
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Lockatong Formation		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	145
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

1995-07-24	47.78	

AP154
NW
1/2 - 1 Mile
Lower

PA WELLS PASI30000058578

Dep counter:	0	Siteid:	401123075210101
Transactio:	1	Local welln:	MG 426
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	70
Elevation:	355		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	LANSDALE
Type of site:	WELL	Date created:	26-FEB-77
Date updated:	07-APR-95		
Data Reliability:	NOT FLD CHECKED, RPRTING AGENCY CONSIDERS IT OK (DEP WSM, WWI web)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1897222222		
Longitude dd:	-75.3502777778		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-JAN-49	Pagwis id:	27887
Source site:	1	Local permit:	Not Reported
Latest owner:	27649	Driller sc:	0
Latest prod:	0	Latest well:	27887
Site id:	PASI30000058578		

**AP155
NW
1/2 - 1 Mile
Lower**

PA WELLS PASI30000058579

Dep counter:	0	Siteid:	401123075210102
Transactio:	3	Local welln:	MG 1527
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	145
Elevation:	360		
Elev method:	Not Reported		
Accuracy of elev:	5	Hydrologic:	02040203
Latlong acc:	Not Reported	Quad code:	LANSDALE
Type of site:	WELL	Date created:	24-JUL-97
Date updated:	24-JUL-97		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	WELL OWNER		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1897222222		
Longitude dd:	-75.3502777778		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-JAN-49	Pagwis id:	43919
Source site:	1	Local permit:	Not Reported
Latest owner:	43497	Driller sc:	0
Latest prod:	45234	Latest well:	43919
Site id:	PASI30000058579		

**AM156
West
1/2 - 1 Mile
Higher**

PA WELLS PASI30000057197

Dep counter:	0	Siteid:	401052075212101
Transactio:	3	Local welln:	MG 1426
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLTOP	Well depth:	110
Elevation:	467.230010986328		
Elev method:	Not Reported		
Accuracy of elev:	.01	Hydrologic:	02040203
Latlong acc:	Not Reported	Quad code:	LANSDALE
Type of site:	WELL	Date created:	24-JUL-97
Date updated:	24-JUL-97		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1811111111	Depth to bedrock:	0
Longitude dd:	-75.3558333333	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	43893
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	16-AUG-88	Latest well:	43893
Source site:	1		
Latest owner:	43471		
Latest prod:	45215		
Site id:	PASI30000057197		

AM157
West
1/2 - 1 Mile
Higher

FED USGS USGS40001011718

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401052075212101		
Monloc name:	MG 1426		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1812173
Longitude:	-75.3554574	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	467.23
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Lockatong Formation		
Aquifer type:	Not Reported		
Construction date:	19880816	Welldepth:	110
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1995-02-24	66.01	

AQ158
WNW
1/2 - 1 Mile
Lower

PA WELLS PASI30000057483

Dep counter:	0	Siteid:	401058075212001
Transactio:	3	Local welln:	MG 1437
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	107
Elevation:	459.230010986328		
Elev method:	Not Reported		
Accuracy of elev:	.01	Hydrologic:	02040203
Latlong acc:	Not Reported	Quad code:	LANSDALE
Type of site:	WELL	Date created:	25-JUL-97
Date updated:	25-JUL-97		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.1827777778		
Longitude dd:	-75.3555555556		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-DEC-90	Pagwis id:	43902
Source site:	1	Local permit:	Not Reported
Latest owner:	43480	Driller sc:	0
Latest prod:	45221	Latest well:	43902
Site id:	PASI30000057483		

AQ159
WNW
1/2 - 1 Mile
Lower

PA WELLS PASI30000057484

Dep counter:	0	Siteid:	401058075212002
Transactio:	3	Local welln:	MG 1438
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	200
Elevation:	458.940002441406		
Elev method:	Not Reported		
Accuracy of elev:	.01	Hydrologic:	02040203
Latlong acc:	Not Reported	Quad code:	LANSDALE
Type of site:	WELL	Date created:	25-JUL-97
Date updated:	25-JUL-97		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	PRIVATE/UNIV GEOLOGIST (CONSULTANT)		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1827777778		
Longitude dd:	-75.3555555556		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-DEC-90	Pagwis id:	43903
Source site:	1	Local permit:	Not Reported
Latest owner:	43481	Driller sc:	0
Latest prod:	45222	Latest well:	43903
Site id:	PASI30000057484		

AQ160
WNW
1/2 - 1 Mile
Lower

FED USGS USGS40001011799

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401058075212002		
Monloc name:	MG 1438		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.182884
Longitude:	-75.3551795	Sourcemap scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	458.94
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Lockatong Formation		
Aquifer type:	Not Reported		
Construction date:	199012	Welldepth:	200
Welldepth units:	ft	Wellholedepth:	300
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1995-02-22	61.60	

AQ161
WNW
1/2 - 1 Mile
Lower

FED USGS USGS40001011798

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401058075212001		
Monloc name:	MG 1437		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.182884
Longitude:	-75.3551795	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	459.23
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Lockatong Formation		
Aquifer type:	Not Reported		
Construction date:	199012	Welldepth:	107
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1995-07-27	63.62	

AR162
WNW
1/2 - 1 Mile
Lower

PA WELLS PASI30000058058

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dep counter:	0	Siteid:	401109075211601
Transactio:	3	Local welln:	MG 1514
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	0
Elevation:	411		
Elev method:	Not Reported		
Accuracy of elev:	5	Hydrologic:	02040203
Latlong acc:	Not Reported	Quad code:	LANSDALE
Type of site:	WELL	Date created:	24-JUL-97
Date updated:	24-JUL-97		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	Not Reported		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1858333333		
Longitude dd:	-75.3544444444		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-SEP-50	Pagwis id:	43911
Source site:	1	Local permit:	Not Reported
Latest owner:	43489	Driller sc:	0
Latest prod:	0	Latest well:	43911
Site id:	PASI30000058058		

**AR163
WNW
1/2 - 1 Mile
Lower**

FED USGS USGS40001011942

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-401109075211601		
Monloc name:	MG 1514		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.1859395
Longitude:	-75.3540682	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	411
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Locketong Formation		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1995-07-27	60.1	

AS164
ESE
1/2 - 1 Mile
Lower

PA WELLS SPAW0127795

Well ID:	X 0915	County:	MONTGOMERY
Owner's Name:	BERZINS L	Longitude:	751918
Latitude:	401039	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	Not Reported
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	460	Casing1 Diameter(inches):	6
Casing 1:	40	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-72
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	Not Reported
Yield (gpm):	1	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	0287
Bedrock:	10	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	1743
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

AS165
ESE
1/2 - 1 Mile
Lower

PA WELLS PASI30000056596

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 0915
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	Not Reported	Well depth:	460
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	Not Reported
Accuracy of elev:	Not Reported	Quad code:	LANSDALE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	03-FEB-99
Type of site:	WELL		
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1775		
Longitude dd:	-75.3216666667		
Well address:	Not Reported	Depth to bedrock:	10
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	172326
Date drilled:	01-JAN-72	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	171443	Latest well:	173881
Latest prod:	172419		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000056596

AT166
NE
1/2 - 1 Mile
Lower

PA WELLS PASI30000058892

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7302N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	218
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	LANSDALE
Type of site:	WELL	Date created:	03-FEB-99
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1916666667		
Longitude dd:	-75.3283333333		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	30
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-MAY-88	Pagwis id:	172202
Source site:	2	Local permit:	Not Reported
Latest owner:	171320	Driller sc:	0
Latest prod:	172295	Latest well:	173758
Site id:	PASI30000058892		

AT167
NE
1/2 - 1 Mile
Lower

PA WELLS SPAW0127671

Well ID:	7302N	County	MONTGOMERY
Owner's Name:	THE RHOADS GARDEN	Longitude:	751942
Latitude:	401130	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	218	Casing1 Diameter(inches):	Not Reported
Casing 1:	40	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	05-88
Grouted:	Yes	Production WL:	100
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	10	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	512
Bedrock:	30	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	170	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

AT168
NNE
 1/2 - 1 Mile
 Lower

PA WELLS SPAW0127708

Well ID:	7339N	County	MONTGOMERY
Owner's Name:	RHOADS GARDEN	Longitude:	751944
Latitude:	401132	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	LANSDALE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	IRRIGATION	Finish:	OPEN HOLE
Well Depth:	345	Casing1 Diameter(inches):	Not Reported
Casing 1:	50	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	07-86
Grouted:	Yes	Production WL:	42
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	75	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	512
Bedrock:	41	Water Bearing Zone 2:	220
Water Bearing Zone 1:	95	Lithology:	SHALE
Water Bearing Zone 3:	245	Remark:	DWBZ = 4)325
Municipality:	WORCESTER		
Aquifer:	LOCKATONG FORMATION		

AT169
NNE
 1/2 - 1 Mile
 Lower

PA WELLS PASI30000058954

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	7339N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231LCKG
Topography:	HILLSIDE	Well depth:	345
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	LANSDALE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	03-FEB-99
Type of site:	WELL		
Date updated:	04-FEB-99		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	WORCESTER TWP.		
Latitude dd:	40.1922222222		
Longitude dd:	-75.3288888889		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	41
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01-JUL-86	Pagwis id:	172239
Source site:	2	Local permit:	Not Reported
Latest owner:	171357	Driller sc:	0
Latest prod:	172332	Latest well:	173795

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id:

PASI30000058954

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
19403	6499	0	439.8	5

EPA Region 3 Statistical Summary Readings for Zip Code: 19403

Number of sites tested: 1656.

Maximum Radon Level: 365.9 pCi/L.

Minimum Radon Level: 0.1 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
1127 (68.06%)	345 (20.83%)	112 (6.76%)	58 (3.50%)	10 (0.60%)	4 (0.24%)

Federal EPA Radon Zone for MONTGOMERY County: 1

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

HYDROLOGIC INFORMATION

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

Pennsylvania Public Water Supply Wells

Source: Pennsylvania Department of Environmental Resources Bureau of Water Supply

Telephone: 717-787-5017

Pennsylvania Groundwater Information System

Source: Department of Conservation and Natural Resources

Telephone: 717-702-2045

OTHER STATE DATABASE INFORMATION

Pennsylvania Oil and Gas Locations

Source: Pennsylvania Department of Environmental Protection

Telephone: 814-863-0104

An Oil and Gas Location is a DEP primary facility type related to the Oil & Gas Program. The sub-facility types related to Oil and Gas that are included in this layer are: Land Application -- An area where drilling cuttings or waste are disposed by land application; Well-- A well associated with oil and/or gas production; Pit -- An approved pit that is used for storage of oil and gas well fluids. Some sub facility types are not included in this layer due to security policies.

RADON

State Database: PA Radon

Source: Department of Environmental Protection

Telephone: 717-783-3594

Radon Test Results Statistics by Zip Code

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Region 3 Statistical Summary Readings

Source: Region 3 EPA

Telephone: 215-814-2082

Radon readings for Delaware, D.C., Maryland, Pennsylvania, Virginia and West Virginia.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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APPENDIX B
HISTORICAL AERIAL PHOTOGRAPHS





North Penn USARC

1625 Berks Road

Norristown, PA 19403

Inquiry Number: 3842278.11

January 30, 2014

The EDR Aerial Photo Decade Package

EDR Aerial Photo Decade Package

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

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Date EDR Searched Historical Sources:

Aerial Photography January 30, 2014

Target Property:

1625 Berks Road

Norristown, PA 19403

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1942	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B3, Lansdale, PA;/Flight Date: January 01, 1942	EDR
1950	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B3, Lansdale, PA;/Flight Date: January 01, 1950	EDR
1958	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B3, Lansdale, PA;/Flight Date: September 13, 1958	EDR
1965	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B3, Lansdale, PA;/Flight Date: March 31, 1965	EDR
1971	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B3, Lansdale, PA;/Flight Date: January 01, 1971	EDR
1973	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B3, Lansdale, PA;/Flight Date: January 01, 1973	EDR
1981	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B3, Lansdale, PA;/Flight Date: January 01, 1981	EDR
1988	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B3, Lansdale, PA;/Flight Date: January 01, 1988	EDR
1992	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B3, Lansdale, PA;/Flight Date: January 01, 1992	EDR
1999	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B3, Lansdale, PA;/DOQQ - acquisition dates: April 13, 1999	EDR
2005	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B3, Lansdale, PA;/Flight Year: 2005	EDR
2008	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B3, Lansdale, PA;/Flight Year: 2008	EDR
2010	Aerial Photograph. Scale: 1"=500'	Panel #: 40075-B3, Lansdale, PA;/Flight Year: 2010	EDR



INQUIRY #: 3842278.11

YEAR: 1942

| = 500'





INQUIRY #: 3842278.11

YEAR: 1950

| = 500'





INQUIRY #: 3842278.11

YEAR: 1958

| = 500'



EDR Environmental Data Resources Inc.



INQUIRY #: 3842278.11

YEAR: 1965

| = 500'



EDR Environmental Data Resources Inc.



INQUIRY #: 3842278.11

YEAR: 1971

— = 500'



EDR Environmental Data Resources Inc.



INQUIRY #: 3842278.11

YEAR: 1973

| = 500'





INQUIRY #: 3842278.11

YEAR: 1981

| = 500'





INQUIRY #: 3842278.11

YEAR: 1988

| = 500'





INQUIRY #: 3842278.11

YEAR: 1992

| = 500'





INQUIRY #: 3842278.11

YEAR: 1999

| = 500'





INQUIRY #: 3842278.11

YEAR: 2005

| = 500'



EDR Environmental Data Resources Inc.



INQUIRY #: 3842278.11

YEAR: 2008

| = 500'





INQUIRY #: 3842278.11

YEAR: 2010

 = 500'



APPENDIX C
HISTORICAL TOPOGRAPHIC MAPS





North Penn USARC

1625 Berks Road

Norristown, PA 19403

Inquiry Number: 3842278.4

January 29, 2014

EDR Historical Topographic Map Report

EDR Historical Topographic Map Report

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

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

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Historical Topographic Map



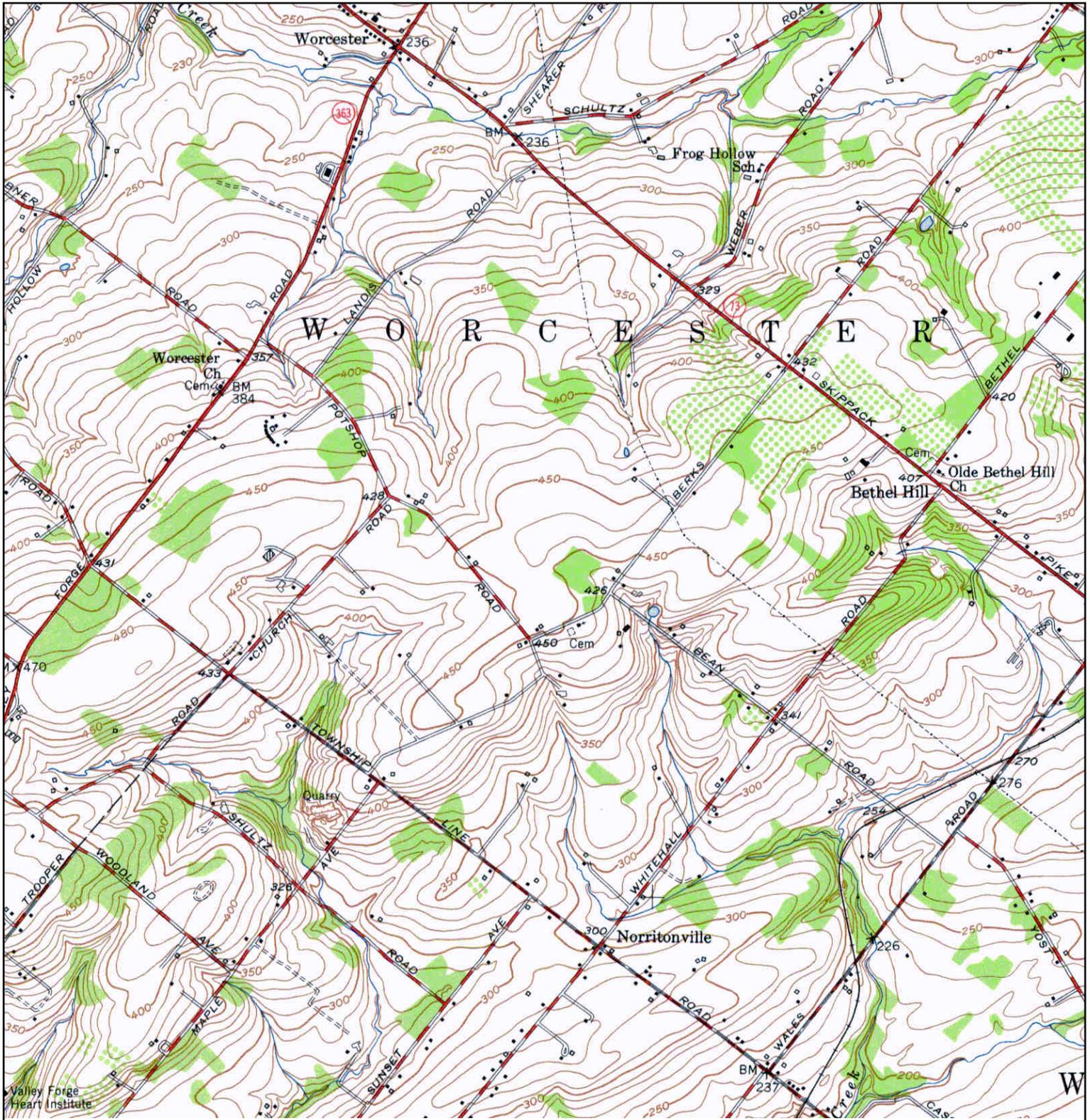
	TARGET QUAD	SITE NAME: North Penn USARC	CLIENT: Environmental Standards Inc.
	NAME: NORRISTOWN	ADDRESS: 1625 Berks Road	CONTACT: Megan Filipovits
	MAP YEAR: 1895	Norristown, PA 19403	INQUIRY#: 3842278.4
		LAT/LONG: 40.1803 / -75.3387	RESEARCH DATE: 01/29/2014
	SERIES: 15		
SCALE: 1:62500			

Historical Topographic Map



	TARGET QUAD NAME: NORRISTOWN MAP YEAR: 1943	SITE NAME: North Penn USARC ADDRESS: 1625 Berks Road Norristown, PA 19403 LAT/LONG: 40.1803 / -75.3387	CLIENT: Environmental Standards Inc. CONTACT: Megan Filipovits INQUIRY#: 3842278.4 RESEARCH DATE: 01/29/2014
	SERIES: 15 SCALE: 1:50000		

Historical Topographic Map



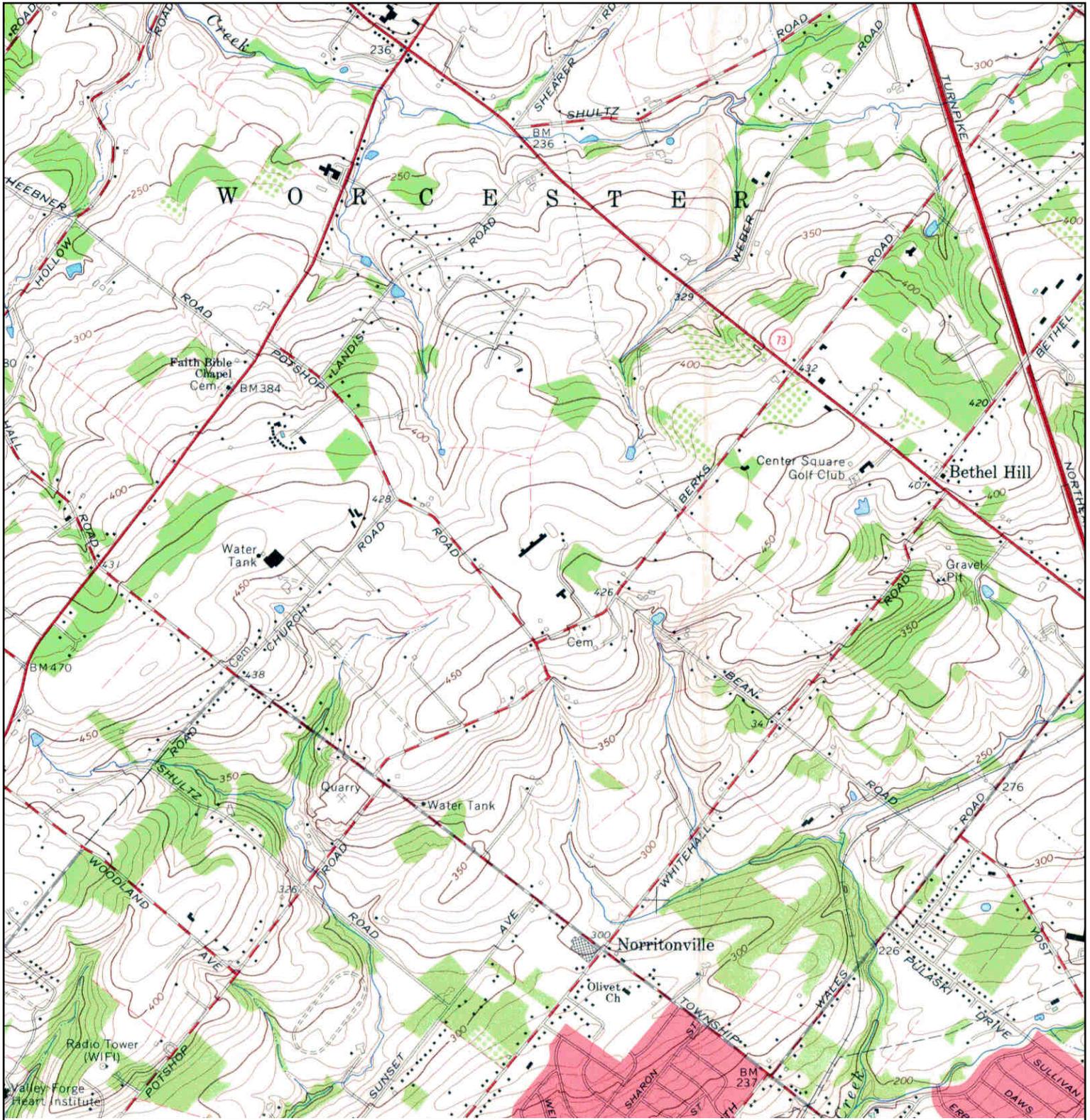
<p>N</p> 	<p>TARGET QUAD</p> <p>NAME: LANSDALE</p> <p>MAP YEAR: 1951</p>	<p>SITE NAME: North Penn USARC</p> <p>ADDRESS: 1625 Berks Road Norristown, PA 19403</p> <p>LAT/LONG: 40.1803 / -75.3387</p>	<p>CLIENT: Environmental Standards Inc.</p> <p>CONTACT: Megan Filipovits</p> <p>INQUIRY#: 3842278.4</p> <p>RESEARCH DATE: 01/29/2014</p>
	<p>SERIES: 7.5</p> <p>SCALE: 1:24000</p>		

Historical Topographic Map



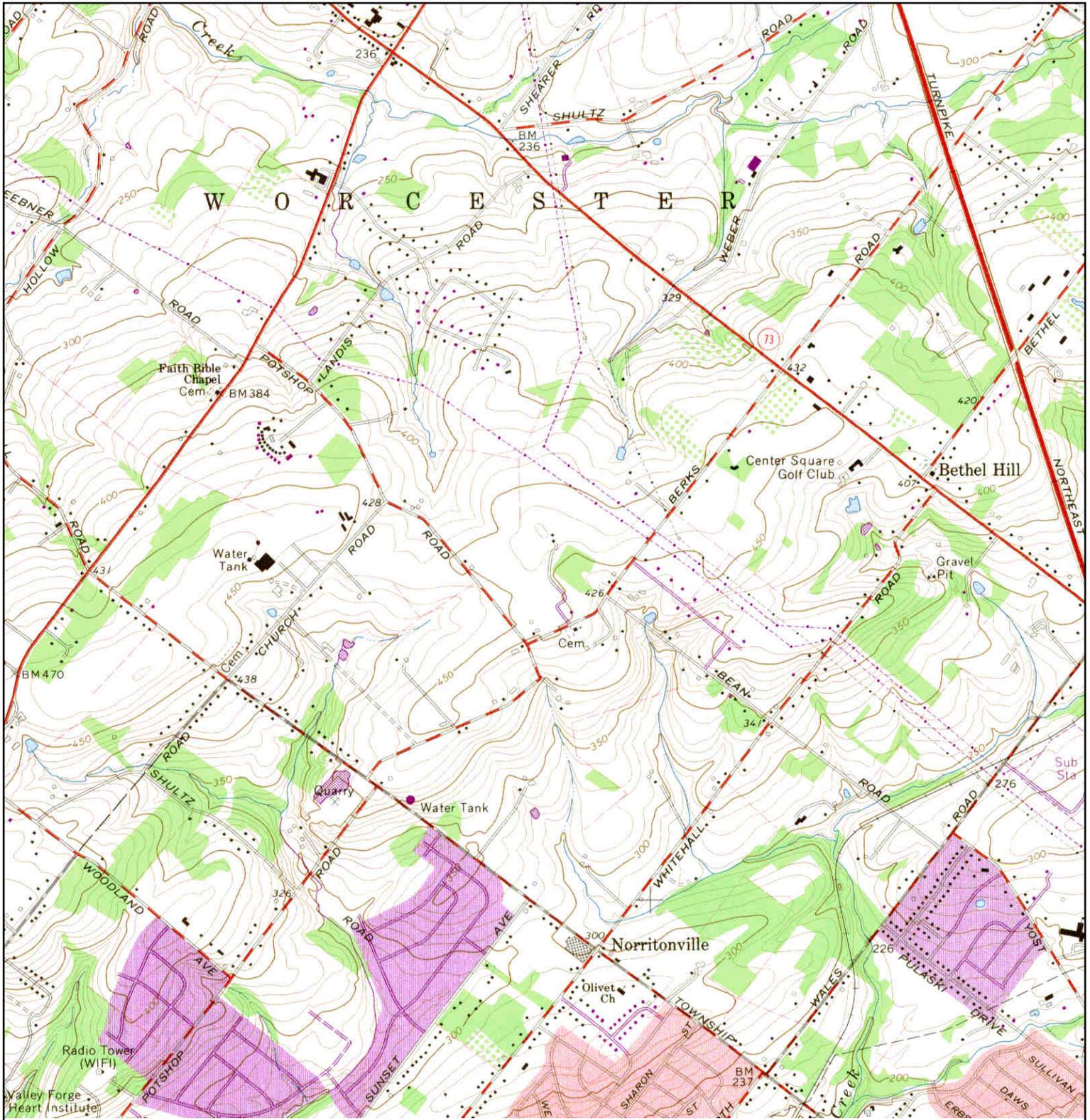
<p>N</p>	<p>TARGET QUAD</p> <p>NAME: PHILADELPHIA VICINITY WEST 2 of 2</p> <p>MAP YEAR: 1956</p>	<p>SITE NAME: North Penn USARC</p> <p>ADDRESS: 1625 Berks Road Norristown, PA 19403</p> <p>LAT/LONG: 40.1803 / -75.3387</p>	<p>CLIENT: Environmental Standards Inc.</p> <p>CONTACT: Megan Filipovits</p> <p>INQUIRY#: 3842278.4</p> <p>RESEARCH DATE: 01/29/2014</p>
	<p>SERIES: 7.5</p> <p>SCALE: 1:24000</p>		

Historical Topographic Map



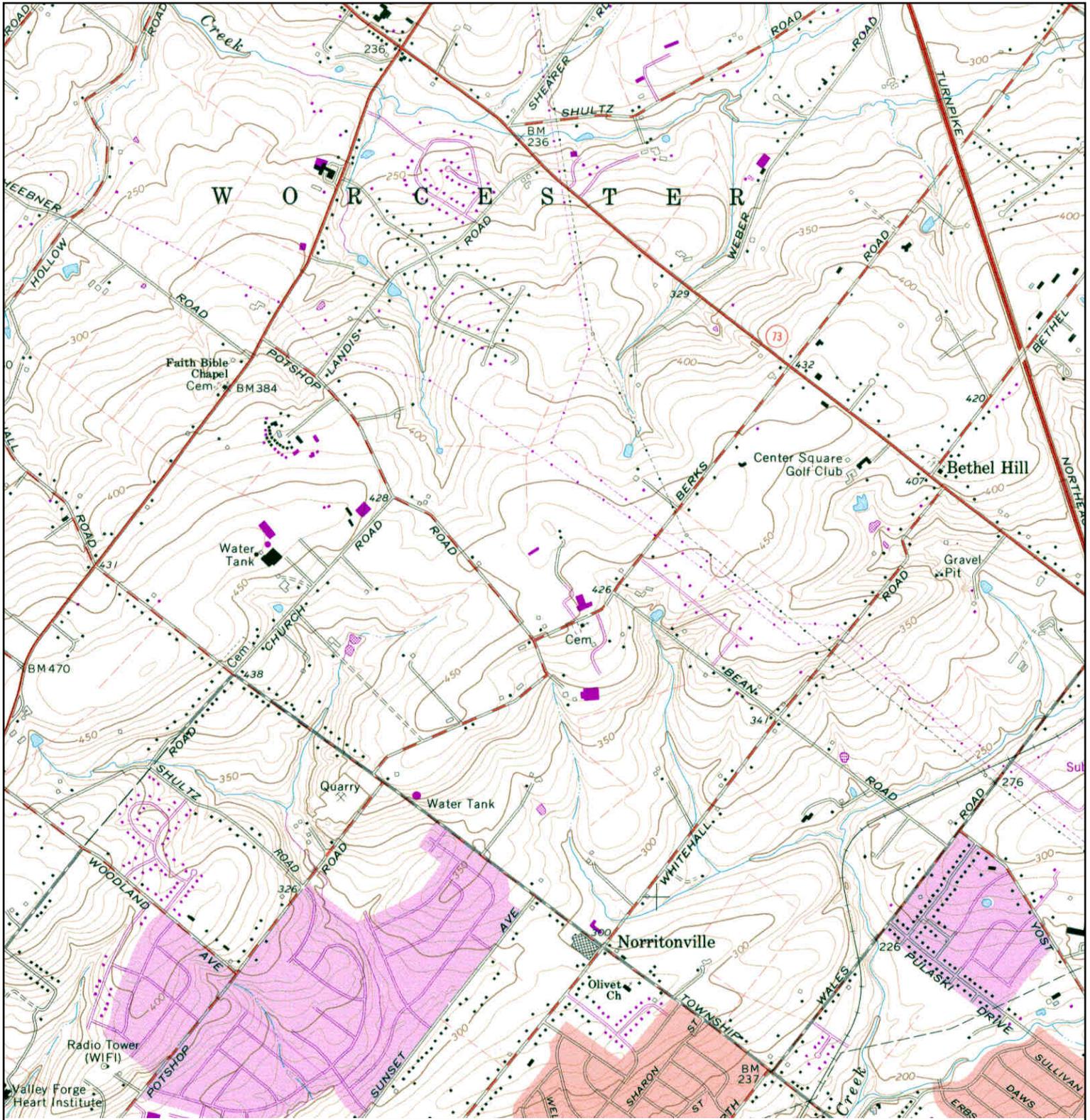
<p>N</p> 	<p>TARGET QUAD NAME: LANSDALE MAP YEAR: 1966</p>	<p>SITE NAME: North Penn USARC ADDRESS: 1625 Berks Road Norristown, PA 19403 LAT/LONG: 40.1803 / -75.3387</p>	<p>CLIENT: Environmental Standards Inc. CONTACT: Megan Filipovits INQUIRY#: 3842278.4 RESEARCH DATE: 01/29/2014</p>
	<p>SERIES: 7.5 SCALE: 1:24000</p>		

Historical Topographic Map



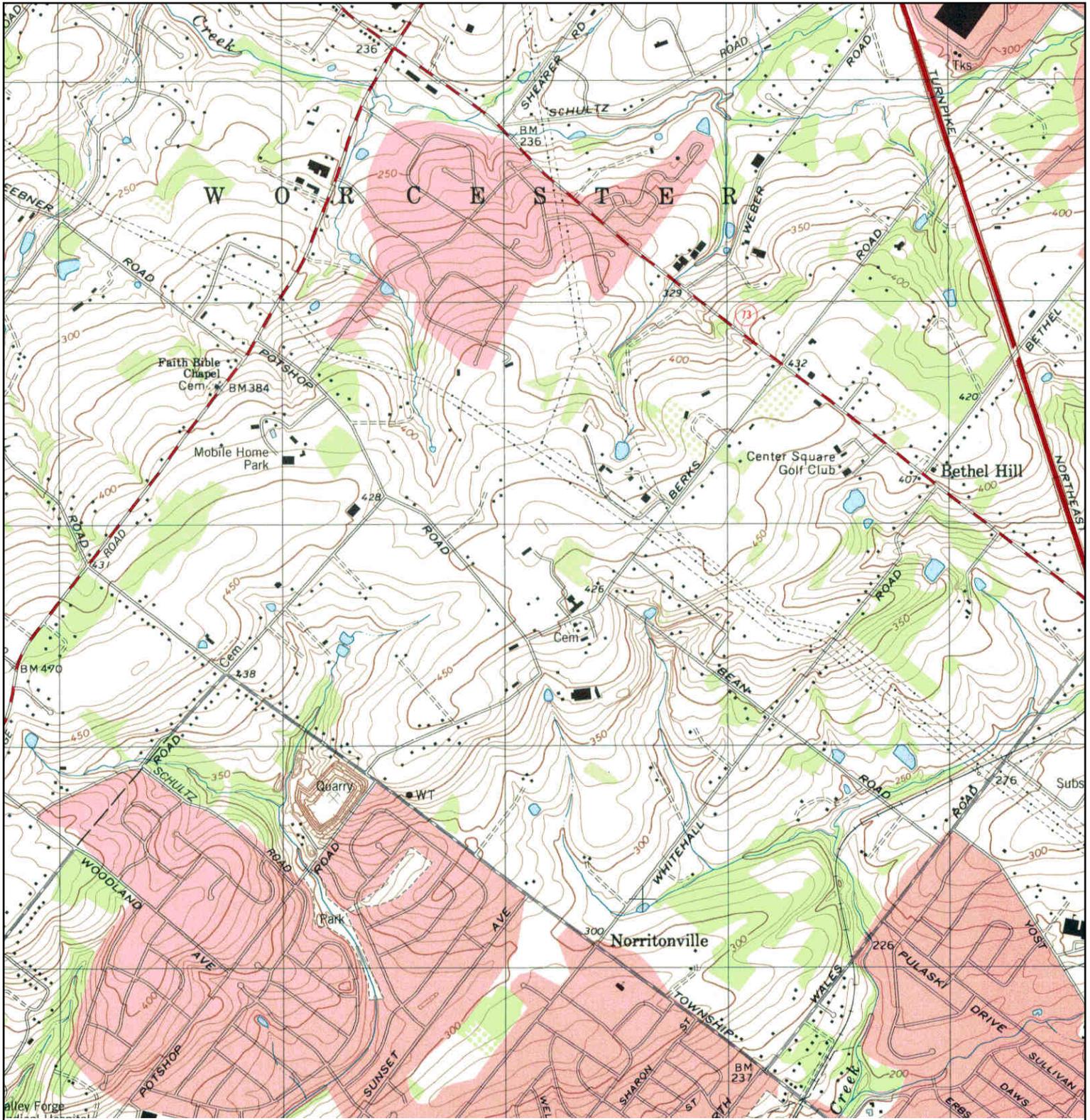
<p>N ↑</p>	TARGET QUAD	SITE NAME: North Penn USARC	CLIENT: Environmental Standards Inc.
	NAME: LANSDALE	ADDRESS: 1625 Berks Road	CONTACT: Megan Filipovits
	MAP YEAR: 1973	Norristown, PA 19403	INQUIRY#: 3842278.4
	PHOTOREVISED FROM : 1966	LAT/LONG: 40.1803 / -75.3387	RESEARCH DATE: 01/29/2014
	SERIES: 7.5		
	SCALE: 1:24000		

Historical Topographic Map



<p>N ↑</p>	TARGET QUAD	SITE NAME: North Penn USARC	CLIENT: Environmental Standards Inc.
	NAME: LANSDALE	ADDRESS: 1625 Berks Road	CONTACT: Megan Filipovits
	MAP YEAR: 1983	Norristown, PA 19403	INQUIRY#: 3842278.4
	PHOTOREVISED FROM : 1966	LAT/LONG: 40.1803 / -75.3387	RESEARCH DATE: 01/29/2014
	SERIES: 7.5		
	SCALE: 1:24000		

Historical Topographic Map



	TARGET QUAD NAME: LANSDALE MAP YEAR: 1999	SITE NAME: North Penn USARC ADDRESS: 1625 Berks Road Norristown, PA 19403 LAT/LONG: 40.1803 / -75.3387	CLIENT: Environmental Standards Inc. CONTACT: Megan Filipovits INQUIRY#: 3842278.4 RESEARCH DATE: 01/29/2014
	SERIES: 7.5 SCALE: 1:24000		

APPENDIX D
SANBORN® MAP REPORT





North Penn USARC

1625 Berks Road

Norristown, PA 19403

Inquiry Number: 3842278.3

January 29, 2014

Certified Sanborn® Map Report

Certified Sanborn® Map Report

1/29/14

Site Name:

North Penn USARC
1625 Berks Road
Norristown, PA 19403

Client Name:

Environmental Standards Inc.
1140 Valley Forge Road
Valley Forge, PA 19482

EDR Inquiry # 3842278.3

Contact: Megan Filipovits



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Environmental Standards Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

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:

Site Name: North Penn USARC
Address: 1625 Berks Road
City, State, Zip: Norristown, PA 19403
Cross Street:
P.O. # NA
Project: North Penn USARC
Certification # 75C1-4283-8C45



Sanborn® Library search results
Certification # 75C1-4283-8C45

UNMAPPED PROPERTY

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

The Sanborn Library includes more than 1.2 million 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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APPENDIX E
CITY DIRECTORY ABSTRACT



North Penn USARC

1625 Berks Road
Norristown, PA 19403

Inquiry Number: 3842278.5
January 29, 2014

The EDR-City Directory Abstract

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Executive Summary

Findings

City Directory Images

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EXECUTIVE SUMMARY

DESCRIPTION

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

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1923 through 2013. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

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

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2013	Cole Information Services	-	X	X	-
2008	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2003	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
1998	Cole Information Services	-	-	-	-
1993	Cole Information Services	-	-	-	-
1988	Cole Information Services	-	-	-	-
1983	Cole Information Services	-	-	-	-
1978	Cole Information Services	-	-	-	-
1973	Cole Information Services	-	-	-	-
1968	Cole Information Services	-	-	-	-
1963	Cole Information Services	-	-	-	-
1958	Cole Information Services	-	-	-	-
1957	R.L. POLK & CO.	-	-	-	-
1951	W.H. BOYD CO.	-	-	-	-
1947	W.H. BOYD CO.	-	-	-	-
1943	W.H. BOYD CO.	-	-	-	-
1937	W.H. BOYD CO.	-	-	-	-
1931	W.H. BOYD CO.	-	-	-	-
1927	W.H. BOYD CO.	-	-	-	-
1923	W.H. BOYD CO.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

1625 Berks Road
Norristown, PA 19403

FINDINGS DETAIL

Target Property research detail.

BERKS RD

1625 BERKS RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	ARMY DEPTARMY RESERVE	Cole Information Services
2003	ARMY DEPT OF ARMY RESERVE	Cole Information Services

FINDINGS

ADJOINING PROPERTY DETAIL

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

BERKS RD

1636 BERKS RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	SERVPRO OF WHI	Cole Information Services
	SERVPRO OF WHI	Cole Information Services

POTSHOP RD

2015 POTSHOP RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	BROUSE NURSERY & GARDEN CENTER	Cole Information Services
2008	BROUSE NURSERY	Cole Information Services
2003	BROUSE NURSERIES	Cole Information Services

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

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

Address Researched

1625 Berks Road

Address Not Identified in Research Source

2013, 1998, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1957, 1951, 1947, 1943, 1937, 1931, 1927, 1923

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

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

Address Researched

1636 BERKS RD

Address Not Identified in Research Source

2013, 2003, 1998, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1957, 1951, 1947, 1943, 1937, 1931, 1927, 1923

2015 POTSHOP RD

1998, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1957, 1951, 1947, 1943, 1937, 1931, 1927, 1923

APPENDIX F
ENVIRONMENTAL LIEN REPORT



North Penn USARC

1625 Berks Road
Norristown, PA 19403

Inquiry Number: 3842278.8
January 29, 2014

EDR Building Permit Report

Target Property and Adjoining Properties

EDR Building Permit Report: Search Documentation

1/29/14

Site Name:

North Penn USARC
1625 Berks Road
Norristown, PA 19403

Client Name:

Environmental Standards Inc.
1140 Valley Forge Road
Valley Forge, PA 19482

EDR Inquiry # 3842278.8

Contact: Megan Filipovits

Search Documentation

DATA GAP

The complete collection of Building Permit data available to EDR has been searched, and as of 1/29/14, EDR does not have access to building permits in the city where your target property is located (Norristown, PA).

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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting 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.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquiries (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.



North Penn USARC Phase I
Historic Document Review Summary Table

Date	File Title	Document Title	What	Additional Area(s) of Concern												
				A. Transcoil	B. Onsite Spills Area	C. 1,500 gal fuel oil UST	D. 1,000 gal gas UST	E. No. 2 fuel oil spill next to potable well	F. 20,000 gal No. 2 UST	G. Oil-like substance in drainage ditch	H. Former Nike missile silos	I. PCB in transformers	J. Groundwater supply well	K. Property-wide groundwater impacts	L. Nike missile Launch area/fire training burn site	M. Nike missile base - Buildings area
-	001	-	Figure													
-	002	-	Figure													
-	003	-	Figure													
-	004	-	Figure													
-	005	-	Figure													
-	006	-	Figure													
-	007	-	Figure													
-	008	-	Figure													
-	009	-	Figure													
-	010	-	Figure													
-	011	-	Figure													
-	012	-	Figure													
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-	066	-	Figure													
-	067	-	Figure													
-	068	-	Figure													

North Penn USARC Phase I
Historic Document Review Summary Table

Date	File Title	Document Title	What	Additional Area(s) of Concern													
				A. Transcoil	B. Onsite Spoils Area	C. 1,500 gal fuel oil LUST	D. 1,000 gal gas UST	E. No. 2 fuel oil spill next to potable well	F. 20,000 gal No. 2 UST	G. Oil-like substance in drainage ditch	H. Former Nike missile silos	I. PCBs in transformers	J. Groundwater supply well	K. Property-wide groundwater impacts	L. Nike missile Launch area/fire training burn site	M. Nike missile base - Buildings area	N. Oil water separator and OMS building
-	069	-	Figure														
-	070	-	Figure														
-	071	-	Figure														
-	072	-	Figure														
-	073	-	Figure														
-	074	-	Figure														
-	075	-	Figure														
-	076	-	Figure														
-	077	-	Figure														
-	078	-	Figure														
-	079	-	Figure														
-	080	-	Figure														
-	081	-	Figure														
-	082	-	Figure														
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-	084	-	Figure														
-	085	-	Figure														
-	086	-	Figure														
-	087	-	Figure														
-	088	-	Figure														
-	089	-	Figure														
-	090	-	Figure														
-	091	-	Figure														
-	092	-	Figure	Spoils area	X												
-	093	-	Figure														
-	094	-	Figure														
-	095	-	Figure														
-	096	-	Figure														
-	097	-	Figure														
-	098	-	Figure														
-	099	-	Figure														
-	100	-	Figure														
-	101	-	Figure														
-	102	-	Figure														
-	103	-	Figure														
-	104	-	Figure														
September 3, 2003	Aerial 50 East Street USARC site2 rotated	-	photo														
-	BOILER1	-	Figure														
-	BOILER2	-	Figure														
-	BOILER3	-	Figure														
-	BOILER4	-	Figure														
-	BOILER5	-	Figure														
-	BOILER6	-	Figure														
-	BOILER7	-	Figure														
-	BOILER8	-	Figure														
September 3, 2003	DSC01690	-	photo														
September 3, 2003	DSC01691	-	photo														
September 3, 2003	DSC01692	-	photo														
September 3, 2003	DSC01693	-	photo														
September 3, 2003	DSC01694	-	photo														
September 3, 2003	DSC01695	-	photo														
September 3, 2003	DSC01696	-	photo														
September 3, 2003	DSC01697	-	photo														
September 3, 2003	DSC01698	-	photo														
September 3, 2003	DSC01699	-	photo														
September 3, 2003	DSC01700	-	photo														
September 3, 2003	DSC01701	-	photo														
September 3, 2003	DSC01702	-	photo														
September 3, 2003	DSC01703	-	photo														
September 3, 2003	DSC01704	-	photo														
September 3, 2003	DSC01705	-	photo														
September 3, 2003	DSC01706	-	photo														
September 3, 2003	DSC01707	-	photo														
September 3, 2003	DSC01708	-	photo														
September 3, 2003	DSC01709	-	photo														
September 3, 2003	DSC01710	-	photo														
September 3, 2003	DSC01711	-	photo														
September 3, 2003	DSC01712	-	photo														
September 3, 2003	DSC01713	-	photo														
September 3, 2003	DSC01714	-	photo														
September 3, 2003	DSC01715	-	photo														
September 3, 2003	DSC01716	-	photo														
September 3, 2003	DSC01717	-	photo														
September 3, 2003	DSC01718	-	photo														
September 3, 2003	DSC01719	-	photo														
September 3, 2003	DSC01720	-	photo														
September 3, 2003	DSC01721	-	photo														
September 3, 2003	DSC01722	-	photo														
September 3, 2003	DSC01723	-	photo														
September 3, 2003	DSC01724	-	photo														
September 3, 2003	DSC01725	-	photo														
September 3, 2003	DSC01726	-	photo														
September 3, 2003	DSC01727	-	photo														

North Penn USARC Phase I
Historic Document Review Summary Table

Date	File Title	Document Title	What	Additional Area(s) of Concern													
				A. Transition	B. Onsite Spoils Area	C. 1,500 gal fuel oil UST	D. 1,000 gal gas UST	E. No. 2 fuel oil spill next to potable well	F. 20,000 gal No. 2 UST	G. Oil-like substance in drainage ditch	H. Former Nike missile silos	I. PCBs in transformers	J. Groundwater supply well	K. Property-wide groundwater impacts	L. Nike missile Launch area/fire training burn site	M. Nike missile base - Buildings area	N. Oil water separator and OMS building
September 3, 2003	DSC01728	-	photo														
September 3, 2003	DSC01729	-	photo														
September 3, 2003	DSC01730	-	photo														
September 3, 2003	DSC01731	-	photo														
September 3, 2003	DSC01732	-	photo														
September 3, 2003	DSC01734	-	photo														
September 3, 2003	DSC01736	-	photo														
September 3, 2003	DSC01737	-	photo														
September 3, 2003	DSC01738	-	photo														
September 3, 2003	DSC01739	-	photo														
September 3, 2003	DSC01740	-	photo														
September 3, 2003	DSC01741	-	photo														
September 3, 2003	DSC01742	-	photo														
September 3, 2003	DSC01743	-	photo														
September 3, 2003	DSC01744	-	photo														
September 3, 2003	DSC01745	-	photo														
September 3, 2003	DSC01746	-	photo														
September 3, 2003	DSC01747	-	photo														
September 3, 2003	DSC01756	-	photo														
September 3, 2003	DSC01757	-	photo														
September 3, 2003	DSC01758	-	photo														
September 3, 2003	DSC01759	-	photo														
September 3, 2003	DSC01761	-	photo														
September 3, 2003	DSC01762	-	photo														
September 3, 2003	DSC01763	-	photo														
September 3, 2003	DSC01764	-	photo														
September 3, 2003	DSC01765	-	photo														
September 3, 2003	DSC01767	-	photo														
September 3, 2003	DSC01768	-	photo														
September 3, 2003	DSC01769	-	photo														
September 3, 2003	DSC01770	-	photo														
September 3, 2003	DSC01771	-	photo														
September 3, 2003	DSC01772	-	photo														
September 3, 2003	DSC01772	-	photo														
September 3, 2003	DSC01773	-	photo														
September 3, 2003	DSC01775	-	photo														
September 3, 2003	DSC01777	-	photo														
September 3, 2003	DSC01779	-	photo														
September 3, 2003	DSC01781	-	photo														
September 3, 2003	DSC01782	-	photo														
September 3, 2003	DSC01783	-	photo														
September 3, 2003	DSC01784	-	photo														
September 3, 2003	DSC01788	-	photo														
September 3, 2003	DSC01789	-	photo														
September 3, 2003	DSC01790	-	photo														
September 3, 2003	DSC01791	-	photo														
September 3, 2003	DSC01792	-	photo														
September 3, 2003	DSC01793	-	photo														
September 3, 2003	DSC01794	-	photo														
September 3, 2003	DSC01796	-	photo														
September 3, 2003	DSC01799	-	photo														
September 3, 2003	DSC01800	-	photo														
September 3, 2003	DSC01801	-	photo														
September 3, 2003	DSC01802	-	photo														
September 3, 2003	DSC01803	-	photo														
September 3, 2003	DSC01804	-	photo														
September 3, 2003	DSC01805	-	photo														
September 3, 2003	DSC01806	-	photo														
September 3, 2003	DSC01807	-	photo														
September 3, 2003	DSC01808	-	photo														
September 3, 2003	DSC01809	-	photo														
September 3, 2003	DSC01810	-	photo														
September 3, 2003	DSC01811	-	photo														
September 3, 2003	DSC01812	-	photo														
September 3, 2003	DSC01814	-	photo														
September 3, 2003	DSC01815	-	photo														
September 3, 2003	DSC01816	-	photo														
September 3, 2003	DSC01818	-	photo														
September 3, 2003	DSC01820	-	photo														
September 3, 2003	DSC01821	-	photo														
September 3, 2003	DSC01823	-	photo														
September 3, 2003	DSC01824	-	photo														
September 3, 2003	DSC01825	-	photo														
September 3, 2003	DSC01826	-	photo														
September 3, 2003	DSC01827	-	photo														
September 3, 2003	DSC01828	-	photo														
September 3, 2003	DSC01829	-	photo														
September 3, 2003	DSC01830	-	photo														
September 3, 2003	DSC01831	-	photo														
September 3, 2003	DSC01833	-	photo														
September 3, 2003	DSC03181	-	photo														
September 3, 2003	DSC03182	-	photo														
September 3, 2003	DSC03183	-	photo														
September 3, 2003	DSC03184	-	photo														

North Penn USARC Phase I
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September 3, 2003	DSC03185	-	photo														
September 3, 2003	DSC03186	-	photo														
September 3, 2003	DSC03187	-	photo														
September 3, 2003	DSC03188	-	photo														
September 3, 2003	DSC03189	-	photo														
September 3, 2003	DSC03190	-	photo														
September 3, 2003	DSC03192	-	photo														
September 3, 2003	DSC03193	-	photo														
September 3, 2003	DSC03194	-	photo														
September 3, 2003	DSC03195	-	photo														
September 3, 2003	DSC03196	-	photo														
September 3, 2003	DSC03197	-	photo														
September 3, 2003	DSC03198	-	photo														
September 3, 2003	DSC03200	-	photo														
September 3, 2003	DSC03201	-	photo														
September 3, 2003	DSC03202	-	photo														
September 3, 2003	DSC03202r	-	photo														
September 3, 2003	DSC03202r	-	photo														
September 3, 2003	DSC03202rcropped	-	photo														
September 3, 2003	dsc03202rcropped crunched	-	photo														
September 3, 2003	DSC03203	-	photo														
September 3, 2003	DSC03204	-	photo														
September 3, 2003	DSC03205	-	photo														
September 3, 2003	DSC03207	-	photo														
September 3, 2003	DSC03208	-	photo														
September 3, 2003	DSC03209	-	photo														
September 3, 2003	DSC03210	-	photo														
September 3, 2003	DSC03211	-	photo														
September 3, 2003	DSC03212	-	photo														
September 3, 2003	DSC03213	-	photo														
September 3, 2003	DSC03214	-	photo														
September 3, 2003	DSC03215	-	photo														
September 3, 2003	DSC03216	-	photo														
September 3, 2003	DSC03217	-	photo														
September 3, 2003	DSC03218	-	photo														
September 3, 2003	DSC03219	-	photo														
September 3, 2003	site aerial	-	photo														
September 3, 2003	site aerial rotated2	-	photo														
September 3, 2003	site aerial rotated2crunched	-	photo														
-	End 4A North Penn USARC Deed Requirements	CERCLA NOTICE, COVENANT, AND ACCESS PROVISIONS AND OTHER DEED PROVISIONS	Deed Requirements: North Penn USARC	Nike Silo; groundwater;	X							X	X				
August 12, 1993	Record of Conversations-Sewage NOV Aug & Sep1993	79TH ARCOM Engineers Telephone Conversation Log	Report: Sewage	Sewage Treatment Plant & DMRs (NPDES permit)													
August 12, 1993	Record of Conversations-Water Testing Aug & Sep1993	79TH ARCOM Engineers Telephone Conversation Log	Report: Sewage and Potable water	Sewage Treatment Plant & DMRs (NPDES permit)													
July 1995	Cultural Resource Mgmt Plan-Jul - 95	79th Army Reserve Command Cultural Resource Management Plan	Report: Cultural recourse Management Plan	archeological site potential were identified and													
August 2, 2006	PPI - North Penn Norristown, PA 139	99th RRC Inventory Form North Penn Norristown PA	Inventory														
August 14, 1996	Tank Closure Report-Aug 1996	002 North Penn USARC Worchester Township - PA DEP letter for late registration	Letter: tank closure														X
August 14, 1996	Tank Closure Report-Aug 1996	002 North Penn USARC Worchester Township - PA DEP letter for late registration	Report: DEP Tank Closure Report														X
January 2, 2003	Permit for Construction of Mounted Septic System-Jan 2003	AGENT AUTHORIZATION	Report: permit for construction of mounted septic system	installation of an on-lot sewage disposal system(s)													
March 19, 2013	FW Nike base	Analytical Report FOR Environmental Cleanup (1600 BerksCBarn.pdf)	Email: Nike base (w/ attachments), groundwater analytical results														X
March 19, 2013	FW Nike base	Analytical Report FOR Environmental Cleanup (1600 BerksDBarn.pdf)	Email: Nike base (w/ attachments), groundwater analytical results														X
March 19, 2013	FW Nike base	Analytical Report FOR Environmental Cleanup (1600 BerksSprngHse.pdf)	Email: Nike base (w/ attachments), groundwater analytical results														X
March 19, 2013	FW Nike base	Analytical Report FOR Environmental Cleanup (1607 Berks.pdf)	Email: Nike base (w/ attachments), groundwater analytical results														X
March 19, 2013	FW Nike base	Analytical Report FOR Environmental Cleanup (1628 Berks.pdf)	Email: Nike base (w/ attachments), groundwater analytical results														X
March 19, 2013	FW Nike base	Analytical Report FOR Environmental Cleanup (1645 Bersk.pdf)	Email: Nike base (w/ attachments), groundwater analytical results														X
March 19, 2013	FW Nike base	Analytical Report FOR Environmental Cleanup (1805 Berks.pdf)	Email: Nike base (w/ attachments), groundwater analytical results														X

North Penn USARC Phase I
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October 7, 2005	S18_RealProperty AFRC Chester-Germantown	BRAC 2005 Implementation Plan	Report: Action Plan																			
October 7, 2005	S18_RealProperty_AP_AFRC Chester-Germantown	BRAC 2005 Implementation Plan	Report: Action Plan																			
October 7, 2005	S18_RealProperty_AP_AFRC Chester-Germantown	BRAC 2005 Implementation Plan	Report: Action Plan																			
2005	Encl 7 North Penn USARC ECP	BRAC 2005 Implementation Plan, S18 Real Property	Report: Proposed Action and Assessment for Base Realignment and Closure (BRAC) APPENDIX I																			
March 2010	North Penn DOPAA Final_March 17 2010	BRAC 2005 Screenings	Report: Proposed Action and Assessment for Base Realignment and Closure (BRAC) APPENDIX II																			
March 2010	North Penn DOPAA Final_March 17 2010	BRAC 2005 Screenings	Report: Appendices																			
November 24, 1987	06 Asbestos Reports, part 3	Bulk Material asbestos sampling form Bureau of Waste Management	Biospherics asbestos report																			
March 2010	North Penn DOPAA Final_March 17 2010	RE: Comments to the Environmental Condition of Property Report for US Army Reserve Center North Penn (PA139)	Report: Proposed Action and Assessment for Base Realignment and Closure (BRAC) APPENDIX IX	X			X	X	X	X		X	X									
March 2010	North Penn DOPAA Final_March 17 2010	Bureau of Waste Management	Report: Proposed Action and Assessment for Base Realignment and Closure (BRAC) APPENDIX IX																			
June 11, 2007	PA DEP ECP ltr	RE: Comments to the Environmental Condition of Property Report for US Army Reserve Center North Penn (PA139)	Letter: DEP Bureau of Waste Management	X			X	X	X	X		X	X									
January 21, 2010	water results	CEDAR GROVE ENVIRONMENTAL, INC Analytical Report	Results: Total Coliform																			
June 1994	Inventory of Refrigerant Equipment-Jun 1994	CENTER Worcester USARC	Inventory																			
November 2012	PA North Penn FOST 8 Nov 12	CERCLA NOTIC, COVENANT, AND ACCESS PROVISIONS AND OTHER DEED PROVISIONS	Report: Finding of Stability to Transfer (FOST)																			
2002	Encl 7 North Penn USARC ECP	Closure Report for Hydraulic Fluid Tank Removal	In place abandonment of 3 hydraulic oil tanks for the Nike missile silos																			
December 16, 2002	hydraulic tank closure	REMOVAL	Closure Report: Hydraulic Fluid Tank Removal (partial)																			
December 16, 2002	Tank Closure Report- Dec 2002	NOTRH PENN MEMORIAL USARC NIKE LAUNCH REMOVAL	Report: Closure Report for Hydraulic Fluid Tank Removal																			
May 2002	Plant Evaluation-May 2002	COMPREHENSIVE PLAN Worcester Township Montgomery County, Pennsylvania	Report: Comprehensive Plan																			
May 2002	Plant Evaluation-May 2002	COMPREHENSIVE PLAN Worcester Township Montgomery County, Pennsylvania	Report: draft comprehensive plan																			
1996	Encl 7 North Penn USARC ECP	Comprehensive Plan, Montgomery County Planning Commission	Information on public utilities in Worcester TWP																			
March 17, 1993	Record of Conversation-NPDES Permit-Mar 1993	CONVERSATION RECORD	Report: NPDES permit																			
May 1964	Perimeter Fence Line Study Program May 1964	COOPERATIVE MULTI-SITE AGREEMENT STUDY PROGRAM PILOT PROJECT																				
September 2003	0010-FFA-overall	Cost estimate - FFR	Cost estimate			X																X
-	North Penn Norristown, PA 139 - Operating Cost	Operating Cost	Cost estimate																			
September 22, 2000	Cross-Connection Control Survey - Sep 2000	CROSS-CONNECTION CONTROL SURVEY FOR 99th REGIONAL SUPPORT COMMAND	Report: Control survey																			
1995	Encl 7 North Penn USARC ECP	Cultural Resource Management Plan	Customer Questionnaire (blank)																			
-	02 Customer Questionnaire	Customer Questionnaire	Customer Questionnaire (blank)																			
April 1991	Data Report Limited Site Investigation April 1991	DATA REPORT LIMITED SITE INVESTIGATION FORMER NIKE BATTERY PH-91 WORCESTER, PENNSYLVANIA	launch area soil and vapor, potable water sample																			
February 5, 1987	TRANSCOIL INC Ltr-Ground Water-5 Feb 1987	Dear _____	Report: Transcoil Inc. - groundwater analysis																			
-	14 Deed	Deed (blank)	Deed (blank)																			
August 26, 1996	PA DEP-Ltr Water Monitoring-Aug 1996	DEP Southeast Regional Office	Report: DEP Water monitoring																			
August 26, 1996	PA DEP-Ltr Water Monitoring-Aug 1996	DEP Southeast Regional Office	Report: DEP Water monitoring																			
July 25, 1994	Final Lead Wipe Test-Jul 1994	DEPARTMENT OF THE ARMY HEADQUARTERS, FORT INDIANTOWN GAP ANNVILLE, PENNSYLVANIA 17003-5011	Report: Final wipe sample clearance																			
February 2, 2000	Weston Study Results - Feb 2000	Deputy Chief of Staff, Engineer	Not specific to North Penn Site																			
February 2, 2000	Weston Study Results - Feb 2000	Deputy Chief of Staff, Engineer	Not specific to North Penn Site																			
March 2010	North Penn DOPAA Final_March 17 2010	DESCRIPTION OF THE PROPOSED ACTION AND ALTERNATIVES FOR THE ENVIRONMENTAL ASSESSMENT FOR BRAC 05 RECOMMENDATIONS FOR CLOSURE OF NORTH PENN MEMORIAL UNITED STATES ARMY RESERVE CENTER, NORRISTOWN, PENNSYLVANIA	Report: Proposed Action and Assessment for Base Realignment and Closure (BRAC)																			
August 21, 1996	Asbestos Removal - Aug 1996	Directorate of Contracting	Report: Asbestos & UST																			
August 21, 1996	UST Removal - Aug 1996	Gentlemen: References:	Cost estimate for Asbestos & UST removal																			

North Penn USARC Phase I
Historic Document Review Summary Table

Date	File Title	Document Title	What	Additional Area(s) of Concern	A. Transition	B. Onsite Spoils Area	C. 1,500 gal fuel oil UST	D. 1,000 gal gas UST	E. No. 2 fuel oil spill next to potable well	F. 20,000 gal No. 2 UST	G. Oil-like substance in drainage ditch	H. Former Nike missile silos	I. PCBs in transformers	J. Groundwater supply well	K. Property-wide groundwater impacts	L. Nike missile Launch area/fire training burn site	M. Nike missile base - Buildings area	N. Oil water separator and OMS building	O. USTs and ASTs with "removal documentation unavailable".
March 2010	North Penn DOPAA Final_March 17 2010	ENVIRONMENTAL CONSIDERATIONS	Report: Proposed Action and Assessment for Base Realignment and Closure (BRAC) APPENDIX IX																
November 2012	PA North Penn FOST 8 Nov 12	ENVIRONMENTAL DOCUMENTATION	Report: Finding of Stability to Transfer (FOST)																
November 2012	PA North Penn FOST 8 Nov 12	ENVIRONMENTAL PROTECTION PROVISIONS	Report: Finding of Stability to Transfer (FOST)																
September 15, 2008	WYAAAA 307 AG BAND ARMY	Equipment Recapitulation by Linum and ERCOD Form - Generating Force Band	Equipment Recapitulation																
September 16, 2006	WSZUA2 733 TC CO	Equipment Recapitulation by Linum and ERCOD Form - T MDM TRK CO PLS	Equipment Recapitulation																
April 2007	North Penn ECP exec summ 21 Preassessment	Executive Summary	Summary: Environmental Condition of Property (ECP) report	superfund site up gradient; former spoils area from sewage plant upgrade; leaking heating oil UST; gas UST; heating oil AST; heating oil UST; drainage	X	X	X	X	X	X	X	X							
September 28, 1995	SPCC-Exemption-Sep 1995	Requirements to Develop Spill Response Documents	Executive Summary USAR Facility Pre Assessment from Requirements to Develop Spill Response Documents																
July 9, 2000	ECAS-416 EN-Jul 2000	FACILITY CONDITION SURVEY For North Penn USAR Center	Summary: Site visit	Some info on upgrade dates															
October 1, 2003	Biospherics Incorporated-Survey - 1987	FACSIMILE TRANSMITTAL HEADER SHEET FAX TRANSMITTAL in regards to NOTIFICATION OF REPORTABLE RELEASE	Report: Biospherics Incorporated survey FAX TRANSMITTAL in regards to NOTIFICATION OF REPORTABLE RELEASE	Asbestos report															
June 25, 1996	Notification of Reportable Release 06251996 07 FCA (Green-Amber-Red)	FCA (Green-Amber-Red) (blank)	Report: Proposed Action and Assessment for Base Realignment and Closure (BRAC) APPENDIX I																
March 2010	North Penn DOPAA Final_March 17 2010	Federal Register Notice of Recognition of LRA 0002-Cover spine Norristown FFA	Report: Spine page- FFR																
September 2003	0004-Dividers	FFR Divider Pages	Report: Dividers (blank)																
September 2003	05 Scan	FFR Preparation signature page	Report: Cover page- FFR (signed)																
September 2003	05 Scan.pdf	FFR Preparation signature page (PDF)	Report: Cover page- FFR (signed)																
September 2003	0001-cover Norristown FFA	FFR Report Cover Page	Report: Cover page- FFR																
September 2003	0003-TOC Norristown PA FFA	FFR Table of Contents	Report: Table of Contents																
September 30, 2010	N Penn boring data 01 Site and Floor Plans	FIGURES	Appendix: bhates associates (partial) - already part of another report as final figures, tables, and boring logs																
April 2007	North Penn_Final ECP Report	FINAL ENVIRONMENTAL CONDITION OF PROPERTY REPORT	Report: Final ECP report (has previous EDR)	Entire site	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
April 2007	Encl 7 North Penn USARC ECP	Report; April 2007 by CH2M Hill under contract with USACE (like a Phase I ESA)	Report: Final ECP report (has previous EDR)	Former 5,000 gallon diesel UST,	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
April 2007	Encl 7 North Penn USARC ECP	Report; April 2007 by CH2M Hill under contract with USACE (like a Phase I ESA) FINAL FINDING OF NO SIGNIFICANT IMPACT (FNSI) FOR BRAC 05 RECOMMENDATIONS FOR CLOSURE OF THE NORTH PENN MEMORIAL UNITED STATES ARMY RESERVE CENTER	Report: Final ECP report (has previous EDR)	Entire site	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
April 11, 2011	Reuse signed FONSI	FINAL REPORT AND RECOMMENDATION OF THE NORTH PENN USARC LRA CONCERNING THE REUSE OF THE NORTH PENN USARC WORCESTER TOWNSHIP, PA	Report: BRAC 05 Recommendations for Closure	summary letter															
March 2010	North Penn DOPAA Final_March 17 2010	Final Report and Recommendation of the North Penn USARC LRA Concerning the reuse of the North Penn USARC Worcester TWP, PA	Report: Proposed Action and Assessment for Base Realignment and Closure (BRAC)																
November 1993	Lead Abatement Report (4) Facilities Discharge Monitoring Rot - May 1997	Center Final Report Lead Abatement US Army Reserve	Report: Lead Abatement																
April 30, 1997	Potable Water Test-Apr 1997	FINAL REPORT OF ANALYSES	Analytical: Johnston Laboratories																
April 16, 1997	Potable Water System Testing-Nov 1996	FINAL REPORT OF ANALYSES	Analytical: Johnston Laboratories, Inc.																
November 8, 1996	Potable Water System Testing-Nov 1996	FINAL REPORT OF ANALYSES	Analytical: potable water results																
November 8, 1996	Potable Water System Testing-Nov 1996	Final Report of Analyses USARC North Penn	Analytical: Drinking water																
November 1993	Lead Abatement Report (4) Facilities Encl 7 North Penn USARC ECP	FINAL REPORT OF LEAD ABATEMENT Final Site Assessment Reports	Report: Lead Abatement history of USARC																
July 2011	Encl 7 North Penn USARC ECP	Final-Phase II Environmental Condition of Property in Support of BRAC by Bhate	Final Phase II: bhate associates	former 5,000 gal diesel UST;				X	X	X					X				
November 2012	Encl 9 North Penn USARC FOST	FINDING OF SUITABILITY TO TRANSFER (FOST)	Report: Finding of Stability to Transfer (FOST)	Former 250-gallon Waste Oil AST, West Side of OMS,	X	X	X	X	X	X	X	X	X	X	X	X		X	
September 2012	FOST September 2012	FINDING OF SUITABILITY TO TRANSFER (FOST)	Report		X	X	X	X	X	X	X	X	X	X	X	X		X	X
November 2012	PA North Penn FOST 8 Nov 12	FINDING OF SUITABILITY TO TRANSFER (FOST)	Report: Finding of Stability to Transfer (FOST)									X							
March 1989	USATHAMA Property Report March 1989	USATHAMA Property Report							X		X				X		X		X
March 2, 1994	15 Rifle Range	Form - S & W Waste Inc Lead Contaminated Sand	S & E Waste, Inc.																

North Penn USARC Phase I
Historic Document Review Summary Table

Date	File Title	Document Title	What	Additional Area(s) of Concern	A. Transcoil	B. Onsite Spills Area	C. 1,500 gal fuel oil UST	D. 1,000 gal gas UST	E. No. 2 fuel oil spill next to potable well	F. 20,000 gal No. 2 UST	G. Oil-like substance in drainage ditch	H. Former Nike missile silos	I. PCBs in transformers	J. Groundwater supply well	K. Property-wide groundwater impacts	L. Nike missile launch area/fire training burn site	M. Nike missile base - Buildings area	N. Oil water separator and OMS building	O. USTs and ASTs with "removal documentation unavailable".	
February 12, 1998	10 Arms Vault Certification	Form - Security Construction Statement North Penn US Army Reserve Center	Security construction statement																	
December 14, 1987	TRANSCOIL INC Ltr-Ground Water-10 Dec 1987	Fort Indiantown Gap Full Facility Assessment - Building Environmental Recommendations/Comments	Letter: Transcoil Inc. - groundwater testing																	
September 22, 2003	0034-BUILDING maint overall	Full Facility Assessment - facility overview	Report: maintenance building	sewage treatment system, An added issue is that a local adult care facility discharges its effluent from off site into the facility's system. This has been a mutually beneficial																
September 22, 2003	0020-Facility Overview	Full Facility Assessment - Life Safety Recommendations/Comments	Report: facility overview								X									
September 22, 2003	0033-CODE COMP training overall	Full Facility Assessment - Maintenance Building Code Recommendations/Comments	Report: training building code																	
September 22, 2003	0035-CODE COMP maint overall	Full Facility Assessment - Executive Summary	Report: maintenance building code																	
September 22, 2003	0015-Executive Summary	Full Facility Assessment Executive Summary	Report: executive summary																	
March 19, 2013	FW Nike base	FW: Nike Base	Email: Nike base (w/ attachments), groundwater analytical results											X						
March 2010	North Penn DOPAA Final_March 17 2010	GOOGLE ARIEL OF SITE Groundwater System, Estimation of Aquifer Hydraulic Properties, and Effects of Pumping on Groundwater Flow in Triassic Sedimentary Rocks in and near Lansdale, Pennsylvania	Report: Proposed Action and Assessment for Base Realignment and Closure (BRAC) APPENDIX II																	
1999	Encl 7 North Penn USARC ECP	HAZARDOUS WASTE INSPECTION REPORT TRANSPORTERS-PART A	Letter: Hazardous Waste Inspection Report Transporters summarizes PADEP's inspection of the OMS building	nothing specific to the Site																
April 6, 2005	PADEP Hazardous Waste Inspection Rpt-Apr 2005	HAZARDOUS WASTE INSPECTION REPORT TRANSPORTERS-PART A	Letter: Hazardous Waste Inspection Report Transporters summarizes PADEP's inspection of the OMS building																	
2005	Encl 7 North Penn USARC ECP	HAZARDOUS WASTE INSPECTION REPORT TRANSPORTERS-PART A	Letter: Hazardous Waste Inspection Report Transporters summarizes PADEP's inspection of the OMS building																	X
April 2-6, 1995	Hazardous Waste Consultation-Apr 1995	CONSULTATION #37-10565-95 79TH ARMY RESERVE COMMAND PENNSYLVANIA	Report: Hazardous Waste Management Findings										X							
April 2-6, 1995	Hazardous Waste-Consultation-Apr 95	CONSULTATION #37-10565-95 79TH ARMY RESERVE COMMAND PENNSYLVANIA	Report: Hazardous Waste Management Findings										X							
April 2-6, 1995	Hazardous Waste-Consultation-Apr 95	10565-95 79th Army Reserve Command Pennsylvania 2-6 April 1995	Report: Hazardous Waste Management Findings										X							
December 1984	Historical Overview of NIKE Miss 6 System December 1984	Historical Overview of the Nike Missile System		fenceline NPDES (sewage) discharge to dry swale of Stony Creek							X									
April 3, 2000	Application for NPDES Permit-Apr 2000	North Penn Memorial USAR Center PA0042129	Letter: Application for NPDES Permit																	
March 2010	North Penn DOPAA Final_March 17 2010	HOMELSS ASSISTANCE SUBMISSION	Report: Proposed Action and Assessment for Base Realignment and Closure (BRAC) APPENDIX IV																	
March 2010	North Penn DOPAA Final_March 17 2010	ILLUSTRATIVE LIST OF PERMISSIBLE PUBLIC BENEFIT CONVEYANCES	Report: Proposed Action and Assessment for Base Realignment and Closure (BRAC) APPENDIX II																	
March 7, 2003	00 - Appendix item divider pages	Index Divider pages	Report: Appendices (blank)																	
March 7, 2003	04 Property Utilization Profile	Individual property utilization profile	Property profile																	
March 2010	North Penn DOPAA Final_March 17 2010	Information Packet Distributed at Public Workshop and Provided to Individuals and Organizations upon Request	Report: Proposed Action and Assessment for Base Realignment and Closure (BRAC) APPENDIX II																	
February 1995	Installation Restoration Program-Feb 1995	Installation Restoration Program Installation Action Plan	Report: Installation Restoration/ Action Plan	general information on missiles and missile battery							X									
February 1995	Installation Restoration Program-Feb 1995	Installation Restoration Program Installation Action Plan	Report: Installation Restoration/ Action Plan	general history on missiles and missile battery							X									
November 1993	ISCP-Nov 1993	Penn Memorial US Army Reserve Center Berks and Potshop Road Worcester, PA	Spill Prevention Control and Countermeasures Plan																	
March 2010	North Penn DOPAA Final_March 17 2010	INSTRUCTIONS FOR COMPLETING NOTICE OF INTEREST	Report: Proposed Action and Assessment for Base Realignment and Closure (BRAC) APPENDIX II																	
December 31, 1993	Invoice-Treatment Plant Ops-Dec 1993	Invoice For Services Rendered	Invoice: Treatment Plant Operations																	
April 2007	North Penn_Final ECP Report	Lancaster Laboratories ANALYSIS REPORT	Report: Final ECP report (has previous EDR)																	
April 2007	North Penn_Final ECP Report	Lancaster Laboratories ANALYSIS REPORT	Report: Final ECP report (has previous EDR)																	
January 4, 1994	Lead Abatement Project - Jan 1994	NORTH PENN US ARMY RESERVE CENTER WORCESTER, PA 19490-9999	Summary: Lead Abatement																	
January 4, 1994	pa139_lead_range-clearance_jan94	NORTH PENN US ARMY RESERVE CENTER WORCESTER, PA 19490-9999	Summary: Lead Abatement																	
1994	Encl 7 North Penn USARC ECP	Lead Abatement Project Monitoring North Penn USAR Center		Lead																
December 2004	Lead-Based Paint-Asbestos & Radon Inspections-Dec 2004	LEAD-BASED PAINT, ASBESTOS-CONTAINING MATERIAL, AND RADON INSPECTIONS	Report: Asbestos, Lead,& Radon inspections																	
December 2004	Lead-Based Paint-Asbestos & Radon Inspections-Dec 2004	LEAD-BASED PAINT, ASBESTOS-CONTAINING MATERIAL, AND RADON INSPECTIONS	Report: Asbestos, Lead,& Radon inspections																	
December 2004	Lead-Based Paint-Asbestos & Radon Inspections-Dec 2004	LEAD-BASED PAINT, ASBESTOS-CONTAINING MATERIAL, AND RADON INSPECTIONS	Report: Asbestos, Lead,& Radon inspections																	

North Penn USARC Phase I
Historic Document Review Summary Table

Date	File Title	Document Title	What	A. Transition	B. Onsite Spills Area	C. 1,500 gal fuel oil UST	D. 1,000 gal gas UST	E. No. 2 fuel oil spill next to potable well	F. 20,000 gal No. 2 UST	G. Oil-like substance in drainage ditch	H. Former Nike missile silos	I. PCBs in transformers	J. Groundwater supply well	K. Property-wide groundwater impacts	L. Nike missile launch area/fire training burn site	M. Nike missile base - Buildings area	N. Oil water separator and OMS building	O. USTs and ASTs with "removal documentation unavailable".
March 1993	Discharge Monitoring Rpt - Mar 1993	NATIONAL POLLUTANT DISCHARGE ELIMINATIONS SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)	Report: Discharge Monitoring Report															
March 1996	Discharge Monitoring Rpt - Mar 1996	NATIONAL POLLUTANT DISCHARGE ELIMINATIONS SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)	Report: Discharge Monitoring Report															
May 1996	Discharge Monitoring Rpt - May 1996	NATIONAL POLLUTANT DISCHARGE ELIMINATIONS SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)	Report: Discharge Monitoring Report															
November 1992	Discharge Monitoring Rpt - Nov 1992	NATIONAL POLLUTANT DISCHARGE ELIMINATIONS SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)	Report: Discharge Monitoring Report															
November 1995	Discharge Monitoring Rpt - Nov 1995	NATIONAL POLLUTANT DISCHARGE ELIMINATIONS SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)	Report: Discharge Monitoring Report															
November 1996	Discharge Monitoring Rpt - Nov 1996	NATIONAL POLLUTANT DISCHARGE ELIMINATIONS SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)	Report: Discharge Monitoring Report															
October 1992	Discharge Monitoring Rpt - Oct 1992	NATIONAL POLLUTANT DISCHARGE ELIMINATIONS SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)	Report: Discharge Monitoring Report															
October 1996	Discharge Monitoring Rpt - Oct 1996	NATIONAL POLLUTANT DISCHARGE ELIMINATIONS SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)	Report: Discharge Monitoring Report															
September 1993	Discharge Monitoring Rpt - Sep 1993	NATIONAL POLLUTANT DISCHARGE ELIMINATIONS SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)	Report: Discharge Monitoring Report															
September 1996	Discharge Monitoring Rpt - Sep 1996	NATIONAL POLLUTANT DISCHARGE ELIMINATIONS SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)	Report: Discharge Monitoring Report															
May 25, 1993	Discharge Monitoring Rpt - Apr 1993	Non-Compliance with Effluent Limitation Report	Report: Discharge Monitoring Report															
June 16, 1993	Discharge Monitoring Rpt - May 1993	Non-Compliance with Effluent Limitation Report	Report: Discharge Monitoring Report															
-	20 Norristown-Draft-Comment1	Harold Miller	form Harold Miller (duplicate)															
November 1993	ISCP-Nov 1993	CENTER BERKS AND POTSHOP ROAD WORCESTER, PA 19490-9999	SOP: Installation Spill Contingency Plan															
September 8, 1993	PADER NPDES Permit Ltr - Sep 1993	Re: Sewage No. PA0042129	Report: NPDES Permit															
1995	Encl 7 North Penn USARC ECP	North Penn USAR Center Asbestos Plan	absestos															
November 22, 2004	PADEP Cancellation of Sewage Permit-Nov 1994	APS No. 502413, AUTH No. 527346 United States Army Fort Indiantown	Report: response to NPDES termination															
1996	Encl 7 North Penn USARC ECP	North Penn USARC Change of Public Water Supply Status Letter	Letter to change of status from public water supply to inactive															
November 4, 1993	PADEP-Water Testing Issues-Nov 1993	Re: I.D. #1460840 Pennsylvania Safe Drinking	Letter: Public water supply										X					
April 2007	North Penn_Final ECP Report	NORTH PENN USARC SOIL DISPOSAL MAPS AND DRAWINGS	Report: Final ECP report (has previous EDR)															
March 1995	Fenceline March 1995	NORTH PENNSYLVANIA USARC WORCESTER, PA	Report															
June 18, 1996	Notification of Reportable Release 06201996	NOTIFICATION OF REPORTABLE RELEASE	NOTIFICATION OF REPORTABLE RELEASE															
January 4, 1994	PADEP-Water Testing Issues-Jan 1994	Re: I.D. #1460840 Pennsylvania Safe Drinking Water Act Failure to Monitor	Letter: Public water supply										X					
-	13 Oil Tank Removal	Oil tank removal (blank)	Oil tank removal (blank)															
2001	Encl 7 North Penn USARC ECP	Oil/Water Separator Survey Report fo 99th Customer Support Team #1	Report: Oil/ Water Separator Survey															
January 24, 2001	Oil-Water Separator survey Report - Jan 2001	Oil/Water Separator Survey Report fo 99th Customer Support Team #1	Report: Oil/ Water Separator Survey - covered multiple USARC sites															
January 24, 2001	Oil-Water Separator survey Report - Jan 2001	OIL/WATER SEPARATOR SURVEY REPORT FOR 99TH RSC CUSTOMER SUPPORT TEAM #1	Report: Oil/ Water Separator Survey - covered multiple USARC sites															
January 24, 2001	Oil-Water Separator Survey-Jan 2001	OIL/WATER SEPARATOR SURVEY REPORT FOR 99TH RSC CUSTOMER SUPPORT TEAM #1	Report: Oil/ Water Separator Survey															
November 15, 2000	Oil-Water Separator Survey-Nov 2000	OIL/WATER SEPARATOR SURVEY REPORT FOR 99TH RSC CUSTOMER SUPPORT TEAM #1	Report: Oil/ Water Separator Survey included specifications of OWS and discharge															
March 2010	North Penn DOPAA Final_March 17 2010	OUTREACH TO PUBLIC BENEFIT ORGANIZATIONS	APPENDIX V															
-	Encl 5 North Penn USARC EA w appendices	PADEP Letter from Bureau of waste management	Fenceline soil sampling		X		X			X				X				X
January 13, 1994	Application for Transfer of Permit-Jan 1994	ROUTING AND TRANSMITTAL SLIP	Letter: Application for Permit Transfer															
January 2003	PCB Mgt partial	PCB MANAGEMENT PLAN	Report: PCB Management Plan															
2003	Encl 7 North Penn USARC ECP	PCB Management Plan																
August 12, 1992	UST Registrtrn Ltr-Aug 1992	Pennsylvania Department of Environmental Resources Division of Storage Tanks P.O. Box 8762 Harrisburg, Pennsylvania 17105-8762	Letter: UST registration						X									
August 12, 1992	UST Registrtrn Ltr-Aug 1992	Pennsylvania Department of Environmental Resources Division of Storage Tanks P.O. Box 8762 Harrisburg, Pennsylvania 17105-8762	Letter: UST registration						X									
November 27, 1995	Phone Notification of Contaminants-Release For Storage Tanks 11271995	PHONE NOTIFICATION OF CONTAMINATION/RELEASE FOR STORAGE TANK PROGRAM	PHONE NOTIFICATION OF CONTAMINATION/RELEASE FOR STORAGE TANK PROGRAM						X									
-	08 Physical Security Survey	Physical security survey (blank)	Physical security survey (blank)															

North Penn USARC Phase I
Historic Document Review Summary Table

Date	File Title	Document Title	What	Additional Area(s) of Concern	A. Transition	B. Onsite Spoils Area	C. 1,500 gal fuel oil UST	D. 1,000 gal gas UST	E. No. 2 fuel oil spill next to potable well	F. 20,000 gal No. 2 UST	G. Oil-like substance in drainage ditch	H. Former Nike missile silos	I. PCBs in transformers	J. Groundwater supply well	K. Property-wide groundwater impacts	L. Nike missile launch area/fire training burn site	M. Nike missile base - Buildings area	N. Oil water separator and OMS building	O. USTs and ASTs with "removal documentation unavailable".	
October 29, 1992	Lead Abatement Project - Oct 1992	SUBJECT: Lead Abatement Project-D.O. #0005 Additional Sampling Services Site: North Penn USARC G&H No.:91312.A RE: Response to Comments on Phase II Environmental Condition of Property Report North Penn USARC (PA139)	Summary: Lead Abatement																	
May 4, 2012	Response to Comments on Phase II May 2012	SUBJECT: North Penn USARC Center (PA139) E2FA Site Visit	Letter from Army to PADEP	5,000 gallon diesel UST											X					X
July 9, 2000	ECAS-416 EN-Jul 2000	Contract-Replace Sewage Treatment Plant-Aug 1993	Summary: Site visit (cover letter) Letter: contract to replace sewage treatment plant																	
August 21, 1993	Transmittal Ltr -ACM-Lead Based Paint & Radon Inspection (1)	Project: USARC-North Penn & Horsham, PA ACM, LBP, and Radon Sampling DACA31-00-D-0023 d.o.	Letter: Lead and Radon Inspection																	
May 13, 2005	Transmittal Ltr -ACM-Lead Based Paint & Radon Inspections- M	Project: USARC-North Penn & Horsham, PA ACM, LBP and Radon Sampling DACA31-00-D-0023 d.o.	Letter: Lead and Radon Inspection																	
May 13, 2005	Email -Construction of Mounded Septic System-May 2004	Subject: RE: North Penn Start Date	Email: construction for mounded septic system																	
May 27, 2004	UST Closure Report-Jun 1996	UNDERGROUND STORAGE TANK CLOSURE NOTIFICATION FORM	Letter: tank closure				X													
May 4, 2012	Response to Comments on Phase II August 2012	Response to Comments on Phase II Environmental Conditions of Property Report	Response to the Army's response letter to the PADEP's comment letter dated							X					X					
-	19 Supplementary Notes on Building Codes	Supplementary Notes on Building Codes	Supplementary Notes on Building Codes Report: Proposed Action and Assessment for Base Realignment and Closure (BRAC) APPENDIX I Report: Finding of Stability to Transfer (FST)																	
March 2010	North Penn DOPAA Final_March 17 2010	SURPLUS PROPERTY DECLARATION AND FORMATION OF LRA	Report: Finding of Stability to Transfer (FST)																	
November 2012	PA North Penn FOST 8 Nov 12	TABLE 1-DESCRIPTION OF PROPERTY	Report: Finding of Stability to Transfer (FST)																	
November 2012	PA North Penn FOST 8 Nov 12	TABLE 2-NOTIFICATION OF HAZARDOUS SUBSTANCE STORAGE, RELEASE, OR DISPOSAL	Report: Finding of Stability to Transfer (FST)																	
November 2012	PA North Penn FOST 8 Nov 12	TABLE 3-NOTIFICATION OF PETROLEUM PRODUCT STORAGE, RELEASE, OR DISPOSAL	Report: Finding of Stability to Transfer (FST)																	
June 1996	Former 1000 Gallon UST Tank no. 002 07152011	TANK CLOSURE REPORT					X													
June 1996	letter to PADEP close out 1000g UST_final Encl 7 North Penn USARC ECP	TANK CLOSURE REPORT Tank Closure Report for North Penn USARC Center TANK CLOSURE REPORT FOR NORTH PENN USARC 1625 BERKS RD. NORRISTOWN, PA 19403					X													
June 1996	UST Closure Report-Jun 1996 - Complete	CONTRACT NO. DACA31-95-D-0106 DELIVERY	Report: DEP Tank Closure Report Report: Final ECP report (has previous EDR)				X													
November 26, 1990	North Penn_Final ECP Report	TANK TECH																		
March 2, 1994	Water Issues -Mar 1994	MEMORANDUM TO: MICHELLE ALTIERI	Memo: Water issues																	
April 2007	North Penn_Final ECP Report	TANK TECHNOLOGIES, INC TANK DISPOSAL MANIFEST	Report: Final ECP report (has previous EDR) letter from the USARC Center to PADEP requesting the termination of the NPDES permit associated with the former sewage treatment plant																	
2004	Encl 7 North Penn USARC ECP North Penn_Final ECP Report	Termination of NPDES Permit, PADEP The ERD Radius Map with GeoCheck																		
November 16-17, 1995	17 416th Facility Assessment	TOTAL FACILITY ASSESSMENT REPORT	Report: Total Facility Assessment (partial)																	
November 16-17, 1995	Total Facility Assessment-Nov 1995	TOTAL FACILITY ASSESSMENT REPORT	Report: Total Facility Assessment																	
November 16-17, 1995	Total Facility Assessment-Nov 1995	TOTAL FACILITY ASSESSMENT REPORT	Report: Total Facility Assessment																	
May 17, 1995	Water Test Issues - May 1995	MEMORANDUM FOR SUBJECT: Status of North Penn USARC Water System	Letter: Water issues																	
October 15, 2004	Memo-Termination of NPDES permit-Oct 2004	Tripart Report Phase II Environmental Condition Report in support of BRAC Type NPDES Worcester Township Montgomery County -Termination	Letter: NPDES termination																	request to cancel NPDES Permit
October 15, 2004	Memo-Termination of NPDES permit-Oct 2004	File Type: NPDES Worcester Township Montgomery County	Letter: NPDES termination																	request to cancel NPDES Permit
June 19, 1996	Underground Storage Tank Closure Notification Form 06191996	UNDERGROUND STORAGE TANK CLOSURE NOTIFICATION FORM 1,000 GAL																		
June 19, 1996	Underground Storage Tank Closure Report Form 06191996	UNDERGROUND STORAGE TANK CLOSURE NOTIFICATION FORM 1,000 GAL																		
November 56, 1995	Underground Storage Tank Closure Notification Form 11061995	UNDERGROUND STORAGE TANK CLOSURE NOTIFICATION FORM 20,000 GAL	CLOSE OUT UST Form						X											
August 31, 1994	Water Test-1-Jul 1994	USAR-North Penn Wastewater Treatment Plant and Potable Water Chlorination Facility for the	Letter: Monthly operations an conditions report																	
-	North Penn Norristown, PA 139 - Upgrades	Spreadsheet - North Penn Norristown, PA 139 - Upgrades	Report: upgrade																	
December 1989	Discharge Monitoring Rpt - Dec 1989	USAR Center Berks Potshop Roads, Worcester, PA 19490 Sewage Treatment Plant	Report: Discharge Monitoring Report																	

Detailed Facility Report

Facility Summary

NORTH PENN USARC
1625 BERKS RD, NORRISTOWN, PA 19403

Facility Information (FRS)

FRS ID: 110006538032
 EPA Region: 03
 Latitude: 40.178128
 Longitude: -75.336662
 Industry:
 Indian Country: N

Regulatory Interests

Clean Air Act:
 Clean Water Act:
 Resource Conservation and Recovery Act: Active CESQG (PAR000502542)
 Safe Drinking Water Act:

Also Reports

Air Emissions Inventory (EIS):
 Greenhouse Gas Emissions (eGGRT):
 Toxic Releases (TRI):

Enforcement and Compliance Summary

Statute	Insp (5 Years)	Date of Last Inspection	Current Compliance Status	Qtrs in NC (of 12)	Qtrs in Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	EPA Cases	Penalties (5 years)
RCRA	--	null	No Violation	0	0	--	--	--	--

Facility/System Characteristics

Facility/System Characteristics

Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
	110006538032		--	--	null	N	40.178128	-75.336662
RCRA	PAR000502542	CESQG	Active	--	null	--	--	--

Facility Contact Information

System	Identifier	Facility Name	Facility Address	Contact Name	Contact Telephone
FRS	110006538032	NORTH PENN USARC	1625 BERKS RD, NORRISTOWN, PA 19403	x	x
RCR	PAR000502542	NORTH PENN USARC	1625 BERKS RD, NORRISTOWN, PA 194034815	x	x

Facility SIC Codes

System	Identifier	SIC Code	SIC Desc
No data records returned			

Facility NAICS Codes

System	Identifier	NAICS Code	NAICS Desc
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
No data records returned						

Compliance Summary Data

Statute	Source ID	Current SNC/HPV	Description	Current As Of	Qtrs in NC (of 12)
RCRA	PAR000502542	No	--	01/04/2014	0

Three Year Compliance Status by Quarter

Statute Program/Pollutant/Violation Type QTR 1 QTR 2 QTR 3 QTR 4 QTR 5 QTR 6 QTR 7 QTR 8 QTR 9 QTR 10 QTR 11 QTR 12

Informal Enforcement Actions (5 Years)

Statute	Source ID	Type of Action	Lead Agency	Date
No data records returned				

Formal Enforcement Actions (5 Years)

Statute	Source ID	Type of Action	Lead Agency	Date	Penalty	Penalty Description
No data records returned						

ICIS Case History

Primary Law/Section	Case No.	Case Type	Lead Agency	Case Name	Issued/Filed Date	Settlement Date	Federal Penalty	State/Local Penalty	SEP Cost
No data records returned									

Environmental Conditions

Water Quality

Permit ID	Watershed (HUC 8)	Watershed Name (HUC 8)	Watershed (HUC 12)	Watershed Name (HUC 12)	Receiving Waters	Impaired Waters	Combined Sewer System?
110006538032	02040203	SCHUYLKILL	020402031005	Stony Creek	--	--	--

Air Quality

Non-Attainment Area?	Pollutant(s)
Yes	Ozone
No	Lead
Yes	Particulate Matter

Pollutants

TRI History of Reported Chemicals Released in Pounds per Year at Site

Year	Total Air Emissions	Surface Water Discharges	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases
No data records returned						

TRI Total Releases and Transfers by Chemical and Year

Chemical Name
No data records returned

Demographic Profile

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 US Census and American Community Survey data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA Locational Reference Table (LRT) when available.

Radius of Area:	3	Land Area:	100%	Households in Area:	14,582
Center latitude:	40.178128	Water Area:	0%	Housing Units in Area:	15,357
Center Longitude:	-75.336662	Population Density:	1,312/sq.mi.	Households on Public Assistance:	112
Total Persons:	37,009	Percent Minority:	17%	Persons Below Poverty Level:	3,218
Race Breakdown	Persons (%)	Age Breakdown	Persons (%)		
White:	30,810 (83.25%)	Child 5 years and younger:	1,977 (5.34%)		
African-American:	1,987 (5.37%)	Minors 17 years and younger:	7,797 (21.07%)		
Hispanic-Origin:	926 (2.5%)	Adults 18 years and older:	29,211 (78.93%)		
Asian/Pacific Islander:	3,415 (9.23%)	Seniors 65 years and older:	6,590 (17.81%)		
American Indian:	23 (.06%)				
Other/Multiracial:	772 (2.09%)				
Education Level (Persons 25 & older)	Persons (%)	Income Breakdown	Households (%)		
Less than 9th Grade:	410 (1.5%)	Less than \$15,000:	13,629 (49.97%)		
9th through 12th Grade:	843 (3.09%)	\$15,000 - \$25,000:	627 (4.22%)		
High School Diploma:	6,187 (22.68%)	\$25,000 - \$50,000:	2,215 (14.92%)		
Some College/2-yr:	6,205 (22.75%)	\$50,000 - \$75,000:	2,298 (15.48%)		
B.S./B.A. or More:	13,629 (49.97%)	Greater than \$75,000:	9,128 (61.5%)		

North Penn USARC

1625 Berks Road
Norristown, PA 19403

Inquiry Number: 3842278.7S
February 3, 2014

The EDR Environmental LienSearch™ Report



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

EDR Environmental LienSearch™ Report

The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

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

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EDR Environmental LienSearch™ Report

TARGET PROPERTY INFORMATION

ADDRESS

1625 BERKS ROAD
NORRISTOWN, PA 19403

RESEARCH SOURCE

Official Public Records
Montgomery County, PA

PROPERTY INFORMATION

Type of Deed:	n/a
Title is vested in:	US Army Engineer – Chief Real Estate Division
Deed Dated:	n/a
Deed Recorded:	n/a
Book:	n/a
Page:	n/a

Miscellaneous Comments: No deed of ownership found during the time period searched. Ownership verified with the Montgomery County property assessor's office. See attached property card print out.

Legal Description:	See attached
Legal Current Owner:	US Army Engineer – Chief Real Estate Division
Property Identifiers:	67-00-00316-004
Comments:	

EDR Environmental LienSearch™ Report

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found

If found:

1st Party:

2nd Party:

Dated:

Recorded:

Book:

Page:

Docket:

Volume:

Instrument:

Comments:

Miscellaneous:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found Not Found

If found:

1st Party: Commonwealth of Pennsylvania

2nd Party: U.S. Army, Fort Indiantown cap

Dated: 9-12-1991

Recorded: 9-24-1991

Book: 4987

Page: 1150

Docket:

Volume:

Instrument: Authorization to discharge under the national Pollutant Discharge Elimination System Sewage Permit.

Comments:

Miscellaneous:

EDR Environmental LienSearch™ Report

PROPERTY CARD EXHIBIT

PARID: 670000316004
 CHIEF REAL ESTATE DIVISION

BERKS RD

Parcel

TaxMapID 67019 036
 Parid 67-00-00316-00-4
 Land Use Code 9910
 Land Use Description E - EXEMPT- FEDERAL GOVERNMENT
 Property Location BERKS RD
 Lot #
 Lot Size 16.94 ACRES
 Zoning AGR
 Front Feet 475
 Municipality WORCESTER
 School District METHACTON
 Utilities WELL/SEPTIC/

Owner

Name(s) CHIEF REAL ESTATE DIVISION
 Name(s)
 Mailing Address U S ARMY ENGINEER DIST
 Care Of
 Mailing Address P O BOX 1715
 Mailing Address BALTIMORE MA 21203

Current Assessment

Appraised Value	Assessed Value	Restrict Code
2,597,830	2,597,830	Exempt

Estimated Taxes

County	0
Municipality	0
School District	0
Total	0
Tax Lien	No

Last Sale

Sale Date
 Sale Price
 Tax Stamps
 Deed Book and Page
 Grantor
 Grantee
 Date Recorded

Lot Information

Lot Size 16.94 ACRES
 Lot #
 Remarks B 17 U 49
 Remarks
 Remarks

Commercial Parcel Summary

No. of Cards 2
 Land Use Code 9910
 Gross Building Area (Total of all Cards) 45216
 Net Building Area (Total of all Cards) 45216
 Total Living Units

Commercial Parcel Summary

Use	Area	
AUTO PARTS/SERVICE		6,762
AUDITORIUM/THEATER		5,400
MULTI-USE OFFICE		27,912
MULTI USE STORAGE		5,142

Commercial Card Summary

1 of 2

Card 1
 Imp Name US ARMY RESERVE CENTER
 Structure Code 660

Structure	POLICE/FIRE STATIONS
Sprinkler	N
Units	
Identical Units	1
Year Built	1975
Gross Building Area	
Elevator/Escalator	N

Accessory Structures

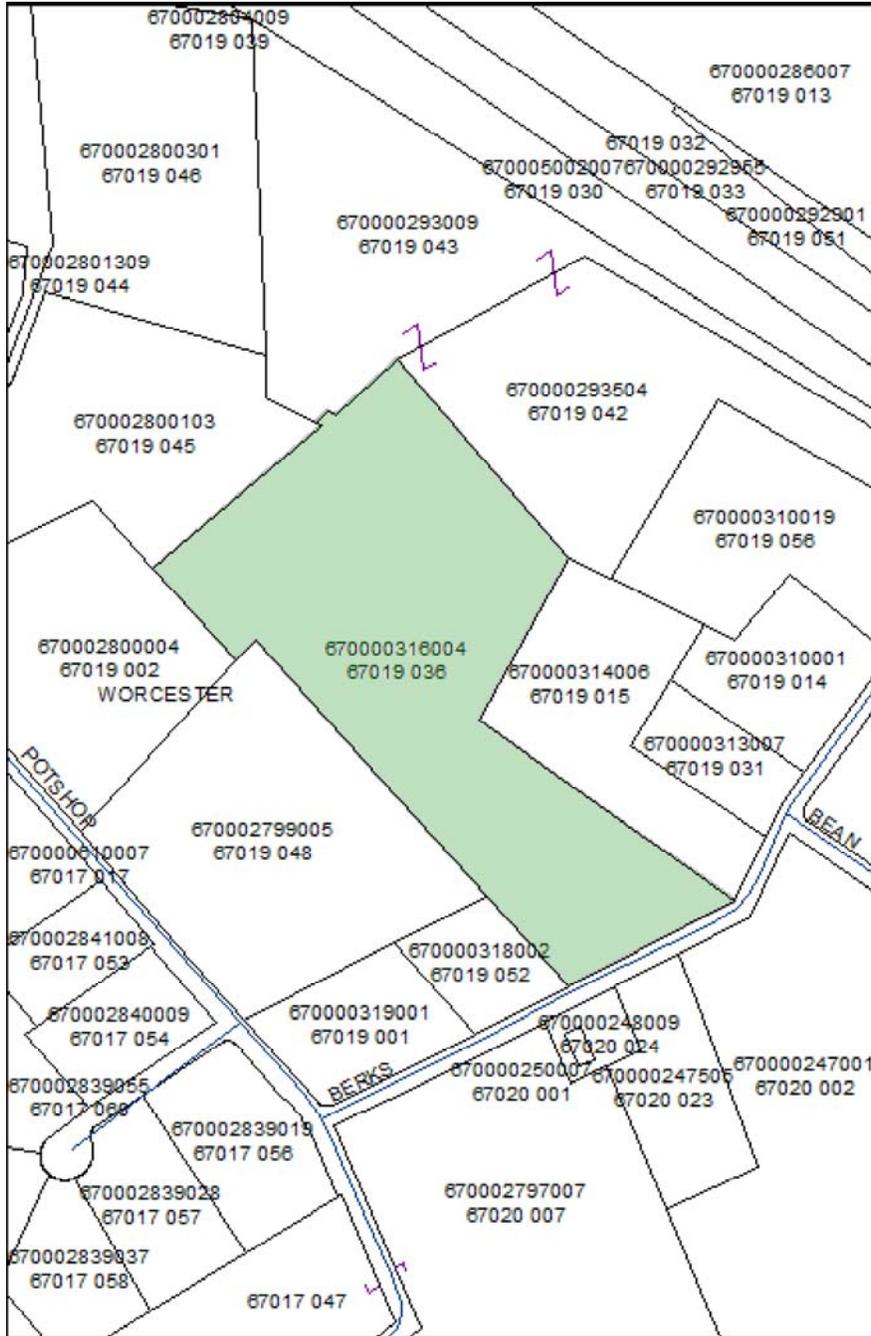
Card	Type	Type	Size	Year Built
1	PA3	PAVING, ASPHALT W/LIGHTING	50000	1975
1	SH1	FRAME MACHINERY SHED	322	1975
1	TN2	TANK, STEEL STORAGE	47000	1975
1	FN1	FENCE - CHAIN LINK	22380	1975
1	PA2	PAVING ASPHALT/CONCRETE	30000	1975
1	RS1	FRAME UTILITY SHED	651	1975
1	SH1	FRAME MACHINERY SHED	100	1994
1	SH1	FRAME MACHINERY SHED	72	1975

Assessment History

Appraised Value	Assessed Value	Restrict Code	Effective Date	Reason	Notice Date
2,597,830	2,597,830	Exempt		O	27-JUN-97
	2,597,830	Exempt	01-JAN-98	REASSESSMENT	
	110,500	Exempt	01-JAN-87		

PARID: 670000316004
CHIEF REAL ESTATE DIVISION

BERKS RD



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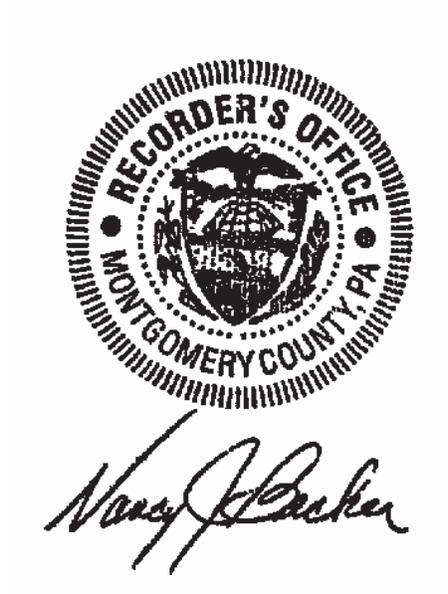
EDR Environmental LienSearch™ Report

**ACTIVITY AND USE LIMITATION (AULS)
EXHIBITS**

RECORDER OF DEEDS
MONTGOMERY COUNTY
Nancy J. Becker

One Montgomery Plaza
Swede and Airy Streets ~ Suite 303
P.O. Box 311 ~ Norristown, PA 19404
Office: (610) 278-3289 ~ Fax: (610) 278-3869

I hereby certify that the following is a true and correct
copy of the original document
recorded in Montgomery County, PA



Certification signature by montgomery.county.rod@propertyinfo.com, Validity Unknown



eCertified copy of recorded # 1991053561 (page cover of 16)
Montgomery County Recorder of Deeds
Only valid with epm-signature on cover page



013645

ER-BWQ-152, Rev. 5-87

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

**AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
SEWAGE PERMIT NO. PA 0042129**

5.00 SC
3.500
1.500
5.00

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Section 1251 et seq. (the "Act") and Pennsylvania's Clean Streams Law, as amended, 35 P.S. Section 691.1 et seq.,

U.S. Army, Fort Indiantown Gap

is hereby authorized to discharge from a facility located in
Worcester Township
Montgomery County

to the receiving waters named

Stoney Creek Tributary to Schuylkill River

in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts A, B, and C hereof.

This permit and the authorization to discharge shall expire at midnight 9/12/96.

The authority granted by this permit is subject to the following further qualifications:

1. If there is a conflict between the application, its supporting documents and/or amendments and the standard or special conditions, and the terms and conditions of this permit, the terms and conditions shall apply.
2. Failure to comply with any of the terms or conditions of this permit is grounds for enforcement action; for permit termination, revocation and reissuance or modification; or for denial of a permit renewal application.
3. It is required by law that this permit, before becoming operative, shall be recorded in the Office of the Recorder of Deeds for the county wherein the outlet of said sewer system is located.
4. Application for renewal of this permit, or notification of intent to cease discharging by the expiration date, must be submitted to the Department at least 180 days prior to the above expiration date (unless permission has been granted by the Department for submission at a later date), using the appropriate NPDES Permit Application Form. In the event that a timely and complete application for renewal has been submitted and the Department is unable, through no fault of the permittee, to reissue the permit before the above expiration date, the terms and conditions of this permit will be automatically continued and will remain fully effective and enforceable pending the grant or denial of the application for permit renewal.
5. This permit does not constitute authorization to construct or make modifications to wastewater treatment facilities necessary to meet the terms and conditions of this permit.

51 SEP 24 AM 9:54

51 SEP 24 AM 9:54

PERMIT ISSUED

DATE 9/12/91

330 49871150

BY

TITLE

Joseph A. Feola

Joseph A. Feola
Regional Water Quality Manager

(NPDW).3



PART A

I. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS FOR DISCHARGE 001:
LOCATED AT LATITUDE 40°10'38", LONGITUDE 75°19'59"

- A. During the period beginning at issuance and lasting through expiration, the Permittee is authorized to discharge.
- B. The average monthly flow of effluent discharged from the wastewater treatment facility shall not exceed 9,000 gallons per day.
- C. The quality of effluent shall be limited at all times as specified in Footnote (3) and as follows:

DISCHARGE PARAMETER	DISCHARGE LIMITATIONS				MONITORING REQUIREMENTS			
	MASS UNITS (lbs/day)		CONCENTRATIONS (mg/l)		MEASUREMENT FREQUENCY	SAMPLE TYPE	24 HOUR REPORT UNDER PART A.II.D	
AVERAGE MONTHLY	AVERAGE WEEKLY	AVERAGE ANNUAL	AVERAGE MONTHLY	AVERAGE WEEKLY				INSTANTANEOUS MAXIMUM
FLOW (MGD)						Continuous	Recorded	
CBOD-5 (5-1 to 10-31)	0.75			10	20	2/Month	8 Hr. Comp.	
CBOD-5 (11-1 to 4-30)	1.50			20	40	2/Month	8 Hr. Comp.	
SUSPENDED SOLIDS				10	20	2/Month	8 Hr. Comp.	
AMMONIA as N (5-1 to 10-31)	0.23			3	6	2/Month	8 Hr. Comp.	
AMMONIA as N (11-1 to 4-30)	0.68			9	18	2/Month	8 Hr. Comp.	
FECAL COLIFORM (5-1 to 9-30)				See Footnote (2)		2/Month	Grab	
FECAL COLIFORM (10-1 to 4-30)				Same Limits as in Footnote (2) for Period 5-1 to 9-30		2/Month	Grab	
DISSOLVED OXYGEN				Minimum of 5 mg/l at all times		Daily	Grab	
pH				Within limits of 6 to 9 Standard Units at all times		Daily *	Grab	

FOOTNOTES: 1. Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outfall 001
* Excluding days when plant is not in operation.
(NPDW).6

498701151



(Footnotes Continued)

2. Effective disinfection to control disease producing organisms during the swimming season (May 1 through September 30) shall be the production of an effluent which will contain a concentration not greater than 200/100 ml of fecal coliform organisms as a geometric average value, nor greater than 1,000/100 ml of these organisms in more than 10% of the samples tested.
3. In no case shall the arithmetic means of the effluent values of the biochemical oxygen demand (five days) and suspended solids discharged during a period of 30 consecutive days exceed 15 percent of respective arithmetic means of the influent values for those parameters during the same time period, except as specifically authorized by the permitting authority.

D. Definitions

1. The term "bypass" means the discharge of partially treated or untreated sewage from any device or structure of sewerage facilities due to a power failure, equipment failure, hydraulic overload, and/or blockage in all or any part of the sewerage facilities. This is to distinguish it from an overflow which is the systematic discharge of a mixture of partially treated or untreated sewage and stormwater from any device or structure of combined sewerage facilities which is in excess of the downstream hydraulic carrying capacity of those facilities.
2. The term "severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
3. The "average monthly flow" means the arithmetic mean of daily flow measurements taken during a calendar month.
4. The "average monthly" mass discharge means the total discharge by weight during a calendar month divided by the number of days in the month that the facility was operating. Where less than daily sampling is required by this permit, the (average) monthly mass discharge shall be determined by the summation of all the measured daily discharges by weight divided by the number of days during the calendar month when the measurements were made.
5. The "average weekly" mass discharge means the total discharge by weight during a calendar week divided by the number of days in the week that the facility was operating. Where less than daily sampling is required by this permit, the (average) weekly mass discharge shall be determined by the summation of all the measured daily discharges by weight divided by the number of days during the calendar week when the measurements were made.

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6. The "maximum daily" mass discharge means the total discharge by weight during any calendar day.
7. The "average monthly" effluent concentration means the arithmetic average of all the daily determinations of concentration made during a calendar month.
8. The "average weekly" effluent concentration means the arithmetic average of all the daily determinations of concentration made during a calendar week.
9. The "maximum daily" effluent concentration means the daily determination of concentration for any calendar day.
10. The "instantaneous maximum" concentration means the concentration not to be exceeded at any time in any grab sample.
11. The "daily determination of concentration" means the concentration of a composite sample taken during a calendar day or the arithmetic average of all grab samples taken during a calendar day.
12. The term "composite sample" means a combination of individual samples obtained at regular intervals over a time period. Either the volume of each individual sample is proportional to discharge flow rates or the sampling interval (for constant volume samples) is proportional to the flow rates over the time period used to produce the composite. The maximum time period between individual samples shall not exceed two hours.
13. The term "grab sample" means an individual sample collected in less than 15 minutes.
14. The term "measured flow" means any method of liquid volume measurement the accuracy of which has been previously demonstrated in engineering practice, or for which a relationship to absolute volume has been obtained.
15. The term "estimate" means to be based on a technical evaluation of the sources contributing to the discharge including, but not limited to, pump capabilities, water meters and batch discharge volumes.
16. The term "Industrial User" means an establishment which discharges or introduces industrial wastes into a Publicly Owned Treatment Works (POTW).
17. The term "Publicly Owned Treatment Works" or "POTW" means a facility as defined by Section 212 of the Clean Water Act which is owned by a State or Municipality, as defined by Section 502(4) of the Clean Water Act, including any sewers that convey wastewater to such a treatment works, but not including pipes, sewers or other conveyances not connected to a facility providing treatment. The term also means the municipality as defined in Section 502(4) of the Clean Water Act which has jurisdiction over the indirect discharges to and the discharges from such a treatment works.

Doc. 498731153



II. MONITORING AND REPORTING

A. Representative Sampling and Test Procedures

1. Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge.
2. Unless otherwise specified in this permit, the test procedures for analysis of pollutants shall be those contained in 40 CFR Part 136, or alternate test procedures approved pursuant to that part.

B. Self-Monitoring and Reporting Requirements

The permittee shall effectively monitor the operation and efficiency of all treatment and control facilities and the quantity and quality of the discharge. Monitoring data required by this permit shall be submitted monthly.

A Discharge Monitoring Report (DMR) properly completed and signed by the treatment plant operator in responsible charge, must be submitted within 28 days after the end of each monthly report period. Notification of the designation of the responsible operator must be submitted to the permitting agency by the permittee within 60 days after the effective date of the permit and from time to time thereafter as the operator is replaced. The DMR must be sent to the Department and the EPA Regional Office at the following addresses:

Department of Environmental Resources
Lee Park, Suite 6010
555 North Lane
Conshohocken, PA 19428

Program Management Section (3WM52)
Permits Enforcement Branch
Water Management Division
U.S. Environmental Protection Agency
Region III
841 Chestnut Building
Philadelphia, PA 19107

- C. If the permittee monitors any pollutant, using analytical methods described in Part A.2.A(2) above, more frequently than the permit requires, the results of this monitoring shall be incorporated, as appropriate, into the calculations used to report self-monitoring data on the DMR.

D. Non-Compliance Reporting

1. 24-Hour Reporting:

The permittee shall orally report to the Department within 24 hours of becoming aware of the following:

- (a) Actual or anticipated non-compliance with any term or condition of this permit which may endanger health or the environment.
- (b) Actual or anticipated non-compliance with any "maximum daily" discharge limitation which is identified in Part A1 of this permit as being either:

DP 4987-1154



- (i) A toxic pollutant effluent standard established by EPA pursuant to Section 307(a) of the Clean Water Act, or
 - (ii) A toxic or hazardous pollutant which, if not adequately treated, could constitute a threat to human health, welfare, or the environment,
 - (iii) Any pollutant identified as the method to control a toxic pollutant or hazardous substance (i.e., indicator pollutant).
- (c) Any unanticipated bypass which exceeds any effluent limitations in the permit.
- (d) Where the permittee orally reports this information within the above mentioned 24 hour time period, a written submission outlining the above information must be submitted to the Department within 5 days of becoming aware of such a condition, unless this requirement is waived by the Department upon receipt of the oral report.
2. Other Non-Compliance Reporting.
- (a) The permittee shall give advance notice to the Department of any planned changes to the permitted activity or facility which may result in non-compliance with permit requirements.
 - (b) Where the permittee knows in advance of the need for a bypass which will exceed effluent limitations it shall submit prior notice to the Department at least 10 days, if possible, before date of the bypass.
 - (c) The permittee shall report all instances of non-compliance which are not reported above at the time of DMR submission.
3. The reports and notifications required above shall contain the following information:
- (a) A description of the discharge and cause of non-compliance;
 - (b) The period of non-compliance, including exact date and times and/or the anticipated time when the discharge will return to compliance; and
 - (c) Steps being taken to reduce, eliminate, and prevent recurrence of the non-complying discharge.

4987-1155



E. Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

1. The exact place, date, and time of sampling or measurement.
2. The person(s) who performed the sampling or measurement.
3. The dates the analyses were performed.
4. The person(s) who performed the analyses.
5. The analytical techniques or methods used.
6. The results of such analyses.

F. Records Retention

All records of monitoring activities and results (including all original strip chart recordings for continuous monitoring instrumentation and calibration and maintenance records), copies of all reports required by this permit, and records of all data used to complete the application for this permit shall be retained by the permittee for three (3) years. The three year period shall be extended as requested by the Department or the EPA Regional Administrator.

6/1 4987 1156



III. SCHEDULE OF COMPLIANCE

The permittee shall achieve compliance with final effluent limitations or terminate this discharge in accordance with the following schedule:

- A. Feasibility study completion _____
- B. Final plan completion _____
- C. Start construction _____
- D. Construction progress report(s) _____
- E. End construction _____
- F. Compliance with effluent limitations _____
- G. Terminate discharge _____

No later than 14 calendar days following a date identified in the above schedule of compliance, the permittee shall submit to the Department a written notice of compliance or non-compliance with the specific schedule requirement(s). Each notice of non-compliance shall include the following information:

- A. A short description of the noncompliance.
- B. A description of any actions taken or proposed by the permittee to comply with the elapsed schedule requirement.
- C. A description of any factors which tend to explain or mitigate the noncompliance.
- D. An estimate of the date that compliance with the elapsed schedule requirement will be achieved and an assessment of the probability that the next scheduled requirement will be met on time.

BJR 4987-1157



L. MANAGEMENT REQUIREMENTS

A. Publicly Owned Treatment Works (POTW)

1. Where the permittee is a Publicly Owned Treatment Works (POTW), the permittee shall provide adequate notice as discussed in A(2) below to the Department of the following:
 - (a) Any new introduction of pollutants into the POTW from an Industrial User which would be subject to Sections 301 and 306 of the Clean Water Act if it were otherwise discharging directly into waters of the United States.
 - (b) Any substantial change in the volume or character of pollutants being introduced into the POTW by an Industrial User which was discharging into the POTW at the time of issuance of this permit.
 - (c) Any change in the quality and quantity of effluent introduced into the POTW.
 - (d) The identity of significant Industrial Users served by the POTW which are subject to pretreatment standards adopted under Section 307(b) of the Clean Water Act; the POTW shall also identify the character and volume of pollutants discharged into the POTW by the Industrial User.
2. The submission of the above information in the POTW's annual Wasteload Management Report, required under the provisions of 25 Pa. Code Chapter 94, will normally be considered as providing adequate notice to the Department. However, if the above changes in industrial pollutant loadings to the POTW are significant enough to warrant either modification or revocation and reissuance of this permit, then the permittee is required to meet the provisions of Management Requirements B below.
3. The POTW shall require all Industrial Users to comply with the reporting requirements of Sections 204(b), 307, and 308 of the Clean Water Act and any regulations adopted thereunder, and the Clean Streams Law and any regulations adopted thereunder.
4. This permit shall be modified, or alternatively, revoked and reissued, to incorporate an approved POTW pretreatment program or a compliance schedule for the development of such program as required under Section 402(b)(8) of the Clean Water Act and regulations adopted thereunder or under the Department's approved pretreatment program.

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B. Permit Modification, Termination, or Revocation and Reissuance

1. This permit may be modified, terminated, or revoked and reissued during its term for any of the causes specified in 25 Pennsylvania Code, Chapter 92.
2. The filing of a request by the permittee for a permit modification, revocation and reissuance, or a notification of planned changes or anticipated non-compliance does not stay any permit condition.
3. Notwithstanding the above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the Act for toxic pollutant which is present in the discharge authorized herein and such standard or prohibition is more stringent than any limitation upon such pollutant in this permit, this permit shall be modified or revoked and reissued in accordance with the toxic effluent standard or prohibition and the permittee shall be so notified.

In the absence of a Departmental action to modify or to revoke and reissue this permit, any toxic effluent standard or prohibition established under Section 307(a) of the Act is considered to be effective and enforceable against the permittee.

C. Right of Entry

Pursuant to Sections 5(b) and 305 of Pennsylvania Clean Streams Law and 25 Pennsylvania Code, Chapter 92, the permittee shall allow the head of the Department, the EPA Regional Administrator, and/or their authorized representatives, upon the presentation of credentials:

1. To enter upon the permittee's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this permit.
2. To have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit and other documents as may be required by law.
3. To inspect at reasonable times any monitoring equipment or monitoring method required in this permit.
4. To inspect any collection, treatment, pollution management, or discharge facilities required under the permit.
5. To sample any substances or parameters at any location.

D. Property Rights

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges; nor does it authorize any injury to private property or any invasion of personal rights.

DEC 4987 11 159



E. Duty to Provide Information

1. The permittee shall furnish to the Department within a reasonable time, any information which the Department may request to determine whether cause exists for modifying revoking and reissuing, or terminating this permit, or to determine compliance with this permit.
2. The permittee shall furnish to the Department, upon request, copies of records required to be kept by this permit.
3. **Planned changes:** The permittee shall give advance notice to the Department of any physical alterations or additions to the permitted facility.
4. **Other information:** Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Department, it shall promptly submit such facts or information to the Department.

F. Confidentiality

Except for data determined to be confidential under 25 Pennsylvania Code, Chapter 92, all required reports shall be available for public inspection at the offices of the Department and the EPA Regional Administrator. Effluent data shall not be considered confidential.

G. Facility Operation and Quality Control

The permittee shall at all times maintain in good working order and properly operate all facilities and systems (and related appurtenances) for collection and treatment which are installed or used by the permittee for water pollution control and abatement to achieve compliance with the terms and conditions of the permit. Proper operation and maintenance includes but is not limited to effective performance based on designed facility removals, adequate funding, effective management, adequate operator staffing and training, and adequate laboratory and processing controls including appropriate quality assurance procedures. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with this permit.

H. Bypassing

1. **Bypassing Not Exceeding Permit Limitations:** The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if the bypass is for essential maintenance to assure efficient operation. This type of bypassing is not subject to the reporting and notification requirements of Part A.2.D above.

200 498721160



2. In all other situations, bypassing is prohibited unless the following conditions are met:
 - (a) A bypass is unavoidable to prevent loss of life, personal injury or "severe property damage";
 - (b) There are no feasible alternatives to a bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment down-time; (This condition is not satisfied if the permittee could have installed adequate backup equipment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance.); and
 - (c) The permittee submitted the necessary reports required under Part A.2.D. above.
3. The Department may approve an anticipated bypass, after considering its adverse effects, if the Department determines that it will meet the conditions listed under Part B.L2. above.

L. Adverse Impact

Permittee shall take all reasonable steps to minimize any adverse impact on the environment resulting from noncompliance with this permit.

J. Solids Disposal

Collected screenings, slurries, sludges, and other solids shall be disposed of in such a manner as to prevent entry of those waters (or runoff from the wastes) into waters of the Commonwealth.

K. Penalties and Liability

1. Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 of the Act.
2. Nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for non-compliance pursuant to Section 309 of the Clean Water Act or Sections 602 or 605 of the Clean Streams Law.

L. Transfer of Ownership or Control

1. No permit may be transferred unless approved by the Department.
2. In the event of any pending change in control or ownership of facilities from which the authorized discharges emanate, the permittee shall notify the Department by letter of such pending change at least thirty days prior to the change in ownership or control.

600 4987-1161



3. The letter shall be accompanied by the appropriate Department forms for transfer of the permit and a written agreement between the existing permittee and the new owner or controller stating that the existing date of permit transfer and that the new owner or controller shall be liable for permit violations from that date on.
4. After receipt of the documentation above, the Department shall notify the existing permittee and the new owner or controller of its decision concerning approval of the transfer. In approving a transfer the Department may modify or revoke and reissue the permit.
5. In the event the Department does not approve transfer of the permit, the new owner or controller must submit a new permit application.

M. Severability

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

N. Other Laws

Nothing herein contained shall be construed to be an intent on the part of the Department to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating sewerage discharge and the practice of professional engineering, nor shall this permit be construed to sanction any act otherwise forbidden by federal or state law or regulation, or by local ordinance. Nor does it pre-empt any duty to obtain State or local assent required by law for the discharge(s).

MONTGOMERY COUNTY COMMISSIONERS REGISTRY
 67-00-00316-00-4 WORCESTER
 BEKKS RD
 CHIEF REAL ESTATE DIVISION
 B 019 U 036 L 9910 DATE: 09/23/91

S.P.
M.B.

49871162



PART C

OTHER REQUIREMENTS

1. This permit authorizes the discharge of treated sewage until such time as facilities for conveyance and treatment at a more suitable location are installed and are capable of receiving and treating the permittee's sewage. Such facilities must be in accordance with either the applicable municipal official plan adopted pursuant to Section 5 of the Pennsylvania Sewage Facilities Act, the Act of January 24, 1956, P.L. 1535, as amended, or a comprehensive Water Quality Management Plan as set forth in Section 91.31 of the Rules and Regulations of the Department. When such municipal sewerage facilities become available, the permittee shall provide for the conveyance of the sewage to these sewerage facilities, abandon the use of the sewage treatment plant thereby terminating the discharge authorized by this permit, and notify the Department accordingly. This permit shall then, upon notice from the Department, terminate and become null and void, and shall be relinquished to the Department.
2. If, in the opinion of the Department, the sewage treatment plant is not so operated or if by reason of change in the character of the waste or increased load upon the sewage treatment plant, or changed use or condition of the receiving body of water, or otherwise, that the effluent ceases to be satisfactory or the sewage treatment plant creates a public nuisance, then upon notice by the Department the right herein granted to discharge such effluent shall cease and become null and void unless within the time specified by the Department, the permittee shall adopt such remedial measures as will produce an effluent which, in the opinion of the Department, will be satisfactory for discharge into the receiving body of water.
3. No storm water from pavements, area ways, roofs, foundation drains or other sources shall be admitted to the sanitary sewers associated with the herein approved discharge.
4. The approval herein given is specifically made contingent upon the permittee acquiring all necessary property rights by easement or otherwise, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures associated with the herein approved discharge in, along, or across private property, with full rights of ingress, egress and regress.
5. The attention of the permittee is directed to the fact that the herein approved sewage treatment plant discharge is directed to a small stream which affords a limited dilution potential. If the effluent creates a health hazard or nuisance, the permittee shall upon notice from the Department of Environmental Resources, provide such additional treatment as may be required by the Department.

BSE 4987-1163



PART C

OTHER REQUIREMENTS

6. Analysis for carbonaceous biochemical oxygen demand (CBOD₅) shall be done in accordance with Method 507(5.e.6) as described in Standard Methods, 16th edition.
7. The permittee will ensure that applied chlorine dosages, used for disinfection or other purposes, are optimized to the degree necessary such that the total residual chlorine (TRC) in the discharge effluent does not cause an adverse stream impact. In doing so, the permittee shall consider relevant factors affecting required chlorine dosage, such as wastewater characteristics, mixing and contact times, desired result of chlorination, and expected impact on the receiving water body. The TRC data shall be recorded daily and maintained at the facility. For municipal facilities the data shall be summarized annually as part of the Chapter 94 - Municipal Wasteload Management Report.

If the Department determines or receives documented evidence that levels of TRC in the permittee's effluent are causing adverse water quality impacts in the receiving water, the permittee shall be required to institute necessary additional steps to reduce or eliminate such impact.

8. Collected screenings, slurries, sludges, and other solids shall be handled and disposed of in compliance with 25 Pa. Code, Chapters 271, 273, 275, 283, and 285 (relating to permits and requirements for landfilling, land application, incineration, and storage of sewage sludge), Federal Regulation 40 CFR 257, and the Federal Clean Water Act and its amendments.

(NPDW).4

688 493701164



STATE OF PENNSYLVANIA

COUNTY OF Montgomery

} SS

On the 12th day of September in the year one thousand
nine hundred and ninety-one before me, the Subscriber, a Notary
Public, came the above named Joseph A. Feola

and duly acknowledged the foregoing permit to be his act and deed and desired
that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Sharon M. Moore
NOTARY PUBLIC

NOTARIAL SEAL
SHARON M. MOORE Notary Public
Notarytown Board Montgomery Co., PA
My Commission Expires Sept. 27, 1993



637 498701165

Maryanne Beckenbach



Angela Powley Price

From: noreply@civicplus.com
Sent: Friday, February 28, 2014 11:37 AM
To: Megan Filipovits
Subject: Online Form Submittal: Open Records Request Form

If you are having problems viewing this HTML email, click to view a [Text version](#).

Open Records Request Form

Date of Request*

2/28/2014

Name of Requester*

Megan Filipovits

Address1

1140 Valley Forge Road

City

Valley Forge

State

PA

Zip

19482

Telephone*

6109355577

Email Address*

mfilipovits@envstd.com

Records Requested*

I am requesting any environmental information or files relating to environmental conditions at the listed property for the purposes of conducting a Phase I Environmental Site Assessment. These files would contain information about current or past soil/groundwater sampling, records indicating occurrences of environmental releases and/or incidents, including recorded spills or emission discharges, or other conditions that may have posed an environmental concern at the subject Property. The address is 1625 Berks Road, Norristown PA 19403. Particularly I am interested in records from the Police department, Fire department and the zoning/inspections department as well.

* Provide as much specific detail as possible so the agency can identify the information

Do You Want Copies?*

Yes

No

Do You Want To Inspect The Records?*

Yes

No

Do You Want Certified Copies of Records?*

Yes

No

The following form was submitted via your website: Open Records Request Form

Date of Request: 2/28/2014

Name of Requester: Megan Filipovits

Address1: 1140 Valley Forge Road

City: Valley Forge

State: PA

Zip: 19482

Telephone: 6109355577

Email Address: mfilipovits@envstd.com

Records Requested: I am requesting any environmental information or files relating to environmental conditions at the listed property for the purposes of conducting a Phase I Environmental Site Assessment. These files would contain information about current or past soil/groundwater sampling, records indicating occurrences of environmental releases and/or incidents, including recorded spills or emission discharges, or other conditions that may have posed an environmental concern at the subject Property. The address is 1625 Berks Road, Norristown PA 19403.

Particularly I am interested in records from the Police department, Fire department and the zoning/inspections department as well.

Do You Want Copies?: No

Do You Want To Inspect The Records?: No

Do You Want Certified Copies of Records?: No

Additional Information:

Form Submitted on: 2/28/2014 11:37:20 AM

Referrer Page: <http://www.montcopa.org/FormCenter/Open-Records-Requests-16/Open-Records-Request-Form-85>

Form Address: <http://www.montcopa.org/FormCenter/Open-Records-Requests-16/Open-Records-Request-Form-85>

Angela Powley Price

From: Sandy Grubb <sgrubb@norristown.org>
Sent: Wednesday, February 05, 2014 8:19 AM
To: Megan Filipovits
Subject: RE: Right to Know Request

Megan:

Berks Road is not in the Borough of Norristown. Berks Road is in Worcester Township. I am not sure why they are using Norristown for a mailing address.

From: Megan Filipovits [<mailto:mfilipovits@envstd.com>]
Sent: Tuesday, February 04, 2014 4:20 PM
To: info
Subject: Right to Know Request

Hello,

Please see the attached right to know request form. I am requesting any environmental information for files relating to environmental conditions at the listed property for the purposes of conducting a Phase I Environmental Site Assessment. These files would contain information about current or past soil/groundwater sampling, records indicating occurrences of environmental releases and/or incidents, including recorded spills or emission discharges, or other conditions that may have posed an environmental concern at the subject Property. The address is 1625 Berks Road, Norristown PA 19403.

Particularly I am interested in records from the Police department, Fire department and the zoning/inspections department as well.

If I have misdirected this request, please let me know. Thanks in advance for your help.

Megan Filipovits
Geoscientist
Environmental Standards, Inc.
1140 Valley Forge Road • PO Box 810 • Valley Forge, PA 19482
610.935.5577 • www.envstd.com • mfilipovits@envstd.com
Emergency Response Quality Assurance Hotline: 855.374.7272



CONFIDENTIALITY STATEMENT. The information contained in this e-mail message, including attachments, is the confidential information of, and/or is the property of, Norristown Municipality. The information is intended for use solely by the individual or entity named in the message. If you are not an intended recipient or you received this in error, then any review, printing, copying, or distribution of any such information is prohibited, please notify the sender immediately by reply e-mail and then delete this e-mail from your system.

RIGHT TO KNOW REQUEST FORM

DATE REQUESTED: 2/4/14

REQUEST SUBMITTED BY: E-MAIL US MAIL FAX IN-PERSON
(circle one)

NAME OF REQUESTER:(optional) Megan Filipovits (please print)

STREET ADDRESS: 1140 Valley Forge Rd

CITY/STATE: Valley Forge PA ZIP 19460 COUNTY _____

TELEPHONE: 610 935 5577 and/or CELL: _____

SIGNATURE OF REQUESTER: M Filipovits

RECORDS REQUESTED: 1125 Berks Rd, Norristown 19403

*Provide as much specific detail as possible so we may identify the information

Police, Fire + zoning/inspections departments. Requesting files containing information about current or past soil/groundwater sampling, environmental releases/incidents (discharges). This is for purpose of a Phase I environmental sit assessment.

DO YOU WANT COPIES: YES X NO _____

DO YOU WANT TO INSPECT THE RECORDS: YES _____ NO X

DO YOU WANT CERTIFIED COPIES OF RECORDS: YES _____ NO X

RIGHT TO KNOW OFFICER: CRANDALL O. JONES

DATE RECEIVED: _____

APPROVED BY: _____ DATE: _____

DENIED BY: _____ DATE: _____

REQUEST FOR INFORMAL FILE REVIEW

(NOTE: THIS FORM IS NOT USED FOR A PA RIGHT-TO-KNOW LAW REQUEST)

YOUR NAME: Megan Filipovits DATE: 2/4/2014

YOUR COMPANY NAME: Environmental Standards

ADDRESS: 1140 Valley Forge Rd
Valley Forge PA 19482

TELEPHONE: 610 935 5577 E-MAIL: mfilipovits@emstd.com

REASON FOR REQUEST: Phase I ESA

FILES NEED FOR REVIEW: (Please Circle)

AIR QUALITY	WATERWAYS AND WETLANDS	SAFE DRINKING WATER
CLEAN WATER	RADIATION PROTECTION	EMERGENCY RESPONSE
WASTE MANAGEMENT	GROWNING GREENER	ENVIRONMENTAL CLEANUP AND BROWNFIELDS
POLLUTION PREVENTION & ENERGY ASSISTANCE		(STORAGE TANKS AND HAZARDOUS SITES)

TIME FRAME: 1 YEAR 2 YEARS 3 YEARS OR ALL YEARS BACK

COUNTY: (Please Circle)

BUCKS CHESTER DELAWARE MONTGOMERY PHILADELPHIA

SITE NAME AND SITE ADDRESS

MUNICIPALITY

PERMIT NO. OR FACILITY ID NO.

North Penn USARC
1125 Berks Road Norristown 19403

Norristown

46-21187

TO RETURN: FAX: 484.250.5914 OR E-MAIL TO RA-SERecordsReview@state.pa.us
MAIL: DEPARTMENT OF ENVIRONMENTAL PROTECTION
2 EAST MAIN STREET
NORRISTOWN, PA 19401-4915

ATTENTION: RECORDS MANAGEMENT

IF YOU ARE NOT SATISFIED WITH THIS FILE REVIEW PROCESS, YOU MAY WISH TO EXERCISE YOUR RIGHTS UNDER THE "PA RIGHT-TO-KNOW LAW" AS DESCRIBED ON THE DEP WEBSITE (WWW.DEP.PA.GOV).



pennsylvania

OFFICE OF OPEN RECORDS

WORCESTER TOWNSHIP, MONTGOMERY COUNTY

STANDARD RIGHT-TO-KNOW REQUEST FORM

DATE REQUESTED: 2/4/14

REQUEST SUBMITTED BY: E-MAIL U.S. MAIL FAX IN-PERSON

NAME OF REQUESTOR: Megan Filipovits

REQUESTOR STREET ADDRESS: 1140 Valley Forge Rd ~~1141~~

REQUESTOR CITY/STATE/COUNTY (Required): Valley Forge PA 19460

REQUESTOR TELEPHONE (Optional): 610 935 5577

REQUESTOR E-MAIL ADDRESS (Optional): Mfilipovits@envstd.com

RECORDS REQUESTED:

**Provide as much specific detail as possible so the agency can identify the information.*

Police, Fire + Zoning/Inspections department.

Requesting files containing information about current or past soil/groundwater sampling, environmental releases or incidents/discharges. For the purpose of a Phase I ESA.

DO YOU WANT COPIES? YES or NO

DO YOU WANT TO INSPECT THE RECORDS? YES or NO

DO YOU WANT CERTIFIED COPIES OF RECORDS? YES or NO

1125 Berk Rd
Norristown PA 19403

RIGHT TO KNOW OFFICER: TOWNSHIP MANAGER OR ASSISTANT MANAGER

DATE RECEIVED BY THE AGENCY:

AGENCY FIVE (5)-DAY RESPONSE DUE:

***Public bodies may fill anonymous verbal or written requests. If the requestor wishes to pursue the relief and remedies provided for in this Act, the request must be in writing. (Section 702.) Written requests need not include an explanation why information is sought or the intended use of the information unless otherwise required by law. (Section 703.)*

ERECTED INTO A TOWNSHIP IN 1733
TOWNSHIP OF WORCESTER
AT THE CENTER POINT OF MONTGOMERY COUNTY
PENNSYLVANIA

Board of Supervisors:
ARTHUR C. BUSTARD, CHAIRMAN
SUSAN G. CAUGHLAN, VICE CHAIRMAN
STEPHEN C. QUIGLEY, MEMBER

1721 Valley Forge Road
P.O. Box 767
Worcester, PA 19490

Right-To-Know Response Form

March 13, 2014

Ms. Megan Filipovits
1140 Valley Forge Road
Valley Forge, PA 19460

RE: Right-to-Know Request received on February 4, 2014

Dear Ms. Filipovits:

I am the Open Records Officer for Worcester Township. A Right-to-Know Law ("RTKL") Request was received from you by this Office on February 4, 2014 at 4:05 p.m. primarily comprised of the following:

Police, fire & zoning/inspections department. \\
Requesting files containing information about current or past soil/groundwater sampling, environmental releases or incidents/discharges for the purpose of a Phase I ESA.

The Township received a second email that was sent on February 4, 2014 at 4:10 p.m. primarily comprised of the following:

1625 Berks Road
Norristown, PA 19403
The North Penn USARC Property.

Although your request indicates that you would like copies, in order to eliminate unnecessary copying charges, we recommend that you come in to review the responsive records to determine which pages you would like copied. Notwithstanding the foregoing, if at the time of your inspection of the public records responsive to your request, you determine that you would like copies of some or all of the responsive public records, those copies will be made at a cost that is yet to be determined, and staff time permitting, provided the responsive records that are not otherwise exempt from duplication under the RTKL or any other law. The Township charges 25 cents per side or page for standard copies. The copying charge for a larger print of a plan is approximately \$15.00 per page. Copying charges must be paid **before** the copies are provided to you.

Based on the foregoing reasonable inference, your request is **granted** for police and fire department records. You may refer to the Pennsylvania State Police for any police records for Worcester Township. You may contact the Pennsylvania State Police by telephone at 610-584-1250. You may also refer to the Worcester Volunteer Fire Department for any fire records for Worcester Township. The Worcester Volunteer Fire Department can be reached by telephone at 610-584-5159.

Notwithstanding, your request is **granted in full**.

To make the most efficient use of your time, please call the Township Building in advance (at the phone number below), so this Office can arrange for the responsive records to be available for you to examine. The responsive records will be made available for you to examine at the Township Administrative Building during Township business hours between 8:00 am and 4:30 pm.

Please note that the Township requires a RTKL requester to review original responsive records within 15 business days from the date of Township's substantive response to the RTKL request indicating that the responsive public records are available. As a result, your review of the public record(s) identified herein must take place by April 3, 2014.

No information has been withheld or redacted. Any information that Worcester Township chooses to make accessible herein that would otherwise be exempt or would otherwise not constitute a public record under the RTKL shall not constitute a waiver of the Township's future right to claim, or otherwise prevent the Township from subsequently claiming, any such exemption or that any record does not constitute a public record.

Sincerely,

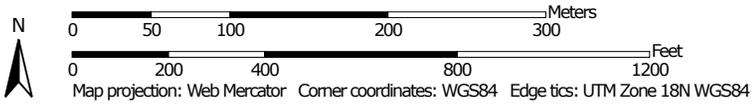


F. Lee Mangan
Open Records Officer
(610) 584-1410

Soil Map—Montgomery County, Pennsylvania



Map Scale: 1:4,760 if printed on A landscape (11" x 8.5") sheet.



MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

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

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

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

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
 Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Montgomery County, Pennsylvania
 Survey Area Data: Version 6, Dec 13, 2013

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

Date(s) aerial images were photographed: Mar 19, 2011—Jul 1, 2011

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

Map Unit Legend

Montgomery County, Pennsylvania (PA091)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
ReA	Readington silt loam, 0 to 3 percent slopes	34.2	42.7%
ReB	Readington silt loam, 3 to 8 percent slopes	28.9	36.1%
ReC	Readington silt loam, 8 to 15 percent slopes	0.3	0.3%
UgB	Urban land, 0 to 8 percent slopes	16.7	20.9%
Totals for Area of Interest		80.1	100.0%

North Penn USARC

1625 Berks Road
Norristown, PA 19403

Inquiry Number: 3842278.6
January 29, 2014

The EDR Property Tax Map Report

EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2013 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

User Questionnaire

Name, Title, Company, and Company Address of *User* completing Questionnaire:

Name F. Lee Mangan

Title Township Manager

Company Worcester Township

Address 1721 Valley Forge Road,

City, State, Zip Worcester, PA 19490

Property for which this questionnaire applies (name and address): _____

1625 Berks Road, Worcester, PA 19490.

At a minimum, answer the questions below with a "yes", "no", or "unknown". If "yes", please provide details.

1. Are you aware of any environmental cleanup liens against the Property that are filed or recorded under federal, state, or local law?

No.

2. Are you aware of any activity and use limitations (AULs), such as engineering controls, land use restrictions or institutional controls, that are in place at the Property and/or have been filed or recorded in a registry under federal, tribal, state, or local law?

No.

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

No.

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

Not applicable. The Property is being donated to the Township for recreational uses pursuant to the Federal Land to Parks program.

User Questionnaire

5. Are you aware of commonly known or reasonably ascertainable information about the Property that would help us to identify conditions indicative of releases or threatened releases? For example, as the User,

- Do you know the past uses of the property?

Yes, based on what is documented in the historic environmental reports for the Property. I understand that our counsel has provided you with a copy of the significant historic reports.

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

Yes, as documented in the above-referenced reports.

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

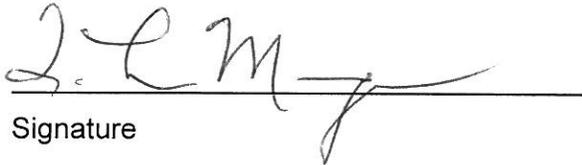
Yes, as documented in the above-referenced reports.

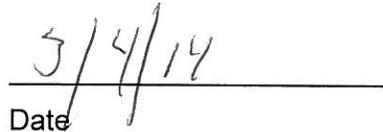
- Do you know of any environmental cleanups that have taken place at the property?

Yes, as documented in the above-referenced reports.

6. As the User of this ESA, based on your knowledge and experience related to the Property, are there any obvious indicators that point to the presence or likely presence of contamination at the Property?

Nothing beyond what is documented in the above-referenced reports.


Signature


Date

APPENDIX G
VAPOR ENCROACHMENT SCREEN



North Penn USARC

1625 Berks Road

Norristown, PA 19403

Inquiry Number: 3842278.9s

March 6, 2014

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

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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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The EDR Vapor Encroachment Worksheet enables EDR's customers to make certain online modifications that effects maps, text and calculations contained in this Report. As a result, maps, text and calculations contained in this Report may have been so modified. EDR has not taken any action to verify any such modifications, and this report and the findings set forth herein must be read in light of this fact. Environmental Data Resources shall not be responsible for any customer's decision to include or not include in any final report any records determined to be within the relevant minimum search distances.

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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 the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600-10).

	Maximum Search Distance*	Summary		
		property	1/10	1/10 - 1/3
STANDARD ENVIRONMENTAL RECORDS				
Federal NPL	0.333	0	0	0
Federal CERCLIS	0.333	0	0	0
Federal RCRA CORRACTS facilities list	0.333	0	0	0
Federal RCRA TSD facilities list	0.333	0	0	0
Federal RCRA generators list	property	1	-	-
Federal institutional controls / engineering controls registries	0.333	0	0	0
Federal ERNS list	property	0	-	-
State and tribal - equivalent NPL	0.333	0	0	0
State and tribal - equivalent CERCLIS	not searched	-	-	-
State and tribal landfill / solid waste disposal	0.333	0	0	0
State and tribal leaking storage tank lists	0.333	1	0	0
State and tribal registered storage tank lists	property	0	-	-
State and tribal institutional control / engineering control registries	property	0	-	-
State and tribal voluntary cleanup sites	0.333	0	0	1
State and tribal Brownfields sites	0.333	0	0	0
Other Standard Environmental Records	0.333	1	0	0
HISTORICAL USE RECORDS				
Former manufactured Gas Plants	0.333	0	0	0
Historical Gas Stations	0.25	0	0	0
Historical Dry Cleaners	0.25	0	0	0
Exclusive Recovered Govt. Archives	0.333	1	0	0

*Each category may include several separate databases, each having a different search distance. For each category, the table reports the maximum search distance applied. See the section 'Record Sources and Currency' for information on individual databases.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

NORTH PENN USARC
1625 BERKS ROAD
NORRISTOWN, PA 19403

COORDINATES

Latitude (North): 40.1803 - 40° 10' 49.086"
Longitude (West): 75.3387 - 75° 20' 19.317627"
Elevation: 458 ft. above sea level

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records.

Site

NORTH PENN USARC
1625 BERKS RD
NORRISTOWN, PA

Database(s)

FINDS
RCRA-CESQG
LUST
Facility Status: Cleanup Completed
RGA LUST

EXECUTIVE SUMMARY

PHYSICAL SETTING INFORMATION

Flood Zone: Available
NWI Wetlands: Available

AQUIFLOW®

Search Radius: 0.333 Mile.

No Aquiflow sites reported.

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: Made land
Soil Surface Texture:
Hydrologic Group: Not reported
Soil Drainage Class:
Hydric Status: Partially hydric
Corrosion Potential - Uncoated Steel: Not Reported
Depth to Bedrock Min: > 0 inches
Depth to Watertable Min: > 76 inches
No Layer Information available.

Soil Map ID: 2

Soil Component Name: Abbottstown
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

EXECUTIVE SUMMARY

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	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%), Lean Clay	Max: 14.11 Min: 4.23	Max: 6.5 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%), Lean Clay	Max: 14.11 Min: 4.23	Max: 6.5 Min: 4.5
3	20 inches	38 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: 1.41 Min: 0.42	Max: 6.5 Min: 5.1
4	38 inches	48 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: 4.23 Min: 0.42	Max: 6.5 Min: 5.1
5	48 inches	51 inches	bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 3

Soil Component Name: Readington

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

EXECUTIVE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

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	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: 6.5 Min: 3.6
2	7 inches	29 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: 14.11 Min: 4.23	Max: 6.5 Min: 3.6
3	29 inches	40 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. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.23 Min: 1.41	Max: 6.5 Min: 5.1
4	40 inches	59 inches	bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 4

Soil Component Name: Readington

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: > 69 inches

EXECUTIVE 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: 6.5 Min: 3.6
2	7 inches	29 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: 14.11 Min: 4.23	Max: 6.5 Min: 3.6
3	29 inches	40 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. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.23 Min: 1.41	Max: 6.5 Min: 5.1
4	40 inches	59 inches	bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 5

Soil Component Name: Readington

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: > 69 inches

EXECUTIVE 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: 6.5 Min: 3.6
2	7 inches	29 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: 14.11 Min: 4.23	Max: 6.5 Min: 3.6
3	29 inches	40 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. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.23 Min: 1.41	Max: 6.5 Min: 5.1
4	40 inches	59 inches	bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 6

Soil Component Name: Reaville

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: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 38 inches

EXECUTIVE 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%), silt.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 5.1
2	7 inches	18 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%), Lean Clay Soils.	Max: 1.41 Min: 0.42	Max: 6.5 Min: 5.1
3	18 inches	31 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 1.41 Min: 0.42	Max: 6.5 Min: 5.1
4	31 inches	35 inches	bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 7

Soil Component Name: Penn

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

EXECUTIVE 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: 42.34 Min: 4.23	Max: 5.5 Min: 3.6
2	7 inches	20 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: 42.34 Min: 4.23	Max: 6 Min: 3.6
3	20 inches	31 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.34 Min: 4.23	Max: 6.5 Min: 5.1
4	31 inches	35 inches	bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 8

Soil Component Name: Lansdale

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: > 0 inches

Depth to Watertable Min: > 0 inches

EXECUTIVE 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 Min: 4.5
2	7 inches	40 inches	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: 42.34 Min: 4.23	Max: 5 Min: 4.5
3	40 inches	70 inches	very channery sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.34 Min: 14.11	Max: 5 Min: 4.5
4	70 inches	74 inches	bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 9

Soil Component Name: Bowmansville

Soil Surface Texture: silt loam

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 8 inches

EXECUTIVE 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: 6.5 Min: 5.1
2	9 inches	35 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: 4.23 Min: 1.41	Max: 6.5 Min: 5.1
3	35 inches	59 inches	gravelly 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 Soils.	Max: 14.11 Min: 1.41	Max: 7.3 Min: 5.1
4	59 inches	63 inches	stratified gravel to sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42.34 Min: 14.11	Max: 7.3 Min: 5.1

Soil Map ID: 10

Soil Component Name: Abbottstown

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: > 0 inches

Depth to Watertable Min: > 31 inches

EXECUTIVE 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%), Lean Clay Soils.	Max: 14.11 Min: 4.23	Max: 6.5 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%), Lean Clay Soils.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 4.5
3	20 inches	38 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 Soils.	Max: 1.41 Min: 0.42	Max: 6.5 Min: 5.1
4	38 inches	48 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 Soils.	Max: 4.23 Min: 0.42	Max: 6.5 Min: 5.1
5	48 inches	51 inches	bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 11

Soil Component Name: Quarries

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:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 5 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

EXECUTIVE SUMMARY

Soil Map ID: 12

Soil Component Name: Reaville

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: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 38 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%), silt.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 5.1
2	7 inches	18 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%), Lean Clay	Max: 1.41 Min: 0.42	Max: 6.5 Min: 5.1
3	18 inches	31 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 1.41 Min: 0.42	Max: 6.5 Min: 5.1
4	31 inches	35 inches	bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 13

Soil Component Name: Bowmansville

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

EXECUTIVE SUMMARY

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 168 inches

Depth to Watertable Min: > 8 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	11 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: 1.41	Max: 5.5 Min: 4.5
2	11 inches	16 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	Max: 4.23 Min: 1.41	Max: 6 Min: 4.5
3	16 inches	40 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	Max: 6 Min: 4.5
4	40 inches	59 inches	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: 14 Min: 1.41	Max: 7.3 Min: 5.1
5	59 inches	63 inches	bedrock	Not reported	Not reported	Max: 14 Min: 1.41	Max: Min:

Soil Map ID: 14

Soil Component Name: Water

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:

EXECUTIVE SUMMARY

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 15

Soil Component Name: Croton

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: > 127 inches

Depth to Watertable Min: > 8 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), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 1.41	Max: 5.5 Min: 4.5
2	9 inches	12 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	Max: 4.23 Min: 1.41	Max: 6 Min: 4.5
3	12 inches	44 inches	gravelly 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: 1.41 Min: 0	Max: 6 Min: 4.5

EXECUTIVE 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	44 inches	59 inches	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 Soils.	Max: 14 Min: 1.41	Max: 6 Min: 4.5
5	59 inches	63 inches	bedrock	Not reported	Not reported	Max: 14 Min: 1.41	Max: Min:

Soil Map ID: 16

Soil Component Name: Rowland

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: > 0 inches

Depth to Watertable Min: > 46 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	11 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: 1.41	Max: 6 Min: 4.5
2	11 inches	31 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: 1.41	Max: 6 Min: 4.5

EXECUTIVE 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		
3	31 inches	59 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: 1.41	Max: 6 Min: 4.5
4	59 inches	63 inches	stratified gravel to sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.34 Min: 14.11	Max: 6 Min: 4.5

Soil Map ID: 17

Soil Component Name: Reaville

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: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 38 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%), silt.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 5.1

EXECUTIVE 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	18 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%), Lean Clay Soils.	Max: 1.41 Min: 0.42	Max: 6.5 Min: 5.1
3	18 inches	31 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 1.41 Min: 0.42	Max: 6.5 Min: 5.1
4	31 inches	35 inches	bedrock	Not reported	Not reported	Max: Min:	Max: Min:

EXECUTIVE SUMMARY

SEARCH RESULTS

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

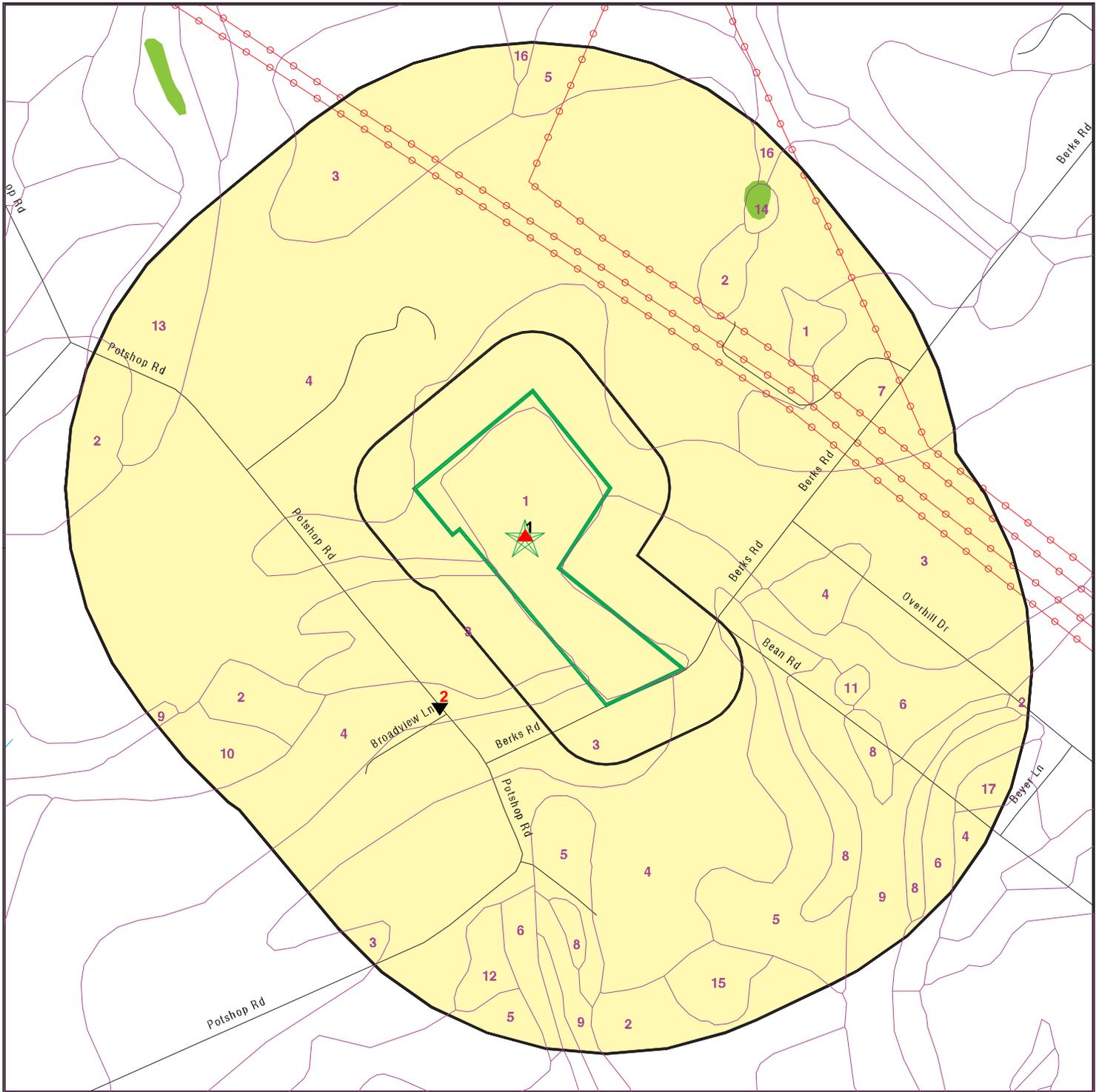
STANDARD ENVIRONMENTAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
NORTH PENN USARC FINDS: Other Standard Environmental Records RCRA-CESQG: Federal RCRA generators list LUST: State and tribal leaking storage tank lists RGA LUST: Exclusive Recovered Govt. Archives	1625 BERKS RD	Property	▲ 1	24
ESTATE OF GEORGE HUTT JR VCP: State and tribal voluntary cleanup sites	2700 POTSHOP RD	1/10 - 1/3 SSW	▼ 2	27

HISTORICAL USE RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
NORTH PENN USARC FINDS: Other Standard Environmental Records RCRA-CESQG: Federal RCRA generators list LUST: State and tribal leaking storage tank lists RGA LUST: Exclusive Recovered Govt. Archives	1625 BERKS RD	Property	▲ 1	24

PRIMARY MAP - 3842278.9s

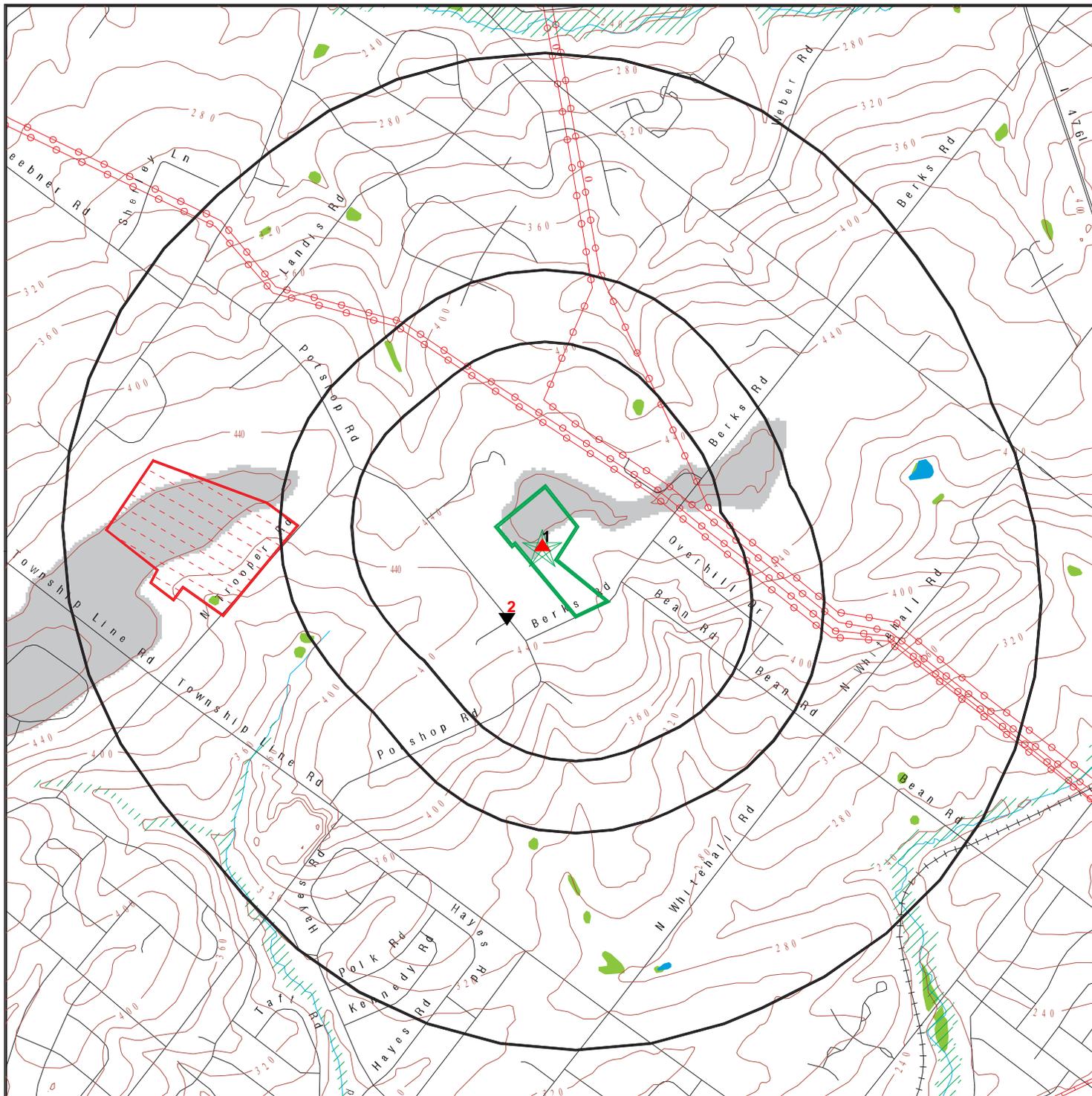


- | | | | |
|--|---|-------------------------------|--|
| Target Property | Sites at elevations higher than or equal to the target property | Indian Reservations BIA | Groundwater Flow Direction |
| Sites at elevations lower than the target property | Power transmission lines | Oil & Gas pipelines from USGS | Indeterminate Groundwater Flow at Location |
| Manufactured Gas Plants | 100-year flood zone | 500-year flood zone | Groundwater Flow Varies at Location |
| Sensitive Receptors | National Wetland Inventory | | SSURGO Soil |
| National Priority List Sites | | | |
| Dept. Defense Sites | | | |

SITE NAME: North Penn USARC
 ADDRESS: 1625 Berks Road
 Norristown PA 19403
 LAT/LONG: 40.1803 / 75.3387

CLIENT: Environmental Standards Inc.
 CONTACT: Megan Filipovits
 INQUIRY #: 3842278.9s
 DATE: January 30, 2014 7:54 am

SECONDARY MAP - 3842278.9s



-  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
-  Contour Lines
-  Power transmission lines
-  Oil & Gas pipelines from USGS
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  Upgradient Area

SITE NAME: North Penn USARC
 ADDRESS: 1625 Berks Road
 Norristown PA 19403
 LAT/LONG: 40.1803 / 75.3387

CLIENT: Environmental Standards Inc.
 CONTACT: Megan Filipovits
 INQUIRY #: 3842278.9s
 DATE: January 30, 2014 7:53 am

AERIAL PHOTOGRAPHY - 3842278.9s



SITE NAME: North Penn USARC
ADDRESS: 1625 Berks Road
Norrstown PA 19403
LAT/LONG: 40.1803 / 75.3387

CLIENT: Environmental Standards Inc.
CONTACT: Megan Filipovits
INQUIRY #: 3842278.9s
DATE: January 30, 2014 7:55 am

MAP FINDINGS

LEGEND

FACILITY NAME FACILITY ADDRESS, CITY, ST, ZIP		EDR SITE ID NUMBER
▼ MAP ID#	Direction Distance Range (Distance feet / miles)	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.
	Relative Elevation Feet Above Sea Level	
Worksheet:		
Comments: Comments may be added on the online Vapor Encroachment Worksheet.		

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

NORTH PENN USARC 1625 BERKS RD, NORRISTOWN, PA,		1004778437
▲ 1	Target Property	Federal RCRA generators list
	458 ft. Above Sea Level	State and tribal leaking storage tank lists Other Standard Environmental Records Exclusive Recovered Govt. Archives

Worksheet:

Impact on Target Property: VEC Can Be Ruled Out

FINDS: Other Standard Environmental Records



Registry ID: 110006538032

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.

RCRA-CESQG: Federal RCRA generators list



Date form received by agency: 04/30/2001
 Facility name: NORTH PENN USARC
 Facility address: 1625 BERKS RD
 NORRISTOWN, PA 194034815
 EPA ID: PAR000502542
 Contact: KENDRA BORKA
 Contact address: 99TH RSC CST1 BLDG 176
 NAS WILLOW GROVE, PA 190905110
 Contact country: US
 Contact telephone: (215) 443-1643
 Contact email: Not Reported

MAP FINDINGS

NORTH PENN USARC, 1625 BERKS RD, NORRISTOWN, PA (Continued)

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: 99TH REGIONAL SUPPORT COMMAND
Owner/operator address: 5 LOBAUGH ST
OAKDALE, PA 15071
Owner/operator country: Not Reported
Owner/operator telephone: (724) 693-2332
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
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

Hazardous Waste Summary:

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

Violation Status: No violations found

LUST: State and tribal leaking storage tank lists



MAP FINDINGS

NORTH PENN USARC, 1625 BERKS RD, NORRISTOWN, PA (Continued)

Region: LUST
 Facility Id: 46-21187
 Facility Address2: Not Reported
 Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
 Status Date: 08/01/2011
 Release Date: 06/19/1996
 Source Cause Desc: Not Reported

Region: 4100
 Facility Id: 46-21187
 Facility Address2: Not Reported
 Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
 Status Date: 08/01/2011
 Release Date: 11/27/1995
 Source Cause Desc: Not Reported

RGA LUST: Exclusive Recovered Govt. Archives



2012	NORTH PENN USARC	1625 BERKS RD
2011	NORTH PENN USARC	1625 BERKS RD
2010	NORTH PENN USARC	1625 BERKS RD
2009	NORTH PENN USARC	1625 BERKS RD
2008	NORTH PENN USARC	1625 BERKS RD
2007	NORTH PENN USARC	1625 BERKS RD
2006	NORTH PENN USARC	1625 BERKS RD
2005	NORTH PENN USARC	1625 BERKS RD
2004	NORTH PENN USARC	1625 BERKS RD
2003	NORTH PENN USARC	1625 BERKS RD

MAP FINDINGS

ESTATE OF GEORGE HUTT JR 2700 POTSHOP RD, NORRISTOWN, PA, 19401			S106983382
▼ 2	SSW 1/10 - 1/3	(654 ft. / 0.124 mi.)	State and tribal voluntary cleanup sites
	10 ft. Lower Elevation	448 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC Can Be Ruled Out

Conditions:

Not Applicable: YES

Groundwater Flow Gradient:

Crossgradient: YES

Hydrogeologically: YES

Experience: YES

VCP: State and tribal voluntary cleanup sites 

Activity:

Activity ID: 618924,

Cleanup Records:

Municipality: Worcester Twp
 Region: Southeast Region
 Category Desc: Inorganics
 Type: Complete Sites
 LRP Acct: 4276
 Remediation: Statewide Health Standard
 Activity: NO
 Date Approved: 07/16/1998
 Date Received: Not Reported
 Date Nonuse: Not Reported
 ICS Code: Not Reported
 Media: Soil

RECORD SOURCES AND CURRENCY

To maintain currency of the following databases, EDR contacts the appropriate 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

PRP: Potentially Responsible Parties

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013

Source: EPA

Number of Days to Update: 72

Telephone: 202-564-6023

Last EDR Contact :01/02/2014

RMP: Risk Management Plans

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/08/2012

Source: Environmental Protection Agency

Number of Days to Update: 46

Telephone: 202-564-8600

Last EDR Contact :01/27/2014

ACT 2-DEED: Act 2-Deed Acknowledgment Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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

Number of Days to Update: 2

Telephone: 717-783-9470

Last EDR Contact :07/22/2011

AIRS: Permit and Emissions Inventory Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Permit and emissions inventory data.

Date of Government Version: 12/31/2012

Source: Department of Environmental Protection

Number of Days to Update: 19

Telephone: 717-787-9702

RECORD SOURCES AND CURRENCY

Last EDR Contact :12/30/2013

ARCHIVE AST: Archived Aboveground Storage Tank Sites

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

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: 12/02/2013

Source: Department of Environmental Protection

Number of Days to Update: 40

Telephone: 717-772-5599

Last EDR Contact :12/19/2013

ARCHIVE UST: Archived Underground Storage Tank Sites

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

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: 12/02/2013

Source: Department of Environmental Protection

Number of Days to Update: 40

Telephone: 717-772-5599

Last EDR Contact :12/19/2013

AST: Listing of Pennsylvania Regulated Aboveground Storage Tanks

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

Registered Aboveground Storage Tanks.

Date of Government Version: 12/02/2013

Source: Department of Environmental Protection

Number of Days to Update: 40

Telephone: 717-772-5599

Last EDR Contact :12/19/2013

AUL: Environmental Covenants Listing

Standard Environmental Record Source: State and tribal institutional control / engineering control registries

Search Distance: Property

A listing of sites with environmental covenants.

Date of Government Version: 10/21/2013

Source: Department of Environmental Protection

Number of Days to Update: 14

Telephone: 717-783-7509

Last EDR Contact :01/20/2014

BROWNFIELDS: Brownfields Sites

Standard Environmental Record Source: State and tribal Brownfields sites

Search Distance: 0.333 Mile

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: 01/21/2014

Source: Department of Environmental Protection

Number of Days to Update: 5

Telephone: 717-783-1566

RECORD SOURCES AND CURRENCY

Last EDR Contact :01/21/2014

DRYCLEANERS: Drycleaner Facility Locations

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.25 Mile

A listing of drycleaner facility locations.

Date of Government Version: 12/20/2013

Source: Department of Environmental Protection

Number of Days to Update: 34

Telephone: 717-787-9702

Last EDR Contact :12/18/2013

ENG CONTROLS: Engineering Controls Site Listing

Standard Environmental Record Source: State and tribal institutional control / engineering control registries

Search Distance: Property

Under the Land Recycling Act (Act 2) persons who perform a site cleanup using the site-specific standard or the special industrial area standard may use engineering or institutional controls as part of the response action. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 05/15/2008

Source: Department of Environmental Protection

Number of Days to Update: 27

Telephone: 717-783-9470

Last EDR Contact :01/21/2014

HIST LF ALI: Abandoned Landfill Inventory

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Search Distance: 0.333 Mile

The report provides facility information recorded in the Pennsylvania Department of Environmental Protection ALI database. Some of this information has been abstracted from old records and may not accurately reflect the current conditions and status at these facilities

Date of Government Version: 01/04/2005

Source: Department of Environmental Protection

Number of Days to Update: 31

Telephone: 717-787-7564

Last EDR Contact :11/26/2012

HIST LF INACTIVE: Inactive Facilities List

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

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

Date of Government Version: 12/20/1994

Source: Department of Environmental Protection

Number of Days to Update: 30

Telephone: 717-787-7381

Last EDR Contact :06/21/2005

HIST LF INVENTORY: Facility Inventory

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

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

Date of Government Version: 06/02/1999

Source: Department of Environmental Protection

Number of Days to Update: 30

Telephone: 717-787-7381

Last EDR Contact :09/19/2005

HSCA: HSCA Remedial Sites Listing

Standard Environmental Record Source: State and tribal - equivalent NPL

RECORD SOURCES AND CURRENCY

Search Distance: 0.333 Mile

A list of remedial sites on the PA Priority List. This is the PA state equivalent of the federal NPL superfund list.

Date of Government Version: 12/31/2012

Source: Department of Environmental Protection

Number of Days to Update: 25

Telephone: 717-783-7816

Last EDR Contact :01/24/2014

INST CONTROL: Institutional Controls Site Listing

Standard Environmental Record Source: State and tribal institutional control / engineering control registries

Search Distance: Property

Under the Land Recycling Act (Act 2) persons who perform a site cleanup using the site-specific standard or the special industrial area standard may use engineering or institutional controls as part of the response action. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/15/2008

Source: Department of Environmental Protection

Number of Days to Update: 27

Telephone: 717-783-9470

Last EDR Contact :01/21/2014

LAST: Storage Tank Release Sites

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

Leaking Aboveground Storage Tank Incident Reports.

Date of Government Version: 12/04/2013

Source: Department of Environmental Protection

Number of Days to Update: 40

Telephone: 717-783-7509

Last EDR Contact :12/20/2013

LUST: Storage Tank Release Sites

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 12/04/2013

Source: Department of Environmental Protection

Number of Days to Update: 40

Telephone: 717-783-7509

Last EDR Contact :12/20/2013

MINES: Abandoned Mine Land Inventory

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.25 Mile

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: 10/08/2013

Source: PASDA

Number of Days to Update: 34

Telephone: 814-863-0104

Last EDR Contact :01/29/2014

NPDES: NPDES Permit Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

RECORD SOURCES AND CURRENCY

A listing of facilities with an NPDES permit.

Date of Government Version: 12/02/2013
Number of Days to Update: 48
Last EDR Contact :12/12/2013

Source: Department of Environmental Protection
Telephone: 717-787-9642

PA MANIFEST: Manifest Information

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Number of Days to Update: 26
Last EDR Contact :01/20/2014

Source: Department of Environmental Protection
Telephone: 717-783-8990

SHWS: Hazardous Sites Cleanup Act Site List

Standard Environmental Record Source: State and tribal - equivalent NPL
Search Distance: 0.333 Mile

The Hazardous Sites Cleanup Act Site List includes sites listed on PA Priority List, sites delisted from PA Priority List, Interim Response Completed sites, and Sites Being Studied or Response Being Planned.

Date of Government Version: 01/06/2014
Number of Days to Update: 7
Last EDR Contact :01/22/2014

Source: Department Environmental Protection
Telephone: 717-783-7816

SPILLS: State spills

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of hazardous material incidents.

Date of Government Version: 10/22/2013
Number of Days to Update: 17
Last EDR Contact :01/27/2014

Source: DEP, Emergency Response
Telephone: 717-787-5715

SWF/LF: Operating Facilities

Standard Environmental Record Source: State and tribal landfill / solid waste disposal
Search Distance: 0.333 Mile

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

Date of Government Version: 11/25/2013
Number of Days to Update: 9
Last EDR Contact :11/25/2013

Source: Department of Environmental Protection
Telephone: 717-787-7564

UIC: Underground Injection Wells

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of underground injection well locations.

Date of Government Version: 12/24/2013
Number of Days to Update: 34

Source: Department of Environmental Protection
Telephone: 717-783-7209

RECORD SOURCES AND CURRENCY

Last EDR Contact :12/26/2013

UNREG LTANKS: Unregulated Tank Cases

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

Leaking storage tank cases from unregulated storage tanks.

Date of Government Version: 04/12/2002

Source: Department of Environmental Protection

Number of Days to Update: 15

Telephone: 717-783-7509

Last EDR Contact :08/14/2003

UST: Listing of Pennsylvania Regulated Underground Storage Tanks

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

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: 12/02/2013

Source: Department of Environmental Protection

Number of Days to Update: 40

Telephone: 717-772-5599

Last EDR Contact :12/19/2013

VCP: Voluntary Cleanup Program Sites

Standard Environmental Record Source: State and tribal voluntary cleanup sites

Search Distance: 0.333 Mile

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

Date of Government Version: 01/13/2014

Source: Department of Environmental Protection

Number of Days to Update: 14

Telephone: 717-783-2388

Last EDR Contact :01/15/2014

2020 COR ACTION: 2020 Corrective Action Program List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.25 Mile

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011

Source: Environmental Protection Agency

Number of Days to Update: 7

Telephone: 703-308-4044

Last EDR Contact :11/15/2013

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

Standard Environmental Record Source: Federal CERCLIS

Search Distance: 0.333 Mile

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

RECORD SOURCES AND CURRENCY

Date of Government Version: 04/26/2013

Source: EPA

Number of Days to Update: 72

Telephone: 703-412-9810

Last EDR Contact :11/11/2013

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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

Date of Government Version: 04/26/2013

Source: EPA

Number of Days to Update: 72

Telephone: 703-412-9810

Last EDR Contact :11/11/2013

COAL ASH DOE: Sleam-Electric Plan Operation Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 12/31/2005

Source: Department of Energy

Number of Days to Update: 76

Telephone: 202-586-8719

Last EDR Contact :01/13/2014

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010

Source: Environmental Protection Agency

Number of Days to Update: 77

Telephone: Not Reported

Last EDR Contact :12/13/2013

CONSENT: Superfund (CERCLA) Consent Decrees

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

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

Date of Government Version: 06/30/2013

Source: Department of Justice, Consent Decree Library

Number of Days to Update: 57

Telephone: Varies

Last EDR Contact :12/26/2013

CORRACTS: Corrective Action Report

Standard Environmental Record Source: Federal RCRA CORRACTS facilities list

Search Distance: 0.333 Mile

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/10/2013

Source: EPA

Number of Days to Update: 75

Telephone: 800-424-9346

RECORD SOURCES AND CURRENCY

Last EDR Contact :01/02/2014

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Search Distance: 0.333 Mile

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

Source: EPA, Region 9

Number of Days to Update: 137

Telephone: 415-947-4219

Last EDR Contact :01/27/2014

DELISTED NPL: National Priority List Deletions

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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: 10/25/2013

Source: EPA

Number of Days to Update: 78

Telephone: Not Reported

Last EDR Contact :01/09/2014

DOT OPS: Incident and Accident Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 07/31/2012

Source: Department of Transportation, Office of Pipeline Safety

Number of Days to Update: 42

Telephone: 202-366-4595

Last EDR Contact :11/06/2013

EPA WATCH LIST: EPA WATCH LIST

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 06/30/2013

Source: Environmental Protection Agency

Number of Days to Update: 31

Telephone: 617-520-3000

Last EDR Contact :11/15/2013

ERNS: Emergency Response Notification System

Standard Environmental Record Source: Federal ERNS list

Search Distance: Property

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

Date of Government Version: 09/30/2013

Source: National Response Center, United States Coast Guard

RECORD SOURCES AND CURRENCY

Number of Days to Update: 66
Last EDR Contact :01/10/2014

Telephone: 202-267-2180

FEMA UST: Underground Storage Tank Listing

Standard Environmental Record Source: State and tribal registered storage tank lists
Search Distance: Property

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Number of Days to Update: 55
Last EDR Contact :01/13/2014

Source: FEMA
Telephone: 202-646-5797

FINDS: Facility Index System/Facility Registry System

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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: 03/08/2013
Number of Days to Update: 111
Last EDR Contact :12/10/2013

Source: EPA
Telephone: Not Reported

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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
Number of Days to Update: 25
Last EDR Contact :11/21/2013

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Standard Environmental Record Source: Other Standard Environmental Records
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Number of Days to Update: 25
Last EDR Contact :11/21/2014

Source: EPA
Telephone: 202-566-1667

FUDS: Formerly Used Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

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

Date of Government Version: 12/31/2011

Source: U.S. Army Corps of Engineers

RECORD SOURCES AND CURRENCY

Number of Days to Update: 15
Last EDR Contact :12/13/2013

Telephone: 202-528-4285

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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
Number of Days to Update: 40
Last EDR Contact :12/17/2007

Source: Environmental Protection Agency
Telephone: 202-564-2501

HMIRS: Hazardous Materials Information Reporting System

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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

Date of Government Version: 09/30/2013
Number of Days to Update: 76
Last EDR Contact :01/03/2014

Source: U.S. Department of Transportation
Telephone: 202-366-4555

ICIS: Integrated Compliance Information System

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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

Date of Government Version: 07/20/2011
Number of Days to Update: 61
Last EDR Contact :10/09/2014

Source: Environmental Protection Agency
Telephone: 202-564-5088

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
Search Distance: 0.333 Mile

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013
Number of Days to Update: 184
Last EDR Contact :11/01/2013

Source: EPA Region 1
Telephone: 617-918-1313

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/06/2013
Number of Days to Update: 29
Last EDR Contact :01/27/2014

Source: EPA Region 10
Telephone: 206-553-2857

RECORD SOURCES AND CURRENCY

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 08/01/2013

Source: EPA Region 4

Number of Days to Update: 91

Telephone: 404-562-8677

Last EDR Contact :01/27/2014

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 08/20/2013

Source: EPA, Region 5

Number of Days to Update: 70

Telephone: 312-886-7439

Last EDR Contact :01/27/2014

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011

Source: EPA Region 6

Number of Days to Update: 59

Telephone: 214-665-6597

Last EDR Contact :01/27/2014

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/27/2013

Source: EPA Region 7

Number of Days to Update: 66

Telephone: 913-551-7003

Last EDR Contact :01/27/2014

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012

Source: EPA Region 8

Number of Days to Update: 49

Telephone: 303-312-6271

Last EDR Contact :01/27/2014

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013

Source: Environmental Protection Agency

Number of Days to Update: 42

Telephone: 415-972-3372

Last EDR Contact :01/27/2014

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

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

Location of open dumps on Indian land.

RECORD SOURCES AND CURRENCY

Date of Government Version: 12/31/1998
Number of Days to Update: 52
Last EDR Contact :11/04/2013

Source: Environmental Protection Agency
Telephone: 703-308-8245

INDIAN UST R1: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists
Search Distance: Property

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: 02/01/2013
Number of Days to Update: 272
Last EDR Contact :01/27/2014

Source: EPA, Region 1
Telephone: 617-918-1313

INDIAN UST R10: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013
Number of Days to Update: 65
Last EDR Contact :01/27/2014

Source: EPA Region 10
Telephone: 206-553-2857

INDIAN UST R4: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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

Date of Government Version: 08/01/2013
Number of Days to Update: 91
Last EDR Contact :01/27/2014

Source: EPA Region 4
Telephone: 404-562-9424

INDIAN UST R5: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/20/2013
Number of Days to Update: 70
Last EDR Contact :01/27/2014

Source: EPA Region 5
Telephone: 312-886-6136

INDIAN UST R6: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011
Number of Days to Update: 34
Last EDR Contact :01/27/2014

Source: EPA Region 6
Telephone: 214-665-7591

INDIAN UST R7: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

RECORD SOURCES AND CURRENCY

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 12/31/2012

Source: EPA Region 7

Number of Days to Update: 43

Telephone: 913-551-7003

Last EDR Contact :01/27/2014

INDIAN UST R8: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 07/29/2013

Source: EPA Region 8

Number of Days to Update: 92

Telephone: 303-312-6137

Last EDR Contact :01/27/2014

INDIAN UST R9: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 07/29/2013

Source: EPA Region 9

Number of Days to Update: 129

Telephone: 415-972-3368

Last EDR Contact :01/27/2014

INDIAN VCP R1: Voluntary Cleanup Priority Listing

Standard Environmental Record Source: State and tribal voluntary cleanup sites

Search Distance: 0.333 Mile

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

Date of Government Version: 09/17/2013

Source: EPA, Region 1

Number of Days to Update: 66

Telephone: 617-918-1102

Last EDR Contact :01/03/2014

INDIAN VCP R7: Voluntary Cleanup Priority Listing

Standard Environmental Record Source: State and tribal voluntary cleanup sites

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

Date of Government Version: 03/20/2008

Source: EPA, Region 7

Number of Days to Update: 27

Telephone: 913-551-7365

Last EDR Contact :04/20/2009

LEAD SMELTER 1: Lead Smelter Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013

Source: Environmental Protection Agency

Number of Days to Update: 13

Telephone: 703-603-8787

Last EDR Contact :01/03/2014

LEAD SMELTER 2: Lead Smelter Sites

Standard Environmental Record Source: Other Standard Environmental Records

RECORD SOURCES AND CURRENCY

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

Number of Days to Update: 36

Telephone: 703-305-6451

Last EDR Contact :12/02/2009

LIENS 2: CERCLA Lien Information

Standard Environmental Record Source: Federal CERCLIS

Search Distance: Property

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/06/2013

Source: Environmental Protection Agency

Number of Days to Update: 15

Telephone: 202-564-6023

Last EDR Contact :01/27/2014

LUCIS: Land Use Control Information System

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: 0.333 Mile

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

Date of Government Version: 08/20/2013

Source: Department of the Navy

Number of Days to Update: 70

Telephone: 843-820-7326

Last EDR Contact :11/18/2013

MLTS: Material Licensing Tracking System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 07/22/2013

Source: Nuclear Regulatory Commission

Number of Days to Update: 91

Telephone: 301-415-7169

Last EDR Contact :12/09/2013

NPL: National Priority List

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

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: 10/25/2013

Source: EPA

Number of Days to Update: 78

Telephone: Not Reported

Last EDR Contact :01/21/2014

NPL Site Boundaries

Sources:

RECORD SOURCES AND CURRENCY

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-566-0690

EPA Region 1
Telephone: 617-918-1102

EPA Region 2
Telephone: 212-637-4293

EPA Region 3
Telephone: 215-814-5418

EPA Region 4
Telephone: 404-562-8681

EPA Region 5
Telephone: 312-353-1063

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6118

EPA Region 9
Telephone: 415-947-4579

EPA Region 10
Telephone: 206-553-4479

NPL LIENS: Federal Superfund Liens

Standard Environmental Record Source: Federal NPL

Search Distance: Property

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

Number of Days to Update: 56

Telephone: 202-564-4267

Last EDR Contact :08/15/2011

ODI: Open Dump Inventory

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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

Source: Environmental Protection Agency

Number of Days to Update: 39

Telephone: 800-424-9346

Last EDR Contact :06/09/2004

PADS: PCB Activity Database System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 06/01/2013

Source: EPA

Number of Days to Update: 107

Telephone: 202-566-0500

RECORD SOURCES AND CURRENCY

Last EDR Contact :01/28/2014

PCB TRANSFORMER: PCB Transformer Registration Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011

Source: Environmental Protection Agency

Number of Days to Update: 83

Telephone: 202-566-0517

Last EDR Contact :11/01/2013

Proposed NPL: Proposed National Priority List Sites

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

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: 10/25/2013

Source: EPA

Number of Days to Update: 78

Telephone: Not Reported

Last EDR Contact :01/09/2014

RAATS: RCRA Administrative Action Tracking System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Number of Days to Update: 35

Telephone: 202-564-4104

Last EDR Contact :06/02/2008

RADINFO: Radiation Information Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 09/30/2013

Source: Environmental Protection Agency

Number of Days to Update: 23

Telephone: 202-343-9775

Last EDR Contact :01/10/2014

RCRA NonGen / NLR: RCRA - Non Generators

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 09/10/2013

Source: Environmental Protection Agency

RECORD SOURCES AND CURRENCY

Number of Days to Update: 75
Last EDR Contact :01/02/2014

Telephone: 703-308-8895

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list
Search Distance: Property

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: 09/10/2013
Number of Days to Update: 75
Last EDR Contact :01/02/2014

Source: Environmental Protection Agency
Telephone: 703-308-8895

RCRA-LQG: RCRA - Large Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list
Search Distance: Property

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: 09/10/2013
Number of Days to Update: 75
Last EDR Contact :01/02/2014

Source: Environmental Protection Agency
Telephone: 703-308-8895

RCRA-SQG: RCRA - Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list
Search Distance: Property

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: 09/10/2013
Number of Days to Update: 75
Last EDR Contact :01/02/2014

Source: Environmental Protection Agency
Telephone: 703-308-8895

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

Standard Environmental Record Source: Federal RCRA TSD facilities list
Search Distance: 0.333 Mile

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: 09/10/2013
Number of Days to Update: 75
Last EDR Contact :01/02/2014

Source: Environmental Protection Agency
Telephone: 703-308-8895

ROD: Records Of Decision

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: Federal NPL
Search Distance: 0.333 Mile

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: 04/26/2013 Source: EPA
Number of Days to Update: 143 Telephone: 703-416-0223
Last EDR Contact :12/12/2013

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

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
Number of Days to Update: 54 Telephone: 615-532-8599
Last EDR Contact :01/20/2014

SSTS: Section 7 Tracking Systems

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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

Date of Government Version: 12/31/2009 Source: EPA
Number of Days to Update: 77 Telephone: 202-564-4203
Last EDR Contact :01/28/2014

TRIS: Toxic Chemical Release Inventory System

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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: 12/31/2011 Source: EPA
Number of Days to Update: 44 Telephone: 202-566-0250
Last EDR Contact :11/27/2013

TSCA: Toxic Substances Control Act

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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

Date of Government Version: 12/31/2006 Source: EPA
Number of Days to Update: 64 Telephone: 202-260-5521
Last EDR Contact :12/26/2013

UMTRA: Uranium Mill Tailings Sites

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

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
Number of Days to Update: 146 Telephone: 505-845-0011
Last EDR Contact :11/26/2013

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013 Source: EPA
Number of Days to Update: 30 Telephone: 202-564-5962
Last EDR Contact :12/26/2013

US AIRS MINOR: Air Facility System Data

Standard Environmental Record Source: Other Standard Environmental Records
A listing of minor source facilities.

Date of Government Version: 10/23/2013 Source: EPA
Number of Days to Update: 30 Telephone: 202-564-5962
Last EDR Contact :12/26/2013

US BROWNFIELDS: A Listing of Brownfields Sites

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

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: 09/24/2013 Source: Environmental Protection Agency
Number of Days to Update: 73 Telephone: 202-566-2777
Last EDR Contact :12/24/2013

US CDL: Clandestine Drug Labs

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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.

RECORD SOURCES AND CURRENCY

Date of Government Version: 08/06/2013

Source: Drug Enforcement Administration

Number of Days to Update: 22

Telephone: 202-307-1000

Last EDR Contact :12/05/2013

US ENG CONTROLS: Engineering Controls Sites List

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: Property

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: 12/17/2013

Source: Environmental Protection Agency

Number of Days to Update: 14

Telephone: 703-603-0695

Last EDR Contact :12/09/2013

US FIN ASSUR: Financial Assurance Information

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 10/28/2013

Source: Environmental Protection Agency

Number of Days to Update: 38

Telephone: 202-566-1917

Last EDR Contact :11/18/2013

US HIST CDL: National Clandestine Laboratory Register

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 09/01/2007

Source: Drug Enforcement Administration

Number of Days to Update: 131

Telephone: 202-307-1000

Last EDR Contact :03/23/2009

US INST CONTROL: Sites with Institutional Controls

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: Property

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: 12/17/2013

Source: Environmental Protection Agency

Number of Days to Update: 14

Telephone: 703-603-0695

Last EDR Contact :12/09/2013

US MINES: Mines Master Index File

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

RECORD SOURCES AND CURRENCY

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

Date of Government Version: 08/01/2013

Source: Department of Labor, Mine Safety and Health Administration

Number of Days to Update: 28

Telephone: 303-231-5959

Last EDR Contact :12/06/2013

DOD: Department of Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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

Number of Days to Update: 62

Telephone: 888-275-8747

Last EDR Contact :01/15/2014

INDIAN RESERV: Indian Reservations

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 12/31/2005

Source: USGS

Number of Days to Update: 34

Telephone: 202-208-3710

Last EDR Contact :01/15/2014

PWS: Public Water System Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

This Safe Drinking Water Information System (SDWIS) file contains public water systems name and address, population served and the primary source of water

Date of Government Version: 04/12/2007

Source: EPA

Number of Days to Update: N/A

Telephone: Not Reported

Last EDR Contact :12/09/2013

RECORD SOURCES AND CURRENCY

HISTORICAL USE RECORDS

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

Standard Environmental Record Source: Exclusive Recovered Govt. Archives
Search Distance: 0.333 Mile

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.

Date of Government Version: Not Reported Source: EDR
Number of Days to Update: 182 Telephone: Not Reported
Last EDR Contact :06/01/2012

RGA LF: Recovered Government Archive Solid Waste Facilities List

Standard Environmental Record Source: Exclusive Recovered Govt. Archives
Search Distance: 0.333 Mile

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.

Date of Government Version: Not Reported Source: EDR
Number of Days to Update: 193 Telephone: Not Reported
Last EDR Contact :06/01/2012

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

Standard Environmental Record Source: Exclusive Recovered Govt. Archives
Search Distance: 0.333 Mile

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.

Date of Government Version: Not Reported Source: EDR
Number of Days to Update: 182 Telephone: Not Reported
Last EDR Contact :06/01/2012

EDR MGP: EDR Proprietary Manufactured Gas Plants

Standard Environmental Record Source: Former manufactured Gas Plants
Search Distance: 0.333 Mile

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: 08/28/2009 Source: EDR, Inc.
Number of Days to Update: 55 Telephone: Not Reported
Last EDR Contact :11/30/2012

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

Standard Environmental Record Source: Historical Gas Stations
Search Distance: 0.25 Mile

RECORD SOURCES AND CURRENCY

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: 02/20/2007

Source: EDR, Inc.

Number of Days to Update: 42

Telephone: Not Reported

Last EDR Contact :02/21/2007

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

Standard Environmental Record Source: Historical Dry Cleaners

Search Distance: 0.25 Mile

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: 02/20/2007

Source: EDR, Inc.

Number of Days to Update: 42

Telephone: Not Reported

Last EDR Contact :02/21/2007

RECORD SOURCES AND CURRENCY

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.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW® 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

STATSGO: State Soil Geographic Database

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

STREET AND ADDRESS INFORMATION

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APPENDIX H
AUTHOR QUALIFICATIONS



GERALD L. KIRKPATRICK, P.G.
Principal Geoscientist



FIELDS OF COMPETENCE

- Fractured bedrock remediation.
- *In-situ* Bioremediation.
- Groundwater and soils remediation system design and implementation.
- Environmental litigation support.
- RCRA corrective action program design and implementation.
- CERCLA/SARA project planning and execution.
- Brownfields property redevelopment.

CREDENTIALS

M.S., Geology, The Florida State University, Florida, 1982.

B.S., Geology, Muskingum University, Ohio, 1980.

CERTIFICATIONS

Certified Professional Geologist - Indiana
Registered Professional Geologist - Pennsylvania
Certified Professional Geologist - American Institute of Professional Geologists

PROFESSIONAL AFFILIATIONS

American Institute of Professional Geologists
American Water Resources Association
Association of Ground Water Scientists and Engineers
International Association of Hydrogeologists
Environmental Law Institute
Geological Society of America
National Ground Water Association
Sigma XI (National Scientific Research Honorary)
Society for Mining, Metallurgy & Exploration
Society of Petroleum Engineers
American Association of Petroleum Geologists

Water Resources Association of the Delaware River Basin

SUMMARY OF EXPERIENCE

Mr. Kirkpatrick, a Certified and Registered Professional Geologist, joined Environmental Standards in May 1994. Mr. Kirkpatrick has more than 30 years of applied geoscience experience in both private industry and environmental consulting. He has directed and executed hydrogeologic investigations and remediation projects in diverse geologic settings, ranging from fractured bedrock and unconsolidated alluvial systems to deep karst bedrock aquifers. He has provided groundwater and fate/transport modeling, investigation, and facility assessments for multi-billion dollar international mergers and acquisitions; he has also provided expert testimony and consulting services to professional firms involved with environmental insurance, environmental litigation, and financial arbitration issues.

Mr. Kirkpatrick's project experience includes managing and participating in groundwater and soil investigations at more than 200 sites throughout the Eastern US. He has assisted in the design of a 2,000-gallon-per-minute (gpm) groundwater recovery and treatment system in the Northern Coastal Limestone Belt of Puerto Rico, has developed oil refinery remedial actions for a facility in Brazil, has investigated groundwater and business strategy development for industrial clients in Italy and Taiwan, and has conducted numerous soil and groundwater investigations/remedial actions in US EPA Regions II, III, IV, V, and VII.

Contaminate bedrock aquifer remediation is also an area of his technical expertise. He has successfully pursued modification of Records of Decision (RODs), has negotiated enforcement penalty reductions, and has secured loans for remedial action for Chapter 11 organizations.

Mr. Kirkpatrick has provided litigation support and expert testimony services to professional firms for environmental insurance claim dispute resolution and other property environmental impact issues.



These services have involved dispute values ranging from 1 to 250 million dollars. Comprehensive Environmental Response Compensation and Liability Act (CERCLA) cost recovery actions and third-party suits have been a particular area of focus.

As Principal Geoscientist at Environmental Standards, he is responsible for providing negotiation services and strategy advice to clients about complex hydrogeologic and environmental business issues, including the development of alternative work scopes, sampling strategies, and remedial action development. He has developed an intimate familiarity with Resource Conservation and Recovery Act (RCRA), CERCLA, and various state protocols and requirements for environmental investigations and cleanups. International experience in Europe, Asia, North America, and South America provides him with a global perspective on environmental management issues for the multi-national client.

Mr. Kirkpatrick is the author of a 2009 patent pending gravity drainage system using horizontal drain technologies in landfills for sustainable drainage of trapped landfill leachate in closed landfill cells.

KEY PROJECTS

- Provided Expert Testimony for several environmental insurance coverage claims.
- Developed *in-situ* bioremediation groundwater remedy at an 88-acre landfill in US EPA Region III.
- Provided Expert Testimony for an environmental consulting professional negligence suit associated with a Phase I project.
- Conducted Fate and Transport Modeling of a PCB-contaminated soils site in Region V.
- Conducted Pennsylvania Act 2-Compliant Investigations; developed fate and transport models at several locations throughout Pennsylvania including modeling chlorinated organic constituents, inorganic constituents, and petroleum fuel-related compounds.
- Developed *in-situ* bioremediation in groundwater remedy at an industrial property in Iowa.
- Conducted/directed numerous groundwater and soil investigations for contaminated CERCLA/RCRA and state agency sites in diverse hydrogeologic settings.
- Directed remedial design efforts for groundwater remediation systems using a variety of technologies including air-stripping, ultraviolet/hydrogen peroxide treatment, granular activated carbon (GAC), *in-situ* biotreatment systems, and monitored natural attenuation.
- Acted as design hydrogeologist and Project Manager for 2,000-gpm groundwater recovery and treatment system in Northern Coastal Limestone Belt, Puerto Rico.
- Managed multi-million dollar investigation/remediation project for tetrachlorodibenzodioxin (TCDD) contaminated soils site in northern New Jersey.
- Negotiated technical and financial aspects of administrative consent orders, consent decrees, and RCRA Corrective Action Programs (CAPs) (during Part B renewals) for Fortune 500 industrial clients with state and federal agencies in New York, North Carolina, Virginia, New Jersey, Pennsylvania, Maryland, Delaware, and US EPA Regions II, III, IV, and V.
- Coordinated and presented at public meetings regarding effects of groundwater and soil contamination on nearby communities on behalf of industrial clients.



KEY PROJECTS (Cont.)

- Provided hydrogeologic consulting and strategy development services for a variety of professional firms, insurance claims companies, financial institutions, and underwriters.
- Authored/co-authored several technical publications on remedial investigation, cost reduction, methods to monitor groundwater remediation project success, and low-level radioactive nuclear waste issues. Referee/Peer Reviewer for papers submitted for publication: *American Water Resources Association Official Scientific Journal* (1996-present).

PUBLICATIONS/PRESENTATIONS

- Kirkpatrick, G.L. "Reframing Coal Mine Compliance Obligations Using High Quality Science." Indiana Coal Council Annual Meeting, Indianapolis, IN, December 5, 2013.
- Kirkpatrick, G.L. "Pump and Treat as a Remedy: Perhaps It Works After All." American Institute of Professional Geologists 50th Annual Meeting. Broomfield, CO.
- Kirkpatrick, G.L. and J.P. Kraycik. "Geologic and Hydrogeologic Setting Influences on Contaminated Site Characterization and Remediation." The American Institute of Professional Geologists 50th Annual Meeting. Broomfield, CO, October 25, 2013.
- Kirkpatrick, G.L. "Reframing Mine Waste Compliance Obligations Using High Quality Science." MineExpo 2012. Las Vegas, NV, September 26, 2012.
- Kirkpatrick, G.L. "The Impact of Environmental Data Quality on the Coal Industry." Kentucky Coal Association Spring 2012 Meeting. Frankfort, KY, May 9, 2012.
- Kirkpatrick, G.L. "Cost Balancing and Data Quality When Addressing Environmental Liabilities." West Virginia Oil and Natural Gas Association Annual Meeting. Roanoke, West Virginia, May 10, 2012.
- Kirkpatrick, G.L. Perspectives on Sustainable Brownfields Site Redevelopment, 2009 ICMA Brownfields Conference, Panel Presentation. New Orleans, LA, November 18, 2009.
- Kirkpatrick, G.L. and K. Frysinger. "Fractured Bedrock Bioremediation of Chlorinated Solvents in the Southeast Pennsylvania." University Massachusetts Amherst Soils Conference Platform Presentation. October 2009.
- Hufford W., S. Fiorenza, and G. Kirkpatrick. "Carbon Footprint Assessment of Remedial Action at Retail Service Stations in New Jersey." Sustainable Approaches to Assessment and Remediation at Brownfields Sites, panel presentation. 1st Annual Northeast Sustainable Communities Workshop. Newark, NJ. June 18, 2009.
- W. Hufford and G. Kirkpatrick. "Carbon Footprint Assessment of Remedial Action at Retail Service Stations in New Jersey." International Council on Solid Waste. Philadelphia, PA. March 13, 2009.
- Kraycik, J.P. and G.L. Kirkpatrick. "Design and Implementation of In-Situ Groundwater Bioremediation Technologies at a Chlorinated Ethene Release Site." AIPG Innovative Remediation Technology Conference. Denver, CO. November 6-7, 2008.
- Kirkpatrick, G.L. and K. Frysinger. "Bioremediation of Chlorinated Solvents in the Brunswick Shale of Southeast Pennsylvania." American Institute of Professional Geologists Meeting. Denver, CO. October 2008.
- Kraycik, J.P. and G.L. Kirkpatrick. "Comparison of In-Situ Groundwater Bioremediation Technologies at a Dry Cleaner Release Site." Sixth International Conference on Remediation of Chlorinated and Recalcitrant Compounds. Monterey, CA. May 19-22, 2008.
- Brower, S. and G.L. Kirkpatrick. "Remediation and Cooperation at the Former Bishop Tube Facility." The 2008 Business of Brownfields Conference. Pittsburgh, PA. April 16-18, 2008.



PUBLICATIONS/PRESENTATIONS (Cont.)

Arthur, J. and G.L. Kirkpatrick. "Site Complications at an Urban Brownfields Property." The 2008 Business of Brownfields Conference. Pittsburgh, PA. April 16-18, 2008.

Kirkpatrick, G.L. "Obstacles and Opportunities – "The Bishop Tube Case Study." ICSC-US EPA Northeast Brownfields Redevelopment Program. February 12, 2008. Philadelphia, PA.

Kirkpatrick, G.L. "Transaction Team, Communications Key to Property Redevelopment." Va. Lawyers Weekly: (October 1, 2007).

Kirkpatrick, G.L. "A Risk Based Evaluation of Ambient and Background Air Sampling Data." Air and Waste Management Association Vapor Intrusion Conference. Providence, RI. September 26-28, 2007.

Kirkpatrick, G.L. "The Science Behind Brownfields Redevelopment." Annual Meeting of the National Association of Real Estate Editors. Philadelphia, PA. May 2007.

Kirkpatrick, G.L. and J. Kraycik. "Comparison of In-Situ Groundwater Bioremediation Technologies at a Chlorinated Ethene Release Site." Platform Presentation, BP Remedial Environmental Technology Conference. San Diego, CA. June 4-6, 2007.

Kraycik, J. P. and G.L. Kirkpatrick. "Comparison of In-Situ Groundwater Bioremediation Technologies at a Dry Cleaner Release Site." Poster presented at the 23rd Annual International Conference on Soils, Sediments, and Water. University of Massachusetts at Amherst, Amherst, MA. October 15-18, 2007.

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Kirkpatrick, G.L., B.J. Clark, and J. Peeples. "Environmental Regulation of Real Estate Management." Eighth Annual Environmental Law Forum, Pennsylvania Bar Institute. April 2003.

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Kirkpatrick, G.L. and K. W. Frysinger. "The Practical Utility of Using Visualization Tools in the Soil Remedial Action Planning Process." 17th Annual International Conference on Contaminated Soils, Sediments, and Water. October 2001.

Clark, B.J., Dice, E.E., and Kirkpatrick, G.L. (technical assistance). "The Dangers of MTBE," For the Defense: (August 2001): Pgs. 61 – 81.

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Richardson, W.K., G.L. Kirkpatrick, and S.P. Cline. "Integration of Borehole Geophysics and Aquifer Testing to Define a Fractured Bedrock Hydrogeologic System." Superfund '89, (1989): 227-281.

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Kirkpatrick, G.L. "Statistical Analysis of Grain Size Data As a Possible Key to Ancient Depositional Environments." Master's Thesis, Tallahassee, Florida, The University of Florida, (1982): 188 pgs.

Kirkpatrick, G.L. "Origin of Heavy Mineral Deposits, St. George Island, Florida." G.S.A. Abstracts with Programs. Vol. 14, No. 3 (1982).

Kirkpatrick, G.L. "GRANULOMETRY, Computer Program for Particle Size Analysis." Techniques. Vol. 6, No. 3 (1982).

Kirkpatrick, G.L., et al. "Recent Intertidal Carbonate Cementation of Beachrock on the North Shore of Maui, Hawaii." G.S.A. Abstracts with Programs. Vol. 12, No. 5 (1980): 231.



CONFERENCE MODERATOR/CHAIR

Kirkpatrick, G.L., Panel Moderator. Brownfields
2006. Boston, MA, November 2006.

Kirkpatrick, G. L., Session Moderator. Brownfields
2005. Denver, CO, November 2005.

Kirkpatrick, G. L., Session Moderator.
Brownfields, 2004. St. Louis, MO, October
2004.

Kirkpatrick, G. L., Session Moderator.
Brownfields, 2003. Portland, OR, October
2003.

Kirkpatrick, G. L. Chairman. Risk Assessment
Session, Superfund Annual Meeting.
Washington, DC, 1997.

Kirkpatrick, G. L. Chairman. Superfund Issues
Session, Superfund Annual Meeting.
Washington, DC, 1995.

Kirkpatrick, G. L. Chairman. Cost and Economics
Session, Hazardous Materials Control
Research Institute's Annual Meeting.
Washington, DC, 1991.

Kirkpatrick, G. L. Chairman. Superfund Session
on Cost and Economics. Washington, DC,
1990.

FIELDS OF COMPETENCE

- Facility and real estate risk analysis (Phase I and Phase II Environmental Site Assessments).
- Voluntary Cleanup Programs, Land Recycling, and Brownfields Redevelopment projects.
- Quality Oversight including third-party field auditing and inspection of environmental sampling.
- Environmental project management.
- Soil and groundwater remediation.
- Geotechnical evaluations.
- Underground storage tank investigation/removal.
- Engineering design for dredging and dredge material disposal.
- Marine investigations (geotechnical drilling, sediment sampling, and marine geophysics).
- US Army Corps of Engineers (US ACE) and federal Superfund project experience.
- Grant writing.

CREDENTIALS

M.A., Earth Sciences, University of Northern Colorado, 1996.

B.A., Geo-Environmental Studies, Shippensburg University of Pennsylvania, 1993.

CERTIFICATIONS AND AWARDS

US Green Building Council, Leadership in Energy and Environmental Design Accredited Professional (LEED AP). June 2009.

Licensed Professional Geologist (P.G.)
State of New Hampshire, License No. 122,
May 2002.

Certified Quality Auditor (CQA)
American Society for Quality, Cert. No. 46625
December 2013.

OSHA 1910.120 Hazardous Waste Operations
40-Hr. Certification, March 1996, Updated
through December 2014.

First Aid/CPR Certification, American Safety and
Health Institute, December 2009.

Transportation Worker Identification Credential
(TWIC) issued by the US Transportation
Security Administration, March 2013.

D.O.T. Hazardous Materials Transportation
Training, January 10, 2012.

PROFESSIONAL AFFILIATIONS

American Institute of Professional Geologists,
Active Member, August 2001.

American Society for Quality, Active Member,
March 2013.

SUMMARY OF EXPERIENCE

Mr. Kraycik is a Professional Geologist with more than 16 years of progressive experience in the environmental industry. As a Consulting Geoscientist, he is responsible for project management of remediation and assessment projects as well as quality assurance and quality control (QA/QC). Mr. Kraycik's experience includes geological sciences, project management, QA/QC, environmental remediation, geotechnical testing and analysis, and environmental sampling. Mr. Kraycik has prepared numerous detailed technical reports for regulatory review and approval.



KEY PROJECTS

- QA Auditor for General Electric Company's Hudson River PCB Superfund Remedial Action Monitoring Program (RAMP). This project is one of the nation's largest sediment remediation efforts. Conducted third-party field auditing of GE's sampling contractors during sediment remediation (dredging). Audited activities include sediment, surface water, biological, and air (particulate) sampling and monitoring.
- Assist upstream and mid-stream oil and gas producers with site issues associated with cold-climate petroleum resource development work in the Prudhoe Bay oil production field (North Slope of Alaska). Also assist upstream natural gas producers in the Marcellus Shale gas play with pre-drill surveys of residential water supplies and post-drilling water supply degradation complaint investigations.
- Project Manager responsible for providing the Montgomery County (Pennsylvania) Redevelopment Authority various environmental consulting services. Recently prepared a US EPA Brownfield Revolving Loan Fund grant application of behalf of the RDA. The grant application was successful and resulted in \$400,000 of funding for environmental assessment and cleanup projects in the county.
- Tennessee Valley Authority (TVA) Kingston, Tennessee, Fly Ash Recovery Project. Key QA team member providing third-party quality oversight. Responsibilities include field auditing during soil, sediment, surface water, groundwater, and air monitoring activities; preparation of guidance documents (sampling plans and SOPs); and reporting activities.
- Lancaster County (Pennsylvania) Targeted Brownfields Assessment Program. Project Manager responsible for coordinating and implementing Phase I and Phase II site assessments at various project sites on behalf of the City of Lancaster and the Lancaster County Planning Commission. Work is funded through a US EPA Brownfields Assessment Grant. Several of the individual projects have received awards including a 2008 Phoenix Award for community impact.
- Member of the third-party QA team for the BP Deepwater Horizon Oil Spill Response. Responsibilities included SOP and project control document preparation and review.
- Provided various services for a complex remedial investigation/design project involving the removal, treatment, and disposal of contaminated sediments (multiple constituents of concern) from a major navigable waterway in the Northeastern United States. Tasks included data management, 3-dimensional modeling of constituents of concern in sediment, volume and mass calculations, and figure generation to better characterize and visualize the environmental contaminants, to aid in remedial cost projections, and to assist in negotiations with the lead regulatory agency.
- Project Manager responsible for investigation and remediation activities at a former dry cleaner site in Williamsport, Pennsylvania, where soil, groundwater, and indoor air quality have been impacted by a release of chlorinated ethenes. Remedial activities include the design, installation, and operation of a soil vapor extraction (SVE) system and *in-situ* groundwater bioremediation program. Project is being conducted under the Pennsylvania Land Recycling Program and Environmental Remediation Standards Act (Act 2). Generated and submitted a Cleanup Plan for remedial activities that was approved by the Pennsylvania Department of Environmental Protection (PA DEP).



KEY PROJECTS (Cont.)

- Designed and managed the subsurface investigation and remediation of a former automobile salvage yard within the City of Philadelphia that was redeveloped as the Philadelphia Wholesale Produce Market (PWPM). As part of the Act 2 process, generated and submitted a combined Remedial Investigation/Cleanup Plan Report that was approved by PA DEP. An Act 2 release of liability was subsequently obtained for this site. The PWPM project was recognized with the US EPA Region 3 Phoenix Award and a Brownfield Renewal Award (Economic Impact) in 2011.
- Obtained a release of liability for soil and groundwater under Act 2 for a redevelopment project located in Conshohocken, Pennsylvania. The property was formerly operated as an industrial facility and was redeveloped for mixed-use commercial/residential purposes.
- Managed the assessment and remediation activities at a former industrial facility in Kulpsville, Pennsylvania, that was converted into Class A office space. Investigation activities included soil and groundwater sample collection and analysis. Remediation included UST closure and soil excavation under Chapter 245 (PA Storage Tank Regulations). The facility was renovated to meet the US Green Building Council LEED certification standards.
- Third-party field auditing of environmental contractors and consultants to evaluate field performance and conformance with project guidance documents and standard industry practices. Audited field activities have included soil, sediment, groundwater, soil gas, and indoor air quality sampling; environmental and geotechnical drilling; bathymetric surveying; and geophysical investigations.
- Managed work orders providing engineering and environmental services to a Massachusetts municipality for navigational dredging projects. Scope-of-Services

included marine investigations (geotechnical drilling, sediment sampling, and bathymetric surveys), engineering design for dredging and dredge material disposal, regulatory agency/client interface, subcontractor management, and cost estimating.

- Conducted and managed environmental site assessments and subsurface investigations to delineate the nature and extent of contaminated media.
- Quality Control Manager for the New Bedford Harbor, Massachusetts, Superfund Site. As a contractor to US ACE, implemented the US ACE three-phase inspection system, coordinated the inspection of work elements, ensured compliance with design documents, and instituted corrective actions on various construction/remediation projects involving the remediation of PCB-impacted soils and sediment.
- Field investigations including hollow stem auger drilling, Geoprobe[®] advancement/sampling, monitoring well installation and groundwater sample collection, soil sampling for chemical analysis, and field screening of soils with photoionization detector (PID). Air and mud rotary drilling/rock coring, rotasonic drilling, cone penetrometer testing, vibracore sampling, hand auger sampling, GPS, and bathymetric surveys were also components of the investigations.
- Geologist/QC Inspector at the Rocky Mountain Arsenal Superfund Project, Commerce City, Colorado. Responsible for the oversight of subsurface drilling, monitoring well installation/abandonment, and sample collection. Performed construction management and QC duties during construction of on-site, double-lined hazardous waste landfill and associated infrastructure.



KEY PROJECTS (Cont.)

- Underground Storage Tank (UST) investigations and removals including field screening of soils, groundwater/soil sampling for chemical analysis, manifesting and transportation/disposal coordination of excavated soils, and associated reporting.
- Design, installation, operation, and maintenance of soil vapor extraction/air sparge remediation (SVE/AS) systems.
- Geotechnical field and laboratory testing services including field density testing (nuclear density gauge and sand cone), moisture-density analysis, grain size analysis, Atterberg limits, concrete field testing, and compressive strength analysis.
- Field Engineer at the Shattuck Chemical Superfund Site, Denver, Colorado (Denver Radium Site Operable Unit 8). Operated and managed on-site geotechnical field laboratory. Provided air monitoring (TSP and RAS-1), radiological testing, environmental sampling, traditional surveying, and design layout/QA oversight for the construction of a soil-cement monolith and cap system.

PUBLICATIONS/PRESENTATIONS

- Kraycik, J.P. and G.L. Kirkpatrick. "Geologic and Hydrogeologic Setting Influences on Contaminated Site Characterization and Remediation." American Institute of Professional Geologists 50th Annual Meeting. Broomfield, CO, October 25, 2013.
- Kraycik, J.P., S.D. Brower, R.J. Vitale, and W.J. Rogers. "Evaluating Anomalous Surface Water Lead Results Associated with the TVA Kingston Ash Recovery Project." The Professional Geologist, Volume 50, No. 2, (March/April, 2013). Page 47
- Rogers, W.J., N.E. Carriker, R.J. Vitale, J.N. Gable, E.E. Rodgers, and J.P. Kraycik. "Porewater Studies Subsequent to the Kingston Ash Event," World of Coal Ash 2013. Lexington, KY, April 22-25, 2013.

Kraycik, J.P., S.D. Brower, R.J. Vitale, and W.J. Rogers. "Creating Legally-Defensible Data: A Large Scale Emergency Response Case Study." 5th International Symposium on Contaminated Sediments Restoration of Aquatic Environment. Montreal, QC, May 23-25, 2012.

Hawk, C.K., J.P. Kraycik, R.J. Vitale, and W.J. Rogers. "How the Use of a Quality Assurance Program Assisted in the Efficient and Legally Defensible Evaluation and Selection of Coal Ash Delineation Methodologies in Response to the TVA Coal Ash Release." 5th International Symposium on Contaminated Sediments Restoration of Aquatic Environment. Montreal, QC, May 23-25, 2012.

Kraycik, J.P. and G.L. Kirkpatrick. "Reworking a Bioremediation at a Dry Cleaner Release Site." International Symposium on Bioremediation and Sustainable Environmental Technologies. Reno, NV, June 27-30, 2011.

Kraycik, J.P., R.J. Vitale, S.D. Brower, and W.J. Rogers. "Development and Implementation of a Quality Assurance Program for the TVA Kingston Fly Ash Recovery Project." World of Coal Ash 2011. Denver, CO, May 9-12, 2011.

Kraycik, J.P. and G.L. Kirkpatrick. "Yes We Have Bananas – A South Philadelphia Brownfields Success Story." VA DEQ Brownfields Conference. Harrisonburg, VA, March 10, 2011.

Kraycik, J.P. and G.L. Kirkpatrick. "Design and Implementation of *In-Situ* Groundwater Bioremediation Technologies at a Chlorinated Ethene Release Site." AIPG Innovative Remediation Technology Conference. Denver, CO, November 6-7, 2008.

Kraycik, J.P. and G.L. Kirkpatrick. "Comparison of *In-Situ* Groundwater Bioremediation Technologies at a Dry Cleaner Release Site." Sixth International Conference on Remediation of Chlorinated and Recalcitrant Compounds. Monterey, CA, May 19-22, 2008.



PUBLICATIONS/PRESENTATIONS (Cont.)

Kraycik, J.P. and G.L. Kirkpatrick. "Comparison of *In-Situ* Groundwater Bioremediation Technologies at a Dry Cleaner Release Site." 23rd Annual International Conference on Soils, Sediments, and Water. University of Massachusetts at Amherst, Amherst, MA, October 15-18, 2007.

Vitale, R.J., D.P. Callaghan, and, J.P. Kraycik. "A Novel Modeling Methodology to Assist in Assessing Historical Data Quality for Sediment Characterization." 2007 National Environmental Monitoring Conference (NEMC). Cambridge, MA, August 19-25, 2007.

Kirkpatrick, G.L. and J.P. Kraycik. "Comparison of *In-Situ* Groundwater Bioremediation Technologies at a Chlorinated Ethene Release Site." Platform Presentation, BP Remedial Environmental Technology Conference. San Diego, CA, June 4-6, 2007.

Callaghan, D.P., J.P. Kraycik, and K.W. Frysinger. "A Novel Volume and Mass Estimating Methodology to Support Iterative Sediment Remedial Scenarios." 22nd Annual International Conference on Soils, Sediments, and Water. University of Massachusetts at Amherst. Amherst, MA, October 16-19, 2006.

FIELDS OF COMPETENCE

- Project management and site closure under Pennsylvania’s Land Recycling and Environmental Remediation Standards Act (Act 2).
- Design, implementation, and oversight of environmental site investigation and characterization programs.
- Design, implementation, and oversight of environmental remediation programs utilizing a variety of technologies.
- Environmental field activities including soil, groundwater, sediment, and surface water sampling.
- Data compilation and report preparation.
- Phase I & II Environmental Site Assessments.
- Underground storage tank investigation.
- Environmental data compilation and technical report preparation.
- Environmental field activities including soil, groundwater, sediment, and surface water sampling.
- Collection of soil gas, vapor, and indoor air samples for chemical analysis.
 - AutoCAD® and MicroStation® software.

CREDENTIALS

B.S., Biology/Environmental Science, Edinboro University, Edinboro, Pennsylvania, 2003.

M.S., Environmental Health and Engineering. Gannon University, Erie, Pennsylvania, 2005.

CERTIFICATIONS

OSHA 29 CFR 1910.120 Hazardous Waste Operations and Emergency Response (HAZWOPER) 40-Hour Certification, May 2005.

OSHA 29 CFR 1910.120 HAZWOPER 8-Hour Recertification, current through March 2011.

ASTM Phase I and Phase II Environmental Site Assessments for Commercial Real Estate, March 2006.

SUMMARY OF EXPERIENCE

Ms. Price has 9 years of project experience with Pennsylvania Act II and UST Phase I and Phase II environmental site assessments, UST investigations/removal in New Jersey and Pennsylvania, New Jersey Brownfields, New Jersey Industrial Site Recovery Act (ISRA), and Pennsylvania and New Jersey Indoor Vapor Intrusion Investigations. As a Project Geoscientist, her primary responsibilities include management of environmental site investigation and remediation projects as well as the implementation of field work associated with those projects. Ms. Price is also responsible for managing projects, including tasks such as proposals and budgets, development and implementation of work plans, assessment of field and laboratory data, regulatory reporting, client and regulatory interaction, and budget tracking and invoicing.

Ms. Price has submitted numerous detailed technical and regulatory reports for review (e.g., environmental site assessments, PA DEP UST site characterization reports, PA DEP UST remedial action completion reports, and NJ DEP UST closure reports) that have obtained regulatory approval.

In addition to her reporting responsibilities, Ms. Price provides oversight to subcontractors and conducts field investigations that include hollow stem auger drilling, direct push advancement and sampling, monitoring well installation, and groundwater and soil sample collection for analytical analysis.

KEY PROJECTS

- Project Manager overseeing NPDES permitted sampling and reporting, PA DEP Residual Waste sampling and reporting, and PA DEP Mining Permit sampling and reporting. Additional activities included in this project are annual statistical evaluation of groundwater and reporting responsibilities.



KEY PROJECTS (Cont.)

- Project Manager overseeing investigation and remediation activities at a former gasoline station and dry cleaner site in central Pennsylvania where soil, groundwater, and indoor air quality have been impacted by a release of chlorinated solvents. Activities included removal of impacted soils, investigation of potential underground storage tank, installation of groundwater monitoring wells, and soil sampling via direct push technology. Project is being conducted under the Pennsylvania Land Recycling Program and Environmental Remediation Standards Act (Act 2).
- Conducts quality assurance tasks at a large oil release site. Responsibilities include oversight of source subsampling, finalization of analytical requests, correspondence between the field sampling teams and the data management processors, and oversight of sample receiving process including Chains-of-Custody and required analyses. Also is the task manager for all Sampling and Analysis Plans, and Analytical Requests.
- Managed an Underground Storage Tank (UST) Site that utilized microbe placement at bottom of impacted excavation. Expedited biodegradation process by introducing oxygen to subsurface via vapor extraction techniques.
- Managed numerous UST sites in Pennsylvania and New Jersey. Some sites required tank removal, *in-situ* passive remediation, and active remediation. All sites required quarterly groundwater monitoring and analytical data evaluation.
- Conducted and managed environmental site assessments and subsurface investigations to delineate the nature and extent of contaminated media.
- Conducted field investigations that include hollow stem auger drilling, Geoprobe[®] advancement/sampling, monitoring well installation and groundwater sample collection, soil sampling for chemical analysis, and field screening of soils with photoionization detector (PID). Air rotary drilling/rock coring and hand auger sampling were also components of the investigations.
- UST investigations and removals including field screening soils with PID during excavation, groundwater/soil sampling for chemical analysis, manifesting, and transportation/disposal coordination of excavated soils, and associated reporting.
- Managed various environmental site investigation and remediation projects (including residential, commercial, and industrial properties) under Pennsylvania's Act 2 Program and New Jersey's Technical Regulations (N.J.A.C. 7:26E); obtained closure for several projects under Act 2.
- Provided assistance with site activities and reporting at a former automobile salvage yard within the city of Philadelphia being redeveloped as the Philadelphia Regional Produce Distribution Center. Investigation activities included soil sample collection and analysis, groundwater monitoring well installation, groundwater sampling and analysis, aquifer characterization, and soil gas sampling. As part of the Act 2 process, a final closure report was prepared and notifications were processed.
- Participated in soil permeability testing for proposed residential and commercial properties in Southeastern Pennsylvania and New Jersey.
- Conducted Phase I Environmental Site Assessments at various commercial and industrial properties in Pennsylvania, New York, and New Jersey.