

Hoff VC

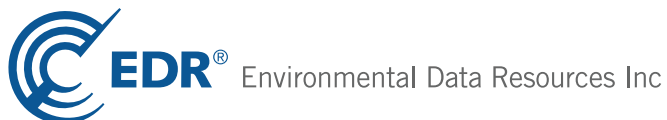
Lat/Long

Perkiomenville, PA 18074

Inquiry Number: 3232992.2s

January 04, 2012

The EDR Radius Map™ Report with GeoCheck®



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

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

LAT/LONG
PERKIOMENVILLE, PA 18074

COORDINATES

Latitude (North): 40.329000 - 40° 19' 44.4"
Longitude (West): 75.556800 - 75° 33' 24.5"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 452699.2
UTM Y (Meters): 4464212.0
Elevation: 403 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 40075-C5 SASSAMANSVILLE, PA
Most Recent Revision: 1990

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2010
Source: USDA

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site List

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

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

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

SWF/LF..... Operating Facilities

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

UST..... Listing of Pennsylvania Regulated Underground Storage Tanks

EXECUTIVE SUMMARY

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

State and tribal institutional control / engineering control registries

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

State and tribal voluntary cleanup sites

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

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Sites

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

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

Local Lists of Registered Storage Tanks

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

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System
ACT 2-DEED..... Act 2-Deed Acknowledgment Sites

Records of Emergency Release Reports

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

Other Ascertainable Records

RCRA-NonGen..... RCRA - Non Generators

EXECUTIVE SUMMARY

DOT OPS.....	Incident and Accident Data
DOD.....	Department of Defense Sites
FUDS.....	Formerly Used Defense Sites
CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
UIC.....	Underground Injection Wells
NPDES.....	NPDES Permit Listing
MANIFEST.....	Manifest Information
DRYCLEANERS.....	Drycleaner Facility Locations
AIRS.....	Permit and Emissions Inventory Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH DOE.....	Sleam-Electric Plan Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants.....	EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations.....	EDR Proprietary Historic Gas Stations
EDR Historical Cleaners.....	EDR Proprietary Historic Dry Cleaners

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

State and tribal leaking storage tank lists

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

A review of the LUST list, as provided by EDR, and dated 10/06/2011 has revealed that there is 1 LUST 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>
GOOD OIL Facility Status: Interim Remedial Actions Initiated or Completed	334 LAYFIELD RD	NE 0 - 1/8 (0.037 mi.)	1	7

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

A review of the LAST list, as provided by EDR, and dated 10/06/2011 has revealed that there is 1 LAST site within approximately 0.5 miles of the target property.

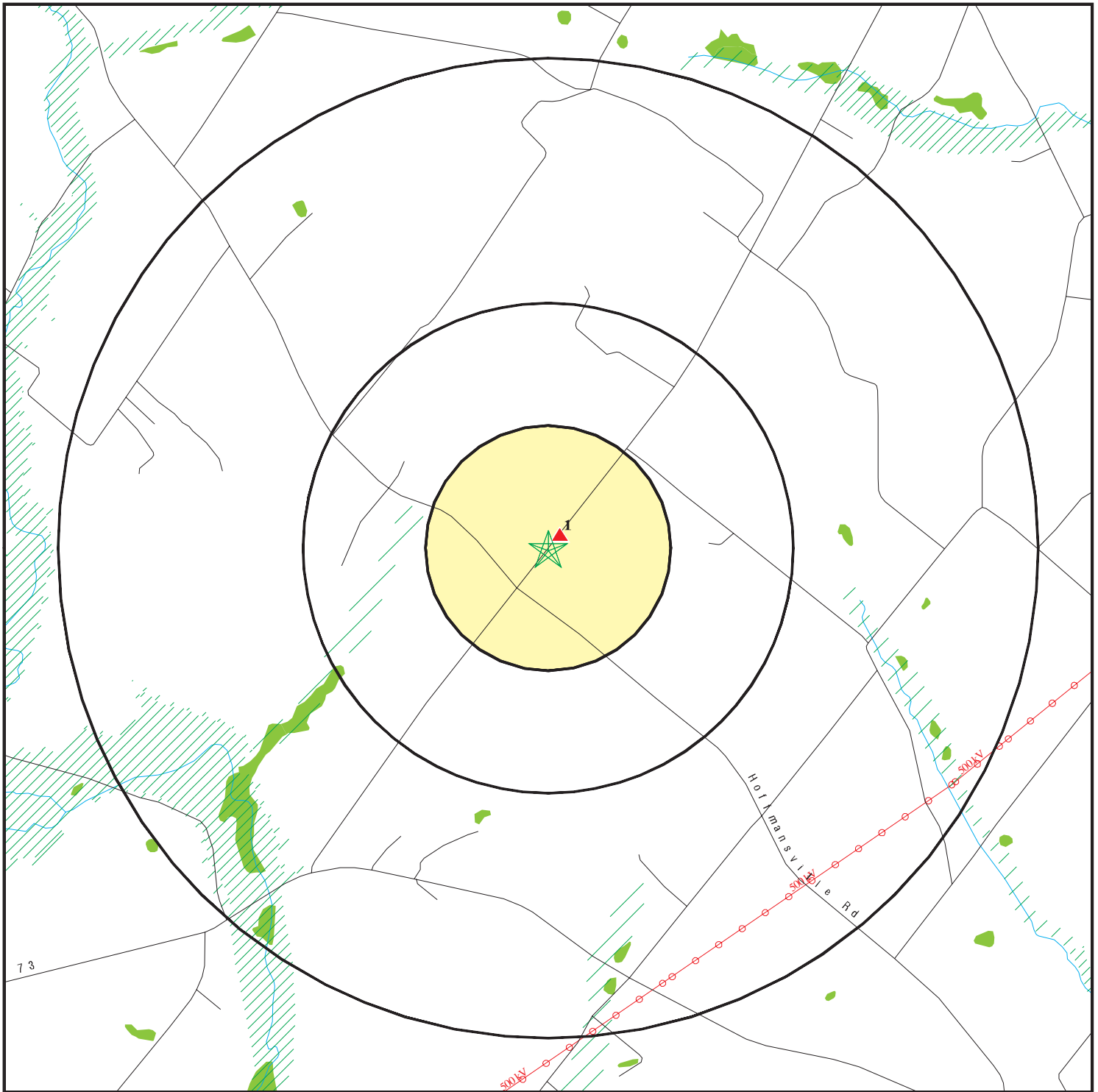
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GOOD OIL Facility Status: Interim Remedial Actions Initiated or Completed	334 LAYFIELD RD	NE 0 - 1/8 (0.037 mi.)	1	7

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 4 records.

<u>Site Name</u>	<u>Database(s)</u>
WASHINGTON ELEMENTARY SCHOOL	ARCHIVE UST
SUNOCO SERVICE STATION-BARTO	RCRA-NonGen, FINDS
ATOMIC INTL	RCRA-NonGen, FINDS
ATOMIC INTL	RCRA-NonGen

OVERVIEW MAP - 3232992.2s



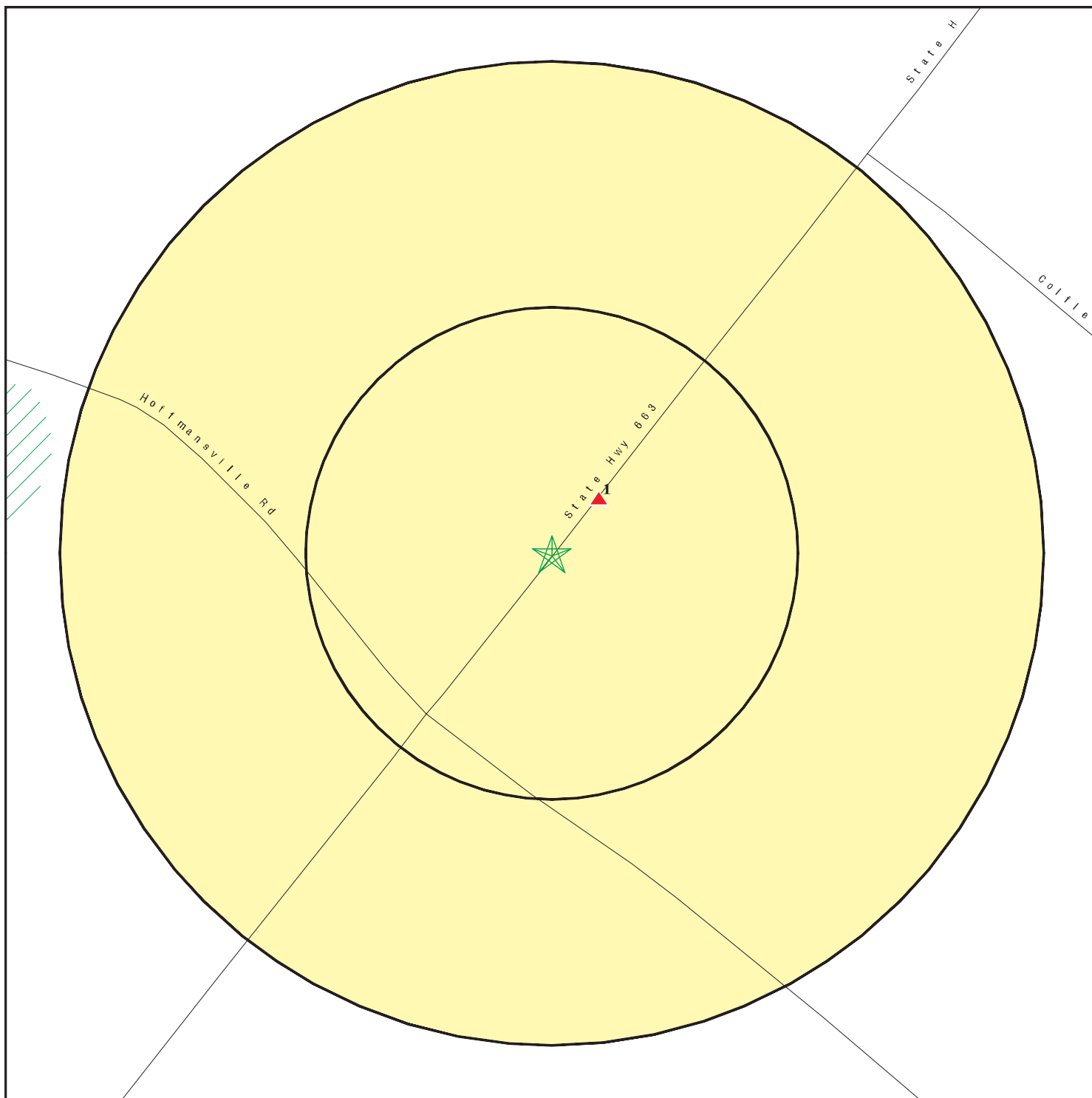
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ☒ National Priority List Sites
- ☒ Dept. Defense Sites
- ☒ Indian Reservations BIA
- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines 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.

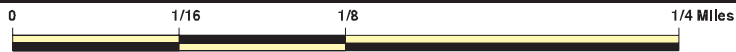
SITE NAME: Hoff VC
 ADDRESS: Lat/Long
 Perkiomenville PA 18074
 LAT/LONG: 40.3290 / 75.5568

CLIENT: Dimitri Quafisi
 CONTACT: Dimitri Quafisi
 INQUIRY #: 3232992.2s
 DATE: January 04, 2012 10:13 am

DETAIL MAP - 3232992.2s



- ★ 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
- 🛞 Oil & Gas pipelines from USGS
- 🌊 100-year flood zone
- 🌊 500-year flood zone



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: Hoff VC
 ADDRESS: Lat/Long
 Perkiomenville PA 18074
 LAT/LONG: 40.3290 / 75.5568

CLIENT: Dimitri Quafisi
 CONTACT: Dimitri Quafisi
 INQUIRY #: 3232992.2s
 DATE: January 04, 2012 10:13 am

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
UIC		TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
MANIFEST		0.250	0	0	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1
NE
< 1/8
0.037 mi.
194 ft.

GOOD OIL
334 LAYFIELD RD
SASSAMANSVILLE, PA

LUST **S109507606**
LAST **N/A**

Relative:
Higher

LUST:

Region: LUST
Facility Id: 46-05427
Facility Address2: Not reported
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim Remedial Actions Initiated or Completed
Status Date: 12/10/2010
Release Date: 12/03/2010
Source Cause Desc: Undetermined

Actual:
406 ft.

LAST:

Facility Id: 46-05427
Facility Type: Aboveground Storage Tank
Facility Status: Interim Remedial Actions Initiated or Completed
Status Date: 09/28/2007
DEP Region: 4100
Release Date: 09/28/2007
Source Cause Desc: Undetermined

Count: 4 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BARTO	1000329494	SUNOCO SERVICE STATION-BARTO	RT 100	19504	RCRA-NonGen, FINDS
BARTO	S111117863	WASHINGTON ELEMENTARY SCHOOL	RT 100 & NIATIC RD	19504	ARCHIVE UST
FREDERICK	1004777982	ATOMIC INTL	RT 73 & 663	19435	RCRA-NonGen, FINDS
FREDERICK	1004778001	ATOMIC INTL	RT 73 & 663 PO BOX 279	19435	RCRA-NonGen

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: 06/30/2011	Source: EPA
Date Data Arrived at EDR: 07/12/2011	Telephone: N/A
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 10/12/2011
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/23/2012
	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: 06/30/2011	Source: EPA
Date Data Arrived at EDR: 07/12/2011	Telephone: N/A
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 10/12/2011
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/23/2012
	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: 06/30/2011	Source: EPA
Date Data Arrived at EDR: 07/12/2011	Telephone: N/A
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 10/12/2011
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/23/2012
	Data Release Frequency: Quarterly

Federal CERCLIS list

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

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

Date of Government Version: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 11/29/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/12/2012
	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: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 10/14/2011
Number of Days to Update: 36	Next Scheduled EDR Contact: 01/23/2012
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 11/29/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/12/2012
	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: 03/09/2011
Date Data Arrived at EDR: 03/15/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 91

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/14/2011
Next Scheduled EDR Contact: 02/27/2012
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: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/05/2011
Next Scheduled EDR Contact: 01/16/2012
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: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/05/2011
Next Scheduled EDR Contact: 01/16/2012
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: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/05/2011
Next Scheduled EDR Contact: 01/16/2012
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: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/05/2011
Next Scheduled EDR Contact: 01/16/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 03/16/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2011	Telephone: 703-603-0695
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 12/09/2011
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/26/2012
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 03/16/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2011	Telephone: 703-603-0695
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 12/09/2011
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/26/2012
	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: 10/03/2011	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/04/2011	Telephone: 202-267-2180
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 10/04/2011
Number of Days to Update: 38	Next Scheduled EDR Contact: 01/16/2012
	Data Release Frequency: Annually

State- and tribal - equivalent NPL

SHWS: Hazardous Sites Cleanup Act Site List

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

Date of Government Version: 10/03/2011	Source: Department Environmental Protection
Date Data Arrived at EDR: 10/26/2011	Telephone: 717-783-7816
Date Made Active in Reports: 11/02/2011	Last EDR Contact: 10/26/2011
Number of Days to Update: 7	Next Scheduled EDR Contact: 02/06/2012
	Data Release Frequency: Semi-Annually

HSCA: HSCA Remedial Sites Listing

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

Date of Government Version: 12/27/2010	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/04/2011	Telephone: 717-783-7816
Date Made Active in Reports: 03/02/2011	Last EDR Contact: 10/28/2011
Number of Days to Update: 26	Next Scheduled EDR Contact: 02/06/2012
	Data Release Frequency: Varies

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWF/LF: Operating Facilities

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

Date of Government Version: 09/01/2011
Date Data Arrived at EDR: 09/21/2011
Date Made Active in Reports: 11/02/2011
Number of Days to Update: 42

Source: Department of Environmental Protection
Telephone: 717-787-7564
Last EDR Contact: 11/29/2011
Next Scheduled EDR Contact: 03/12/2012
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: 10/06/2011
Date Data Arrived at EDR: 11/11/2011
Date Made Active in Reports: 12/09/2011
Number of Days to Update: 28

Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 12/19/2011
Next Scheduled EDR Contact: 04/02/2012
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
Date Data Arrived at EDR: 08/14/2003
Date Made Active in Reports: 08/29/2003
Number of Days to Update: 15

Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 08/14/2003
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: 10/06/2011
Date Data Arrived at EDR: 11/11/2011
Date Made Active in Reports: 12/09/2011
Number of Days to Update: 28

Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 12/19/2011
Next Scheduled EDR Contact: 04/02/2012
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: 01/31/2011
Date Data Arrived at EDR: 02/01/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 48

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 08/11/2011
Date Data Arrived at EDR: 08/12/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 32

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/02/2011	Source: EPA Region 10
Date Data Arrived at EDR: 11/04/2011	Telephone: 206-553-2857
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 7	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Quarterly

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

Date of Government Version: 10/01/2011	Source: EPA Region 1
Date Data Arrived at EDR: 11/01/2011	Telephone: 617-918-1313
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 11/01/2011
Number of Days to Update: 10	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Varies

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

Date of Government Version: 09/12/2011	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/13/2012
	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: 02/16/2011	Source: EPA Region 7
Date Data Arrived at EDR: 06/02/2011	Telephone: 913-551-7003
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 103	Next Scheduled EDR Contact: 02/13/2012
	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: 08/18/2011	Source: EPA Region 8
Date Data Arrived at EDR: 08/19/2011	Telephone: 303-312-6271
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Quarterly

State and tribal registered storage tank lists

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

Date of Government Version: 09/01/2011	Source: Department of Environmental Protection
Date Data Arrived at EDR: 09/21/2011	Telephone: 717-772-5599
Date Made Active in Reports: 11/02/2011	Last EDR Contact: 12/19/2011
Number of Days to Update: 42	Next Scheduled EDR Contact: 04/02/2012
	Data Release Frequency: Varies

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

Date of Government Version: 09/01/2011	Source: Department of Environmental Protection
Date Data Arrived at EDR: 09/21/2011	Telephone: 717-772-5599
Date Made Active in Reports: 11/02/2011	Last EDR Contact: 12/19/2011
Number of Days to Update: 42	Next Scheduled EDR Contact: 04/02/2012
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/04/2011	Source: EPA Region 9
Date Data Arrived at EDR: 08/05/2011	Telephone: 415-972-3368
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 39	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/18/2011	Source: EPA Region 8
Date Data Arrived at EDR: 08/19/2011	Telephone: 303-312-6137
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/01/2011	Source: EPA Region 7
Date Data Arrived at EDR: 06/01/2011	Telephone: 913-551-7003
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/02/2011	Source: EPA Region 10
Date Data Arrived at EDR: 11/04/2011	Telephone: 206-553-2857
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 7	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2011	Source: EPA, Region 1
Date Data Arrived at EDR: 11/01/2011	Telephone: 617-918-1313
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 10	Next Scheduled EDR Contact: 02/13/2012
	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: 08/11/2011	Source: EPA Region 4
Date Data Arrived at EDR: 08/12/2011	Telephone: 404-562-9424
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 32	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/01/2011	Source: EPA Region 5
Date Data Arrived at EDR: 08/26/2011	Telephone: 312-886-6136
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 18	Next Scheduled EDR Contact: 02/13/2012
	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: 10/31/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Semi-Annually

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: 10/17/2011
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/30/2012
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Site Listing

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

Date of Government Version: 05/15/2008	Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/16/2008	Telephone: 717-783-9470
Date Made Active in Reports: 06/12/2008	Last EDR Contact: 10/24/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/06/2012
	Data Release Frequency: Varies

AUL: Environmental Covenants Listing

A listing of sites with environmental covenants.

Date of Government Version: 03/25/2011	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/25/2011	Telephone: 717-783-7509
Date Made Active in Reports: 04/20/2011	Last EDR Contact: 10/24/2011
Number of Days to Update: 26	Next Scheduled EDR Contact: 02/06/2012
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/24/2011
Next Scheduled EDR Contact: 02/06/2012
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 08/04/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/04/2011
Next Scheduled EDR Contact: 01/16/2012
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Sites

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

Date of Government Version: 10/18/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 11/02/2011
Number of Days to Update: 14

Source: Department of Environmental Protection
Telephone: 717-783-2388
Last EDR Contact: 10/19/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: Semi-Annually

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.

Date of Government Version: 10/25/2011
Date Data Arrived at EDR: 10/28/2011
Date Made Active in Reports: 12/09/2011
Number of Days to Update: 42

Source: Department of Environmental Protection
Telephone: 717-783-1566
Last EDR Contact: 07/27/2011
Next Scheduled EDR Contact: 11/07/2011
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 06/27/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/27/2011	Telephone: 202-566-2777
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 12/27/2011
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/09/2012
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 12/21/2011
Number of Days to Update: 137	Next Scheduled EDR Contact: 04/09/2012
	Data Release Frequency: No Update Planned

HIST LF INVENTORY: Facility Inventory

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

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

HIST LF ALL: Abandoned Landfill Inventory

The report provides facility information recorded in the Pennsylvania Department of Environmental Protection ALL 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: 11/28/2011
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/12/2012
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST LF INACTIVE: Inactive Facilities List

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

Date of Government Version: 12/20/1994	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/12/2005	Telephone: 717-787-7381
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/21/2005
Number of Days to Update: 30	Next Scheduled EDR Contact: 12/19/2005
	Data Release Frequency: No Update Planned

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: 11/07/2011
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/20/2012
	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: 06/08/2011	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/16/2011	Telephone: 202-307-1000
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 12/05/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 03/19/2012
	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

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: 09/01/2011	Source: Department of Environmental Protection
Date Data Arrived at EDR: 09/21/2011	Telephone: 717-772-5599
Date Made Active in Reports: 11/03/2011	Last EDR Contact: 12/19/2011
Number of Days to Update: 43	Next Scheduled EDR Contact: 04/02/2012
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ARCHIVE AST: Archived Aboveground Storage Tank Sites

The list includes aboveground tanks with a capacity greater than 21,000 gallons that were removed from the DEP's Storage Tank Information database because of the Department's policy on sensitive information. The list also may include tanks that are removed or permanently closed.

Date of Government Version: 09/01/2011	Source: Department of Environmental Protection
Date Data Arrived at EDR: 09/21/2011	Telephone: 717-772-5599
Date Made Active in Reports: 11/03/2011	Last EDR Contact: 12/19/2011
Number of Days to Update: 43	Next Scheduled EDR Contact: 04/02/2012
	Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 09/09/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/16/2011	Telephone: 202-564-6023
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/22/2011
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/05/2012
	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: 10/04/2011	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/04/2011	Telephone: 202-366-4555
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 01/03/2012
Number of Days to Update: 38	Next Scheduled EDR Contact: 04/16/2012
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS: State spills

A listing of hazardous material incidents.

Date of Government Version: 11/15/2011
Date Data Arrived at EDR: 11/21/2011
Date Made Active in Reports: 12/09/2011
Number of Days to Update: 18

Source: DEP, Emergency Response
Telephone: 717-787-5715
Last EDR Contact: 11/15/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: Varies

Other Ascertainable Records

RCRA-NonGen: 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: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/05/2011
Next Scheduled EDR Contact: 01/16/2012
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: 07/29/2011
Date Data Arrived at EDR: 08/09/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 94

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/08/2011
Next Scheduled EDR Contact: 02/20/2012
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: 10/20/2011
Next Scheduled EDR Contact: 01/30/2012
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: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/09/2011
Next Scheduled EDR Contact: 03/26/2012
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: 06/01/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 41

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 04/16/2012
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: 07/31/2011	Source: EPA
Date Data Arrived at EDR: 09/14/2011	Telephone: 703-416-0223
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 12/14/2011
Number of Days to Update: 15	Next Scheduled EDR Contact: 03/26/2012
	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: 10/21/2010	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 11/29/2011
Number of Days to Update: 99	Next Scheduled EDR Contact: 03/12/2012
	Data Release Frequency: Varies

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: 08/18/2011	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/08/2011	Telephone: 303-231-5959
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 12/07/2011
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/19/2012
	Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/17/2010	Telephone: 202-566-0250
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 12/02/2011
Number of Days to Update: 94	Next Scheduled EDR Contact: 03/12/2012
	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: 12/27/2011
Number of Days to Update: 64	Next Scheduled EDR Contact: 04/09/2012
	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: 11/28/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/12/2012
	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: 11/28/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/12/2012
	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: 10/31/2011
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/13/2012
	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: 01/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/21/2011	Telephone: 202-564-5088
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 12/21/2011
Number of Days to Update: 59	Next Scheduled EDR Contact: 04/09/2012
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

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

Date of Government Version: 11/01/2010	Source: EPA
Date Data Arrived at EDR: 11/10/2010	Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 10/19/2011
Number of Days to Update: 98	Next Scheduled EDR Contact: 01/30/2012
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 06/21/2011	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/15/2011	Telephone: 301-415-7169
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 12/12/2011
Number of Days to Update: 60	Next Scheduled EDR Contact: 03/26/2012
	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: 01/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/13/2011	Telephone: 202-343-9775
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 10/13/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/23/2012
	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: 04/14/2010	Source: EPA
Date Data Arrived at EDR: 04/16/2010	Telephone: (215) 814-5000
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 12/13/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 03/26/2012
	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

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/30/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Biennially

UIC: Underground Injection Wells

A listing of underground injection well locations.

Date of Government Version: 09/26/2011
Date Data Arrived at EDR: 09/27/2011
Date Made Active in Reports: 11/02/2011
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: 717-783-7209
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Varies

NPDES: NPDES Permit Listing

A listing of facilities with an NPDES permit.

Date of Government Version: 03/24/2011
Date Data Arrived at EDR: 06/15/2011
Date Made Active in Reports: 07/21/2011
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: 717-787-9642
Last EDR Contact: 12/14/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Varies

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: Annually

DRYCLEANERS: Drycleaner Facility Locations

A listing of drycleaner facility locations.

Date of Government Version: 09/26/2011
Date Data Arrived at EDR: 09/26/2011
Date Made Active in Reports: 11/02/2011
Number of Days to Update: 37

Source: Department of Environmental Protection
Telephone: 717-787-9702
Last EDR Contact: 12/23/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 10/20/2010
Date Made Active in Reports: 12/06/2010
Number of Days to Update: 47

Source: Department of Environmental Protection
Telephone: 717-787-9702
Last EDR Contact: 01/03/2012
Next Scheduled EDR Contact: 04/16/2012
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: 10/20/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 10/24/2011
Number of Days to Update: 54	Next Scheduled EDR Contact: 02/06/2012
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/20/2011
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/30/2012
	Data Release Frequency: N/A

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: 12/08/2011
Number of Days to Update: 77	Next Scheduled EDR Contact: 03/26/2012
	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: 01/01/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2009	Telephone: 202-566-0517
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 11/04/2011
Number of Days to Update: 100	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Varies

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	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 12/08/2011
Number of Days to Update: 76	Next Scheduled EDR Contact: 01/30/2012
	Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary 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.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary 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.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

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: 11/21/2011
Date Data Arrived at EDR: 11/22/2011
Date Made Active in Reports: 12/22/2011
Number of Days to Update: 30

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/22/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 07/20/2011
Date Made Active in Reports: 08/11/2011
Number of Days to Update: 22

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/18/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/01/2011
Date Data Arrived at EDR: 11/08/2011
Date Made Active in Reports: 12/22/2011
Number of Days to Update: 44

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/08/2011
Next Scheduled EDR Contact: 02/20/2012
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 06/24/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 6

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/28/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 08/11/2011
Date Data Arrived at EDR: 08/26/2011
Date Made Active in Reports: 09/14/2011
Number of Days to Update: 19

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 10/24/2011
Next Scheduled EDR Contact: 02/06/2012
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/15/2011
Number of Days to Update: 27

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/19/2011
Next Scheduled EDR Contact: 04/02/2012
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Facility List

Source: Department of Public Welfare

Telephone: 717-783-3856

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

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

HOFF VC
LAT/LONG
PERKIOMENVILLE, PA 18074

TARGET PROPERTY COORDINATES

Latitude (North):	40.32900 - 40° 19' 44.4"
Longitude (West):	75.5568 - 75° 33' 24.5"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	452699.2
UTM Y (Meters):	4464212.0
Elevation:	403 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	40075-C5 SASSAMANSVILLE, PA
Most Recent Revision:	1990

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

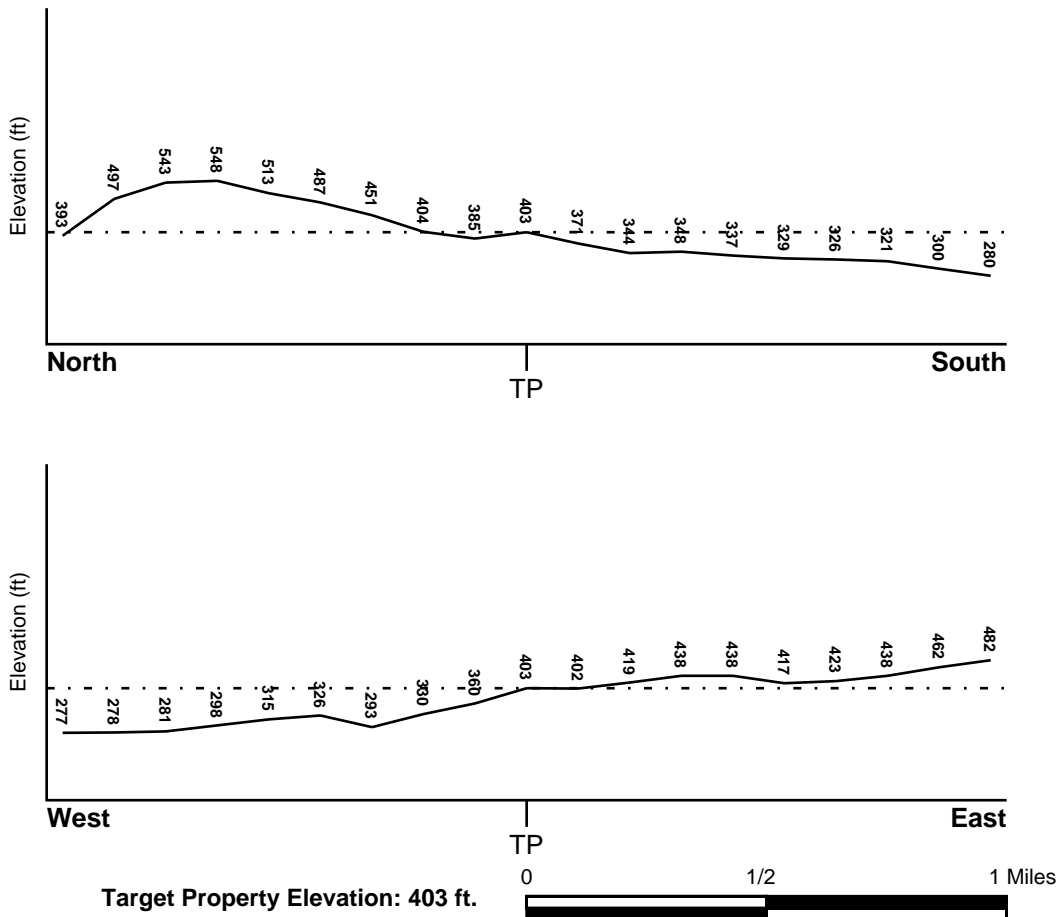
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Target Property County</u> 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> SASSAMANSVILLE	<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

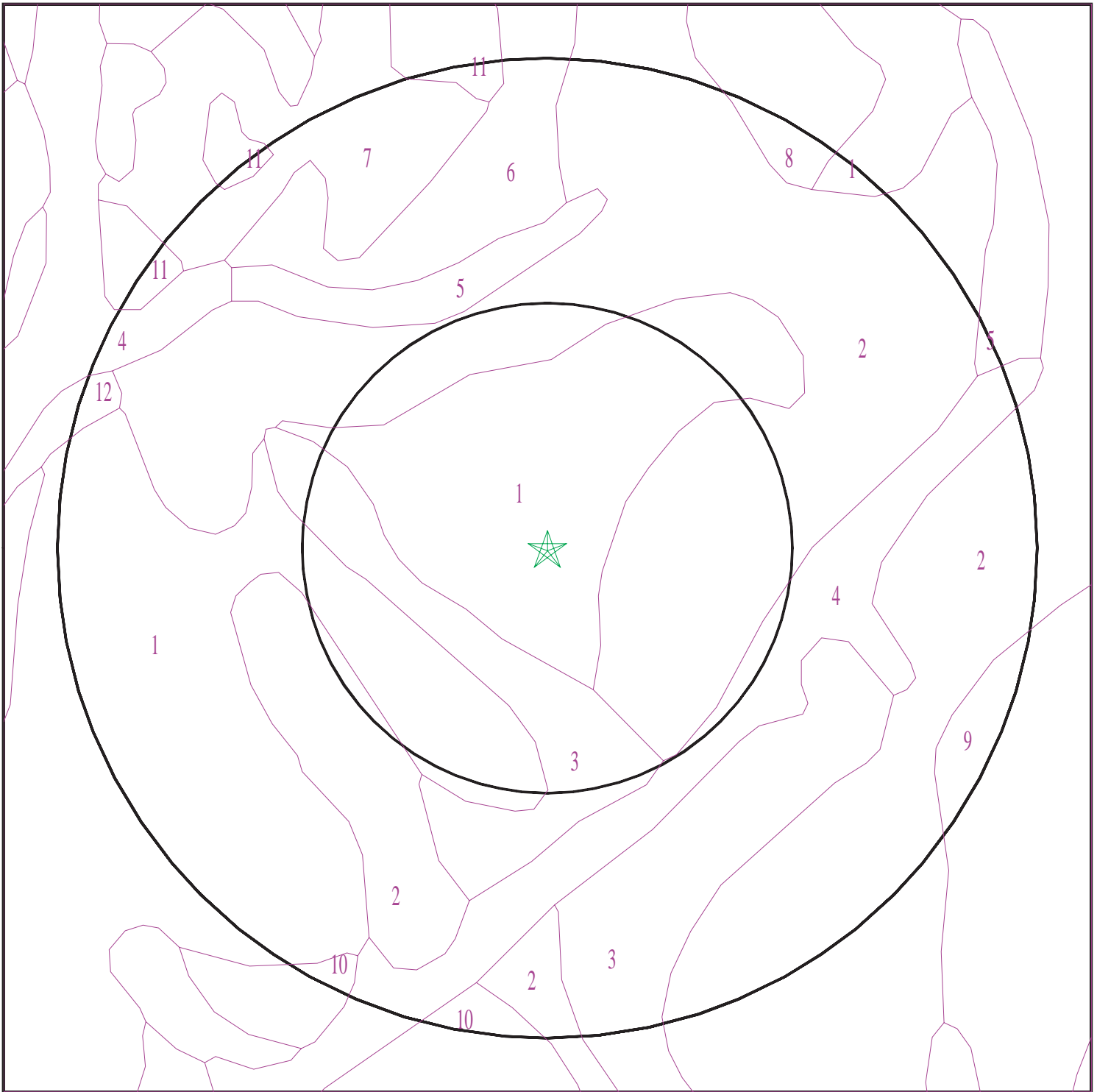
Era:	Mesozoic
System:	Triassic
Series:	Triassic
Code:	Tr (<i>decoded above as Era, System & Series</i>)

GEOLOGIC AGE IDENTIFICATION

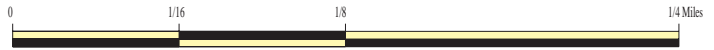
Category: Stratified Sequence

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 - 3232992.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Hoff VC
ADDRESS: Lat/Long
Perkiomenville PA 18074
LAT/LONG: 40.3290 / 75.5568

CLIENT: Dimitri Quafisi
CONTACT: Dimitri Quafisi
INQUIRY #: 3232992.2s
DATE: January 04, 2012 10:14 am

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: Lehigh

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: Moderate

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	5 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
2	5 inches	20 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
3	20 inches	40 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
4	40 inches	44 inches	bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

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.	Not reported	Max: 14 Min: 1.41	Max: Min:
2	9 inches	12 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 14 Min: 1.41	Max: Min:
3	12 inches	44 inches	gravelly silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 14 Min: 1.41	Max: Min:
4	44 inches	59 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 14 Min: 1.41	Max: Min:
5	59 inches	63 inches	bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 14 Min: 1.41	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: Lehigh

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: Moderate

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	5 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
2	5 inches	20 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
3	20 inches	40 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
4	40 inches	44 inches	bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 4

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

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.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42.34 Min: 14.11	Max: 7.3 Min: 5.1
2	9 inches	35 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42.34 Min: 14.11	Max: 7.3 Min: 5.1
3	35 inches	59 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42.34 Min: 14.11	Max: 7.3 Min: 5.1
4	59 inches	63 inches	stratified gravel to sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42.34 Min: 14.11	Max: 7.3 Min: 5.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 5

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

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.	Not reported	Max: 14 Min: 1.41	Max: Min:
2	11 inches	16 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 14 Min: 1.41	Max: Min:
3	16 inches	40 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 14 Min: 1.41	Max: Min:
4	40 inches	59 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 14 Min: 1.41	Max: Min:
5	59 inches	63 inches	bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 14 Min: 1.41	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 6

Soil Component Name: Watchung

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: > 122 inches

Depth to Watertable Min: > 15 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), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 1.41	Max: 7.3 Min: 5.6
2	7 inches	42 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 1.41	Max: 7.3 Min: 5.6
3	42 inches	59 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 1.41	Max: 7.3 Min: 5.6

Soil Map ID: 7

Soil Component Name: Mount Lucas

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: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 202 inches

Depth to Watertable Min: > 53 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42.34 Min: 0.42	Max: 7.3 Min: 5.6
2	9 inches	37 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42.34 Min: 0.42	Max: 7.3 Min: 5.6
3	37 inches	98 inches	gravelly loamy sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42.34 Min: 0.42	Max: 7.3 Min: 5.6

Soil Map ID: 8

Soil Component Name: Lehigh

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: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 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	5 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
2	5 inches	20 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
3	20 inches	40 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
4	40 inches	44 inches	bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 9

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

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), Clayey Soils.	Not reported	Max: 14 Min: 1.41	Max: Min:
2	9 inches	12 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 14 Min: 1.41	Max: Min:
3	12 inches	37 inches	gravelly silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 14 Min: 1.41	Max: Min:
4	37 inches	59 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 14 Min: 1.41	Max: Min:
5	59 inches	63 inches	bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 14 Min: 1.41	Max: Min:

Soil Map ID: 10

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.	Not reported	Max: Min:	Max: Min:
2	7 inches	18 inches	channery silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
3	18 inches	31 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
4	31 inches	35 inches	bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 11

Soil Component Name: Legore

Soil Surface Texture: clay 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: Moderate

Depth to Bedrock Min: > 106 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	3 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
2	3 inches	20 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
3	20 inches	59 inches	channery sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
4	59 inches	63 inches	bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 12

Soil Component Name: Brecknock variant

Soil Surface Texture: very channery silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 106 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	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
2	7 inches	33 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
3	33 inches	48 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
4	48 inches	51 inches	bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	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>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS2163260	0 - 1/8 Mile NNE
D10	USGS2163279	1/8 - 1/4 Mile WNW
G25	USGS2163287	1/4 - 1/2 Mile WNW
J28	USGS2163155	1/4 - 1/2 Mile NNE
K29	USGS2163308	1/4 - 1/2 Mile WNW
K30	USGS2163309	1/4 - 1/2 Mile WNW
P39	USGS2163184	1/2 - 1 Mile NNW
42	USGS2163384	1/2 - 1 Mile SW
X101	USGS2163215	1/2 - 1 Mile North
110	USGS2163354	1/2 - 1 Mile SW
X111	USGS2163221	1/2 - 1 Mile North
AD137	USGS2163198	1/2 - 1 Mile NW
139	USGS2163059	1/2 - 1 Mile NNE
143	USGS2163077	1/2 - 1 Mile North
162	USGS2163355	1/2 - 1 Mile WSW
AO163	USGS2163202	1/2 - 1 Mile NW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
Z114	PA1460393	1/2 - 1 Mile NW

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	PASI30000080461	0 - 1/8 Mile North
A3	SPAW0124719	0 - 1/8 Mile North
B4	SPAW0124787	1/8 - 1/4 Mile SSW
C5	PASI30000080190	1/8 - 1/4 Mile WSW
B6	PASI30000080055	1/8 - 1/4 Mile SSW
B7	PASI30000080145	1/8 - 1/4 Mile SW
B8	SPAW0124780	1/8 - 1/4 Mile SW
C9	SPAW0124786	1/8 - 1/4 Mile WSW
D11	SPAW0124145	1/4 - 1/2 Mile WNW
E12	PASI30000080655	1/4 - 1/2 Mile WNW
F13	SPAW0124282	1/4 - 1/2 Mile NE
F14	PASI30000080928	1/4 - 1/2 Mile NE
F15	PASI30000080876	1/4 - 1/2 Mile NE
F16	SPAW0124302	1/4 - 1/2 Mile NE
E17	SPAW0124698	1/4 - 1/2 Mile WNW
E18	PASI30000080786	1/4 - 1/2 Mile WNW
G19	SPAW0124171	1/4 - 1/2 Mile WNW
G20	PASI30000080739	1/4 - 1/2 Mile WNW
H21	PASI30000081081	1/4 - 1/2 Mile NE
H22	SPAW0124712	1/4 - 1/2 Mile NE
I23	SPAW0124446	1/4 - 1/2 Mile ENE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
I24	PASI30000080740	1/4 - 1/2 Mile ENE
J26	PASI30000081430	1/4 - 1/2 Mile NNE
J27	SPAW0124433	1/4 - 1/2 Mile NNE
L31	PASI30000080787	1/4 - 1/2 Mile ENE
L32	SPAW0124125	1/4 - 1/2 Mile ENE
M33	SPAW0124177	1/4 - 1/2 Mile East
M34	PASI30000080352	1/4 - 1/2 Mile East
N35	PASI30000081367	1/2 - 1 Mile NW
O36	SPAW0124452	1/2 - 1 Mile ESE
O37	PASI30000080100	1/2 - 1 Mile ESE
N38	SPAW0124248	1/2 - 1 Mile NW
P40	SPAW0124675	1/2 - 1 Mile NNW
Q41	PASI30000081886	1/2 - 1 Mile NNW
R43	SPAW0124513	1/2 - 1 Mile South
R44	SPAW0124514	1/2 - 1 Mile South
R45	PASI30000078953	1/2 - 1 Mile South
R46	PASI30000078954	1/2 - 1 Mile South
R47	SPAW0124515	1/2 - 1 Mile South
R48	PASI30000078955	1/2 - 1 Mile South
Q49	SPAW0124674	1/2 - 1 Mile NNW
Q50	PASI30000081981	1/2 - 1 Mile NNW
R51	SPAW0124516	1/2 - 1 Mile South
R52	PASI30000078877	1/2 - 1 Mile South
R53	SPAW0124517	1/2 - 1 Mile South
R54	PASI30000078878	1/2 - 1 Mile South
R55	PASI30000078879	1/2 - 1 Mile South
R56	SPAW0124518	1/2 - 1 Mile South
R57	PASI30000078880	1/2 - 1 Mile South
R58	SPAW0124519	1/2 - 1 Mile South
S59	SPAW0124129	1/2 - 1 Mile SSE
S60	PASI30000078956	1/2 - 1 Mile SSE
T61	SPAW0124425	1/2 - 1 Mile ESE
S62	SPAW0124133	1/2 - 1 Mile SSE
T63	PASI30000079574	1/2 - 1 Mile ESE
S64	PASI30000078957	1/2 - 1 Mile SSE
S65	SPAW0124128	1/2 - 1 Mile SSE
S66	PASI30000078881	1/2 - 1 Mile SSE
S67	PASI30000078823	1/2 - 1 Mile SSE
S68	SPAW0124134	1/2 - 1 Mile SSE
S69	PASI30000078882	1/2 - 1 Mile SSE
S70	SPAW0124403	1/2 - 1 Mile SSE
U71	SPAW0124144	1/2 - 1 Mile SE
U72	PASI30000079327	1/2 - 1 Mile SE
S73	PASI30000078824	1/2 - 1 Mile SSE
S74	SPAW0124402	1/2 - 1 Mile SSE
U75	SPAW0124415	1/2 - 1 Mile SE
U76	PASI30000079242	1/2 - 1 Mile SE
S77	PASI30000078825	1/2 - 1 Mile SSE
S78	SPAW0124396	1/2 - 1 Mile SSE
S79	PASI30000078826	1/2 - 1 Mile SSE
S80	PASI30000078827	1/2 - 1 Mile SSE
S81	SPAW0124130	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
S82	SPAW0124399	1/2 - 1 Mile SSE
V83	PASI30000078778	1/2 - 1 Mile SSE
S84	PASI30000078828	1/2 - 1 Mile SSE
S85	SPAW0124132	1/2 - 1 Mile SSE
V86	SPAW0124405	1/2 - 1 Mile SSE
S87	PASI30000078779	1/2 - 1 Mile SSE
S88	SPAW0124404	1/2 - 1 Mile SSE
S89	PASI30000078780	1/2 - 1 Mile SSE
S90	PASI30000078781	1/2 - 1 Mile SSE
S91	SPAW0124131	1/2 - 1 Mile SSE
S92	SPAW0124397	1/2 - 1 Mile SSE
S93	PASI30000078782	1/2 - 1 Mile SSE
S94	PASI30000078783	1/2 - 1 Mile SSE
S95	SPAW0124127	1/2 - 1 Mile SSE
S96	SPAW0124400	1/2 - 1 Mile SSE
W97	SPAW0124499	1/2 - 1 Mile East
W98	PASI30000080101	1/2 - 1 Mile East
V99	SPAW0124398	1/2 - 1 Mile SSE
V100	PASI30000078728	1/2 - 1 Mile SSE
V102	SPAW0124126	1/2 - 1 Mile SSE
V103	SPAW0124147	1/2 - 1 Mile SSE
V104	SPAW0124401	1/2 - 1 Mile SSE
V105	PASI30000078729	1/2 - 1 Mile SSE
V106	PASI30000078730	1/2 - 1 Mile SSE
V107	PASI30000078731	1/2 - 1 Mile SSE
Y108	PASI30000082029	1/2 - 1 Mile NNE
Y109	SPAW0124160	1/2 - 1 Mile NNE
Z112	PASI30000081810	1/2 - 1 Mile NW
Z113	SPAW0120606	1/2 - 1 Mile NW
AA115	PASI30000078626	1/2 - 1 Mile SSE
AA116	SPAW0124148	1/2 - 1 Mile SSE
AA117	PASI30000078591	1/2 - 1 Mile SSE
AA118	SPAW0124149	1/2 - 1 Mile SSE
AB119	PASI30000082422	1/2 - 1 Mile North
AB120	SPAW0124783	1/2 - 1 Mile North
AC121	PASI30000082454	1/2 - 1 Mile North
AC122	SPAW0124673	1/2 - 1 Mile North
AD123	PASI30000081885	1/2 - 1 Mile NW
124	PASI30000078694	1/2 - 1 Mile SW
AE125	SPAW0124689	1/2 - 1 Mile NW
AE126	PASI30000082180	1/2 - 1 Mile NW
AF127	PASI30000081429	1/2 - 1 Mile WNW
AG128	PASI30000078369	1/2 - 1 Mile SSE
AF129	SPAW0124784	1/2 - 1 Mile WNW
AG130	SPAW0124414	1/2 - 1 Mile SSE
AF131	PASI30000081556	1/2 - 1 Mile WNW
AF132	SPAW0124175	1/2 - 1 Mile WNW
AH133	SPAW0124782	1/2 - 1 Mile NNE
AH134	PASI30000082502	1/2 - 1 Mile NNE
AG135	SPAW0124146	1/2 - 1 Mile SSE
AG136	PASI30000078261	1/2 - 1 Mile SSE
AH138	SPAW0124137	1/2 - 1 Mile NNE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

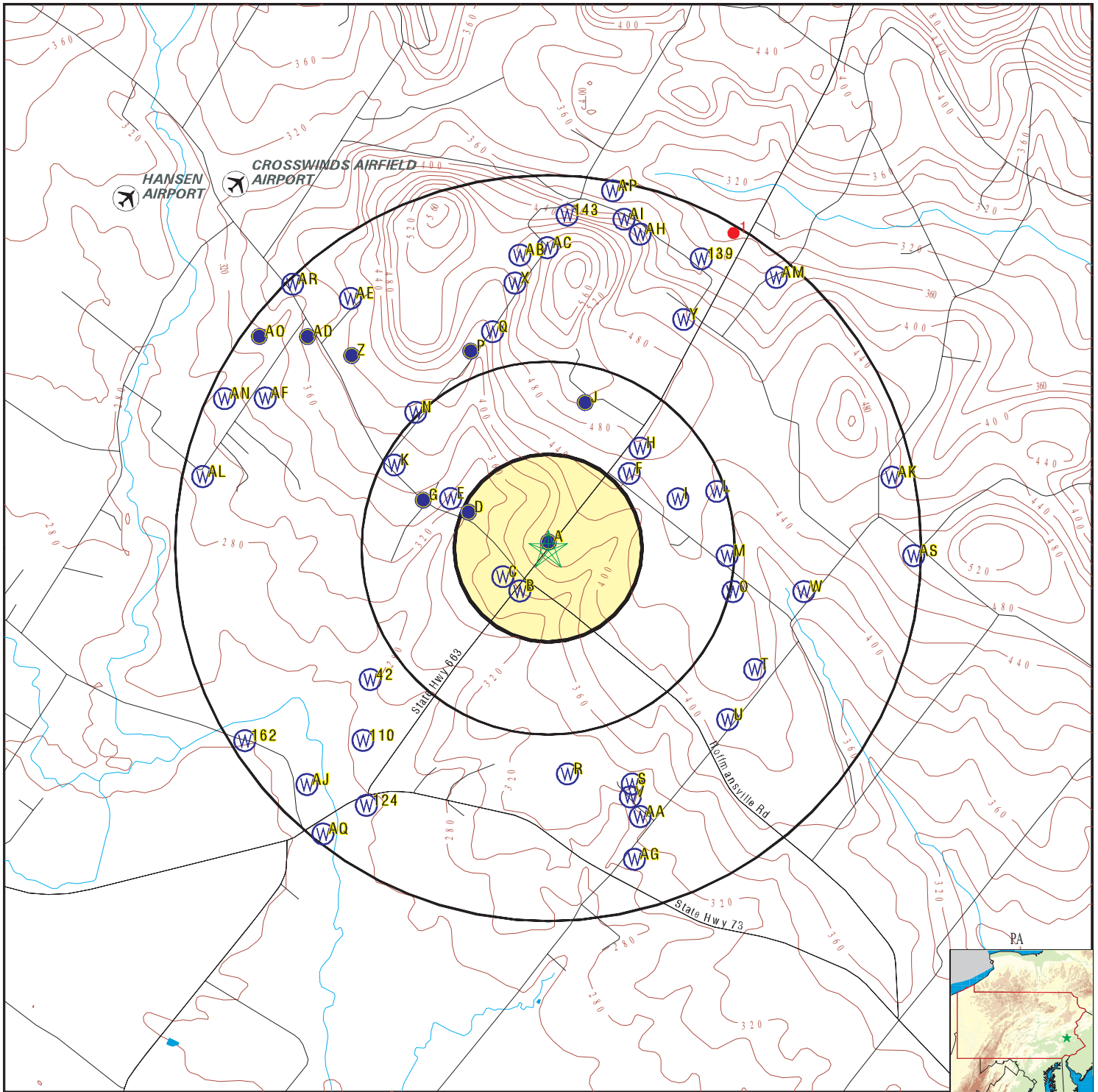
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
AH140	PASI30000082540	1/2 - 1 Mile NNE
AH141	PASI30000082573	1/2 - 1 Mile NNE
AH142	SPAW0124451	1/2 - 1 Mile NNE
AI144	PASI30000082626	1/2 - 1 Mile NNE
AI145	SPAW0124781	1/2 - 1 Mile NNE
AJ146	SPAW0124785	1/2 - 1 Mile SW
AJ147	PASI30000078822	1/2 - 1 Mile SW
AI148	PASI30000082627	1/2 - 1 Mile NNE
AI149	SPAW0124484	1/2 - 1 Mile NNE
AK150	PASI30000080828	1/2 - 1 Mile East
AK151	SPAW0124474	1/2 - 1 Mile East
AK152	PASI30000080929	1/2 - 1 Mile ENE
AL153	SPAW0124443	1/2 - 1 Mile WNW
AK154	SPAW0124473	1/2 - 1 Mile ENE
AL155	PASI30000080875	1/2 - 1 Mile WNW
AM156	SPAW0124200	1/2 - 1 Mile NE
AM157	PASI30000082302	1/2 - 1 Mile NE
AN158	SPAW0124292	1/2 - 1 Mile WNW
AN159	PASI30000081500	1/2 - 1 Mile WNW
AO160	PASI30000081884	1/2 - 1 Mile NW
AO161	SPAW0124454	1/2 - 1 Mile NW
AP164	PASI30000082824	1/2 - 1 Mile North
AP165	SPAW0124407	1/2 - 1 Mile North
AQ166	SPAW0124690	1/2 - 1 Mile SW
AQ167	PASI30000078511	1/2 - 1 Mile SW
AR168	PASI30000082217	1/2 - 1 Mile NW
AR169	SPAW0124494	1/2 - 1 Mile NW
AS170	PASI30000080353	1/2 - 1 Mile East
AS171	SPAW0124124	1/2 - 1 Mile East
AR172	SPAW0124495	1/2 - 1 Mile NW
AR173	PASI30000082301	1/2 - 1 Mile NW

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

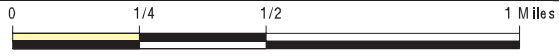
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	PAOG30000014271	1/2 - 1 Mile NNE

PHYSICAL SETTING SOURCE MAP - 3232992.2s



- 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: Hoff VC
 ADDRESS: Lat/Long
 Perkiomenville PA 18074
 LAT/LONG: 40.3290 / 75.5568

CLIENT: Dimitri Quafisi
 CONTACT: Dimitri Quafisi
 INQUIRY #: 3232992.2s
 DATE: January 04, 2012 10:13 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
NNE
0 - 1/8 Mile
Higher

FED USGS USGS2163260

Agency cd:	USGS	Site no:	401945075332401
Site name:	MG 2033		
Latitude:	401945	EDR Site id:	USGS2163260
Longitude:	0753324	Dec lat:	40.32916667
Dec lon:	-75.55666667	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	42
State:	42	County:	091
Country:	US	Land net:	Not Reported
Location map:	SASSAMANSVILLE	Map scale:	24000
Altitude:	403		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill. Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	1964
Date inventoried:	20030912	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	DIABASE DIKES AND SILLS		
Well depth:	220	Hole depth:	Not Reported
Source of depth data:	owner		
Project number:	2476OAN00		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	2003-09-12	Ground water data end date:	2003-09-12
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

2003-09-12	27.06	

A2
North
0 - 1/8 Mile
Higher

PA WELLS PASI30000080461

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 0693
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231DIBS
Topography:	HILLSIDE	Well depth:	198
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	Not Reported
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.3291666667	Depth to bedrock:	14
Longitude dd:	-75.5572222222	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	169250
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01/01/1968	Latest well:	170875
Source site:	2		
Latest owner:	168381		
Latest prod:	169363		
Site id:	PASI30000080461		

A3
North
0 - 1/8 Mile
Higher

PA WELLS SPAW0124719

Well ID:	X 0693	County	MONTGOMERY
Owner's Name:	RENNINGER ELSIE	Longitude:	753326
Latitude:	401945	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	198	Casing1 Diameter(inches):	7
Casing 1:	22	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-68
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	Not Reported
Yield (gpm):	3	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1014
Bedrock:	14	Water Bearing Zone 2:	177
Water Bearing Zone 1:	86	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	1641
Municipality:	NEW HANOVER		
Aquifer:	DIABASE DIKES AND SILLS		

B4
SSW
1/8 - 1/4 Mile
Lower

PA WELLS SPAW0124787

Well ID:	X 1610	County	MONTGOMERY
Owner's Name:	LATSHAW L	Longitude:	753329
Latitude:	401937	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	320	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:	50	Yield Measurement Method:	0
Yield (gpm):	5	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	0982
Bedrock:	10	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	300	Lithology:	Not Reported
Water Bearing Zone 3:	Not Reported	Remark:	1641
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

C5
WSW
1/8 - 1/4 Mile
Lower

PA WELLS PASI30000080190

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 1609
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	300
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	Not Reported
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3277777778		
Longitude dd:	-75.5594444444		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	20
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01/01/1943	Pagwis id:	169317
Source site:	2	Local permit:	Not Reported
Latest owner:	168448	Driller sc:	0
Latest prod:	169425	Latest well:	170941
Site id:	PASI30000080190		

B6
SSW
1/8 - 1/4 Mile
Lower

PA WELLS PASI30000080055

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 1610
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	320
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	Not Reported
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3269444444		
Longitude dd:	-75.5580555556		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	10
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01/01/1960	Pagwis id:	169318
Source site:	2	Local permit:	Not Reported
Latest owner:	168449	Driller sc:	0
Latest prod:	169426	Latest well:	170942

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000080055

B7
SW
1/8 - 1/4 Mile
Lower

PA WELLS PASI30000080145

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 1603
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231DIBS
Topography:	HILLSIDE	Well depth:	440
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	Not Reported
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3275		
Longitude dd:	-75.5591666667		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	16
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01/01/1948	Pagwis id:	169311
Source site:	2	Local permit:	Not Reported
Latest owner:	168442	Driller sc:	0
Latest prod:	169419	Latest well:	170935
Site id:	PASI30000080145		

B8
SW
1/8 - 1/4 Mile
Lower

PA WELLS SPAW0124780

Well ID:	X 1603	County	MONTGOMERY
Owner's Name:	WELLER F	Longitude:	753333
Latitude:	401939	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	440	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:	15	Yield Measurement Method:	1
Yield (gpm):	Not Reported	Test Time:	Not Reported
Drawdown:	425	Driller:	0188
Bedrock:	16	Water Bearing Zone 2:	235
Water Bearing Zone 1:	160	Lithology:	Not Reported
Water Bearing Zone 3:	Not Reported	Remark:	1641
Municipality:	NEW HANOVER		
Aquifer:	DIABASE DIKES AND SILLS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

C9
WSW
1/8 - 1/4 Mile
Lower

PA WELLS SPAW0124786

Well ID:	X 1609	County:	MONTGOMERY
Owner's Name:	BILLGER C	Longitude:	753334
Latitude:	401940	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	300	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:	50	Yield Measurement Method:	0
Yield (gpm):	2	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	0982
Bedrock:	20	Water Bearing Zone 1:	Not Reported
Water Bearing Zone 1:	Not Reported	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 3:	Not Reported	Lithology:	LIMESTONE
Municipality:	NEW HANOVER	Remark:	1641
Aquifer:	BRUNSWICK FORMATION		

D10
WNW
1/8 - 1/4 Mile
Lower

FED USGS USGS2163279

Agency cd:	USGS	Site no:	401949075333701
Site name:	MG 2028	EDR Site id:	USGS2163279
Latitude:	401949.47	Dec lat:	40.33040833
Longitude:	0753336.58	Coor meth:	G
Dec lon:	-75.56016111	Latlong datum:	NAD83
Coor accr:	5	District:	42
Dec latlong datum:	NAD83	County:	091
State:	42	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	SASSAMANSVILLE		
Altitude:	335		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	19920518
Date inventoried:	20030911	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	BRUNSWICK FORMATION		
Well depth:	248	Hole depth:	Not Reported
Source of depth data:	driller		
Project number:	2476OAN00		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 0000-00-00
 Ground water data begin date: 2003-09-11
 Ground water data count: 1

Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 2003-09-11

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
2003-09-11	3.65	

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

PA WELLS SPAW0124145

Well ID:	3109N	County	MONTGOMERY
Owner's Name:	MILLARD R	Longitude:	753343
Latitude:	401949	Lat/Long Accuracy:	ACCURATE TO +10 SECONDS
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	265	Casing1 Diameter(inches):	6
Casing 1:	24	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	8-80
Grouted:	Not Reported	Production WL:	225
Static Water Level:	10	Yield Measurement Method:	V
Yield (gpm):	4	Test Time:	0.5
Drawdown:	205	Driller:	380
Bedrock:	8	Water Bearing Zone 2:	148
Water Bearing Zone 1:	72	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE BLACK GRANITE
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

**E12
 WNW
 1/4 - 1/2 Mile
 Lower**

PA WELLS PASI30000080655

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	3109N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	265
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +10 SECONDS	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.3302777778	Depth to bedrock:	8
Longitude dd:	-75.5619444444	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	168676
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	08/01/1980	Latest well:	170303
Source site:	2		
Latest owner:	167807		
Latest prod:	168789		
Site id:	PASI30000080655		

F13
NE
1/4 - 1/2 Mile
Higher

PA WELLS SPAW0124282

Well ID:	5251N	County	MONTGOMERY
Owner's Name:	PATWIL INC	Longitude:	753312
Latitude:	401955	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	377	Casing1 Diameter(inches):	6
Casing 1:	21	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	12-87
Grouted:	Not Reported	Production WL:	377
Static Water Level:	328	Yield Measurement Method:	V
Yield (gpm):	3	Test Time:	0.5
Drawdown:	49	Driller:	188
Bedrock:	7	Water Bearing Zone 2:	185
Water Bearing Zone 1:	25	Lithology:	OTHER
Water Bearing Zone 3:	215	Remark:	ROCK TYPE: TRAPROCK
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

F14
NE
1/4 - 1/2 Mile
Higher

PA WELLS PASI30000080928

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5251N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	377
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.3319444444	Depth to bedrock:	7
Longitude dd:	-75.5533333333	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	168813
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	12/01/1987	Latest well:	170440
Source site:	2		
Latest owner:	167944		
Latest prod:	168926		
Site id:	PASI30000080928		

F15
NE
1/4 - 1/2 Mile
Higher

PA WELLS PASI30000080876

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5271N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	604
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3316666667		
Longitude dd:	-75.5527777778		
Well address:	Not Reported	Depth to bedrock:	20
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	168833
Date drilled:	07/01/1991	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	167964	Latest well:	170460
Latest prod:	168946		
Site id:	PASI30000080876		

F16
NE
1/4 - 1/2 Mile
Higher

PA WELLS SPAW0124302

Well ID:	5271N	County	MONTGOMERY
Owner's Name:	AUSTIN FRANK	Longitude:	753310
Latitude:	401954	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	604	Casing1 Diameter(inches):	6
Casing 1:	42	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Not Reported	Date Drilled:	7-91
Static Water Level:	20	Production WL:	Not Reported
Yield (gpm):	2	Yield Measurement Method:	E
Drawdown:	Not Reported	Test Time:	Not Reported
Bedrock:	20	Driller:	462
Water Bearing Zone 1:	280	Water Bearing Zone 2:	560
Water Bearing Zone 3:	Not Reported	Lithology:	GRANITE
Municipality:	NEW HANOVER	Remark:	Not Reported
Aquifer:	BRUNSWICK FORMATION		

E17
WNW
1/4 - 1/2 Mile
Lower

PA WELLS SPAW0124698

Well ID:	X 0425	County	MONTGOMERY
Owner's Name:	CURRY MATT	Longitude:	753344
Latitude:	401952	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	95	Casing1 Diameter(inches):	7
Casing 1:	22	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-68
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	Not Reported
Yield (gpm):	15	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1014
Bedrock:	16	Water Bearing Zone 2:	53
Water Bearing Zone 1:	28	Lithology:	OTHER
Water Bearing Zone 3:	89	Remark:	1641
Municipality:	NEW HANOVER		
Aquifer:	DIABASE DIKES AND SILLS		

E18
WNW
1/4 - 1/2 Mile
Lower

PA WELLS PASI30000080786

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 0425
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231DIBS
Topography:	HILLSIDE	Well depth:	95
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	Not Reported
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.3311111111	Depth to bedrock:	16
Longitude dd:	-75.5622222222	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	169229
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01/01/1968	Latest well:	170854
Source site:	2		
Latest owner:	168360		
Latest prod:	169342		
Site id:	PASI30000080786		

G19
WNW
1/4 - 1/2 Mile
Lower

PA WELLS SPAW0124171

Well ID:	5140N	County	MONTGOMERY
Owner's Name:	SHOFFSTALL WILLIAM	Longitude:	753348
Latitude:	401951	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	248	Casing1 Diameter(inches):	6
Casing 1:	45	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	5-92
Grouted:	Not Reported	Production WL:	248
Static Water Level:	6	Yield Measurement Method:	V
Yield (gpm):	8	Test Time:	0.5
Drawdown:	242	Driller:	1775
Bedrock:	35	Water Bearing Zone 2:	185
Water Bearing Zone 1:	94	Lithology:	SANDSTONE
Water Bearing Zone 3:	218	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

G20
WNW
1/4 - 1/2 Mile
Lower

PA WELLS PASI30000080739

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5140N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	248
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.3308333333	Depth to bedrock:	35
Longitude dd:	-75.5633333333	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	168702
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	05/01/1992	Latest well:	170329
Source site:	2		
Latest owner:	167833		
Latest prod:	168815		
Site id:	PASI30000080739		

**H21
NE
1/4 - 1/2 Mile
Higher**

PA WELLS PASI30000081081

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 0618
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231DIBS
Topography:	HILLSIDE	Well depth:	157
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	Not Reported
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3327777778		
Longitude dd:	-75.5525		
Well address:	Not Reported	Depth to bedrock:	16
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	169243
Date drilled:	01/01/1969	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	168374	Latest well:	170868
Latest prod:	169356		
Site id:	PASI30000081081		

**H22
NE
1/4 - 1/2 Mile
Higher**

PA WELLS SPAW0124712

Well ID:	X 0618	County	MONTGOMERY
Owner's Name:	MCELVOY WILLIAM	Longitude:	753309
Latitude:	401958	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	157	Casing1 Diameter(inches):	7
Casing 1:	22	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Not Reported	Date Drilled:	00-00-69
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:	16	Driller:	1014
Water Bearing Zone 1:	80	Water Bearing Zone 2:	115
Water Bearing Zone 3:	Not Reported	Lithology:	OTHER
Municipality:	NEW HANOVER	Remark:	1641
Aquifer:	DIABASE DIKES AND SILLS		

I23
ENE
1/4 - 1/2 Mile
Higher

PA WELLS SPAW0124446

Well ID:	5415N	County	MONTGOMERY
Owner's Name:	LAMBERT M	Longitude:	753302
Latitude:	401951	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	343	Casing1 Diameter(inches):	6
Casing 1:	60	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	4-88
Grouted:	Not Reported	Production WL:	90
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	8	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	512
Bedrock:	51	Water Bearing Zone 2:	320
Water Bearing Zone 1:	218	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE: BLUESTONE
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

I24
ENE
1/4 - 1/2 Mile
Higher

PA WELLS PASI30000080740

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5415N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	343
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.3308333333	Depth to bedrock:	51
Longitude dd:	-75.5505555556	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	168977
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	04/01/1988	Latest well:	170603
Source site:	2		
Latest owner:	168108		
Latest prod:	169090		
Site id:	PASI30000080740		

**G25
WNW
1/4 - 1/2 Mile
Lower**

FED USGS USGS2163287

Agency cd:	USGS	Site no:	401951075334901
Site name:	MG 1984	EDR Site id:	USGS2163287
Latitude:	401950.82	Dec lat:	40.33078333
Longitude:	0753348.72	Coor meth:	G
Dec lon:	-75.56353333	Latlong datum:	NAD83
Coor accr:	5	District:	42
Dec latlong datum:	NAD83	County:	091
State:	42	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	SASSAMANSVILLE		
Altitude:	358		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030818	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	110	Hole depth:	Not Reported
Source of depth data:	owner		
Project number:	2476OAN00		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	2003-08-18	Ground water data end date:	2003-08-18
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

2003-08-18	29.36	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

J26
NNE
1/4 - 1/2 Mile
Higher

PA WELLS PASI30000081430

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5402N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	508
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3344444444		
Longitude dd:	-75.5552777778		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	53
Bedrock not:	0	Saltwaterz:	0
Date drilled:	05/01/1986	Pagwis id:	168964
Source site:	2	Local permit:	Not Reported
Latest owner:	168095	Driller sc:	0
Latest prod:	169077	Latest well:	170590
Site id:	PASI30000081430		

J27
NNE
1/4 - 1/2 Mile
Higher

PA WELLS SPAW0124433

Well ID:	5402N	County	MONTGOMERY
Owner's Name:	HELLYER L	Longitude:	753319
Latitude:	402004	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	508	Casing1 Diameter(inches):	6
Casing 1:	60	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	5-86
Grouted:	Not Reported	Production WL:	50
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	2	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	512
Bedrock:	53	Water Bearing Zone 2:	488
Water Bearing Zone 1:	278	Lithology:	GRANITE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

J28
NNE
1/4 - 1/2 Mile
Higher

FED USGS USGS2163155

Agency cd:	USGS	Site no:	402005075331801
Site name:	MG 2032		
Latitude:	402005.44	EDR Site id:	USGS2163155
Longitude:	0753317.75	Dec lat:	40.33484444
Dec lon:	-75.55493056	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	42
State:	42	County:	091
Country:	US	Land net:	Not Reported
Location map:	SASSAMANSVILLE	Map scale:	24000
Altitude:	503		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill. Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	198605
Date inventoried:	20030912	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	DIABASE DIKES AND SILLS		
Well depth:	508	Hole depth:	Not Reported
Source of depth data:	driller		
Project number:	2476OAN00		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	2003-09-12	Ground water data end date:	2003-09-12
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

2003-09-12	26.50	

K29
WNW
1/4 - 1/2 Mile
Lower

FED USGS USGS2163308

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	401956075335201
Site name:	MG 2024		
Latitude:	401955.67	EDR Site id:	USGS2163308
Longitude:	0753352.48	Dec lat:	40.33213056
Dec lon:	-75.56457778	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	42
State:	42	County:	091
Country:	US	Land net:	Not Reported
Location map:	SASSAMANSVILLE	Map scale:	24000
Altitude:	371		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	199706
Date inventoried:	20030911	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	BRUNSWICK FORMATION		
Well depth:	122	Hole depth:	Not Reported
Source of depth data:	driller		
Project number:	2476OAN00		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	2003-09-11	Ground water data end date:	2003-09-11
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

2003-09-11	1.10	

**K30
WNW
1/4 - 1/2 Mile
Lower**

FED USGS USGS2163309

Agency cd:	USGS	Site no:	401956075335301
Site name:	MG 2111		
Latitude:	401956.4	EDR Site id:	USGS2163309
Longitude:	0753352.7	Dec lat:	40.33233333
Dec lon:	-75.56463889	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	42
State:	42	County:	091
Country:	US	Land net:	Not Reported
Location map:	SASSMANSVILLE	Map scale:	24000
Altitude:	370		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	1946
Date inventoried:	20040607	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	BRUNSWICK FORMATION		
Well depth:	120	Hole depth:	Not Reported
Source of depth data:	owner		
Project number:	2476AON00		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

L31
ENE
1/4 - 1/2 Mile
Higher

PA WELLS PASI30000080787

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	3089N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	FLAT SURFACE	Well depth:	98
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3311111111		
Longitude dd:	-75.5486111111		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	25
Bedrock not:	0	Saltwaterz:	0
Date drilled:	08/01/1985	Pagwis id:	168656
Source site:	2	Local permit:	Not Reported
Latest owner:	167787	Driller sc:	0
Latest prod:	168769	Latest well:	170283
Site id:	PASI30000080787		

L32
ENE
1/4 - 1/2 Mile
Higher

PA WELLS SPAW0124125

Well ID:	3089N	County	MONTGOMERY
Owner's Name:	KUNIEWIZZ J	Longitude:	753255
Latitude:	401952	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	FLAT SURFACE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	98	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:	8-85
Static Water Level:	16	Production WL:	Not Reported
Yield (gpm):	100	Yield Measurement Method:	E
Drawdown:	Not Reported	Test Time:	2
Bedrock:	25	Driller:	248
Water Bearing Zone 1:	55	Water Bearing Zone 2:	98
Water Bearing Zone 3:	Not Reported	Lithology:	SHALE
Municipality:	NEW HANOVER	Remark:	ROCK TYPE RED SH; CAS
Aquifer:	BRUNSWICK FORMATION		

M33
East
1/4 - 1/2 Mile
Higher

PA WELLS SPAW0124177

Well ID:	5146N	County	MONTGOMERY
Owner's Name:	231BRCK	Longitude:	753253
Latitude:	401943	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	223	Casing1 Diameter(inches):	6
Casing 1:	41	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	1-92
Grouted:	Not Reported	Production WL:	35
Static Water Level:	35	Yield Measurement Method:	V
Yield (gpm):	30	Test Time:	0.5
Drawdown:	Not Reported	Driller:	1775
Bedrock:	12	Water Bearing Zone 2:	165
Water Bearing Zone 1:	43	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE: BLUE TRAPROCK
Municipality:	NEW HANOVER		
Aquifer:	DIABASE DIKES AND SILLS		

M34
East
1/4 - 1/2 Mile
Higher

PA WELLS PASI30000080352

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5146N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231DIBS
Topography:	HILLSIDE	Well depth:	223
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.3286111111	Depth to bedrock:	12
Longitude dd:	-75.5480555556	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	168708
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01/01/1992	Latest well:	170335
Source site:	2		
Latest owner:	167839		
Latest prod:	168821		
Site id:	PASI30000080352		

**N35
NW
1/2 - 1 Mile
Lower**

PA WELLS PASI30000081367

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5217N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	147
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3341666667		
Longitude dd:	-75.5638888889		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	22
Bedrock not:	0	Saltwaterz:	0
Date drilled:	09/01/1987	Pagwis id:	168779
Source site:	2	Local permit:	Not Reported
Latest owner:	167910	Driller sc:	0
Latest prod:	168892	Latest well:	170406
Site id:	PASI30000081367		

**O36
ESE
1/2 - 1 Mile
Higher**

PA WELLS SPAW0124452

Well ID:	5421N	County	MONTGOMERY
Owner's Name:	NEW HANOVER	Longitude:	753252
Latitude:	401938	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	200	Casing1 Diameter(inches):	6
Casing 1:	40	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Not Reported	Date Drilled:	4-89
Static Water Level:	Not Reported	Production WL:	Not Reported
Yield (gpm):	18	Yield Measurement Method:	E
Drawdown:	Not Reported	Test Time:	Not Reported
Bedrock:	15	Driller:	1388
Water Bearing Zone 1:	Not Reported	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 3:	Not Reported	Lithology:	Not Reported
Municipality:	NEW HANOVER	Remark:	Not Reported
Aquifer:	BRUNSWICK FORMATION		

O37
ESE
1/2 - 1 Mile
Higher

PA WELLS PASI30000080100

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5421N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	200
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3272222222		
Longitude dd:	-75.5477777778		
Well address:	Not Reported	Depth to bedrock:	15
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	168983
Date drilled:	04/01/1989	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	168114	Latest well:	170609
Latest prod:	169096		
Site id:	PASI30000080100		

N38
NW
1/2 - 1 Mile
Lower

PA WELLS SPAW0124248

Well ID:	5217N	County	MONTGOMERY
Owner's Name:	S & M CONTRACTORS	Longitude:	753350
Latitude:	402003	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	147	Casing1 Diameter(inches):	6
Casing 1:	43	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Not Reported	Date Drilled:	9-87
Static Water Level:	19	Production WL:	147
Yield (gpm):	30	Yield Measurement Method:	V
Drawdown:	128	Test Time:	0.5
Bedrock:	22	Driller:	188
Water Bearing Zone 1:	60	Water Bearing Zone 2:	83
Water Bearing Zone 3:	108	Lithology:	OTHER
Municipality:	NEW HANOVER	Remark:	ROCK TYPE: TRAPROCK
Aquifer:	BRUNSWICK FORMATION		

P39
NNW
1/2 - 1 Mile
Higher

FED USGS USGS2163184

Agency cd:	USGS	Site no:	402011075334001
Site name:	MG 2029		
Latitude:	402010.75	EDR Site id:	USGS2163184
Longitude:	0753340.44	Dec lat:	40.33631944
Dec lon:	-75.56123333	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	42
State:	42	County:	091
Country:	US	Land net:	Not Reported
Location map:	SASSAMANSVILLE	Map scale:	24000
Altitude:	437		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030912	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	DIABASE DIKES AND SILLS		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	2476OAN00		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	2003-09-12	Ground water data end date:	2003-09-12
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

2003-09-12	33.51	

P40
NNW
1/2 - 1 Mile
Higher

PA WELLS SPAW0124675

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	X 0047	County	MONTGOMERY
Owner's Name:	DRESLIN TONY	Longitude:	753338
Latitude:	402013	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	85	Casing1 Diameter(inches):	6
Casing 1:	36	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-67
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	Not Reported
Yield (gpm):	3	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1014
Bedrock:	31	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	42	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	1641
Municipality:	NEW HANOVER		
Aquifer:	DIABASE DIKES AND SILLS		

**Q41
NNW
1/2 - 1 Mile
Higher**

PA WELLS PASI30000081886

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 0047
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231DIBS
Topography:	HILLSIDE	Well depth:	85
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	Not Reported
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3369444444		
Longitude dd:	-75.5605555556		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	31
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01/01/1967	Pagwis id:	169206
Source site:	2	Local permit:	Not Reported
Latest owner:	168337	Driller sc:	0
Latest prod:	169319	Latest well:	170831
Site id:	PASI30000081886		

**42
SW
1/2 - 1 Mile
Lower**

FED USGS USGS2163384

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	401926075335701
Site name:	MG 2039	EDR Site id:	USGS2163384
Latitude:	401926	Dec lat:	40.32388889
Longitude:	0753357	Coor meth:	M
Dec lon:	-75.56583333	Latlong datum:	NAD83
Coor accr:	S	District:	42
Dec latlong datum:	NAD83	County:	091
State:	42	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	SASSAMANSVILLE		
Altitude:	278		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	199611
Date inventoried:	20030917	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	BRUNSWICK FORMATION		
Well depth:	120	Hole depth:	Not Reported
Source of depth data:	owner		
Project number:	2476OAN00		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	2003-09-17	Ground water data end date:	2003-09-17
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

2003-09-17	1.35	

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

PA WELLS SPAW0124513

Well ID:	5482N	County:	MONTGOMERY
Owner's Name:	BROWNING-FERRIS	Longitude:	753323
Latitude:	401913	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	30	Casing1 Diameter(inches):	6
Casing 1:	6	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-88
Grouted:	Not Reported	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:	198
Bedrock:	9	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	27	Lithology:	SANDSTONE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

R44
South
1/2 - 1 Mile
Lower

PA WELLS SPAW0124514

Well ID:	5483N	County	MONTGOMERY
Owner's Name:	BROWNING-FERRIS	Longitude:	753322
Latitude:	401913	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	400	Casing1 Diameter(inches):	6
Casing 1:	150	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-88
Grouted:	Not Reported	Production WL:	380
Static Water Level:	10.5	Yield Measurement Method:	V
Yield (gpm):	150	Test Time:	0.5
Drawdown:	369.5	Driller:	198
Bedrock:	58	Water Bearing Zone 1:	52
Water Bearing Zone 1:	52	Water Bearing Zone 2:	66
Water Bearing Zone 3:	139	Lithology:	SANDSTONE
Municipality:	NEW HANOVER	Remark:	Not Reported
Aquifer:	BRUNSWICK FORMATION		

R45
South
1/2 - 1 Mile
Lower

PA WELLS PASI30000078953

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5482N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	30
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3202777778		
Longitude dd:	-75.5563888889		
Well address:	Not Reported	Depth to bedrock:	9
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	169044
Date drilled:	10/01/1988	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	168175	Latest well:	170670
Latest prod:	169157		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000078953

R46
South
1/2 - 1 Mile
Lower

PA WELLS PASI30000078954

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5483N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	400
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3202777778		
Longitude dd:	-75.5561111111		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	58
Bedrock not:	0	Saltwaterz:	0
Date drilled:	10/01/1988	Pagwis id:	169045
Source site:	2	Local permit:	Not Reported
Latest owner:	168176	Driller sc:	0
Latest prod:	169158	Latest well:	170671
Site id:	PASI30000078954		

R47
South
1/2 - 1 Mile
Lower

PA WELLS SPAW0124515

Well ID:	5484N	County	MONTGOMERY
Owner's Name:	BROWNING-FERRIS	Longitude:	753321
Latitude:	401913	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	400	Casing1 Diameter(inches):	6
Casing 1:	151	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-88
Grouted:	Not Reported	Production WL:	380
Static Water Level:	Not Reported	Yield Measurement Method:	V
Yield (gpm):	50	Test Time:	0.5
Drawdown:	380	Driller:	198
Bedrock:	41	Water Bearing Zone 2:	31
Water Bearing Zone 1:	17	Lithology:	SHALE
Water Bearing Zone 3:	126	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

R48
South
1/2 - 1 Mile
Lower

PA WELLS PASI30000078955

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5484N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	400
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3202777778		
Longitude dd:	-75.5558333333		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	41
Bedrock not:	0	Saltwaterz:	0
Date drilled:	10/01/1988	Pagwis id:	169046
Source site:	2	Local permit:	Not Reported
Latest owner:	168177	Driller sc:	0
Latest prod:	169159	Latest well:	170672
Site id:	PASI30000078955		

Q49
NNW
1/2 - 1 Mile
Higher

PA WELLS SPAW0124674

Well ID:	X 0046	County	MONTGOMERY
Owner's Name:	DRESLIN ANTON	Longitude:	753335
Latitude:	402015	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	BOYERTOWN	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	95	Casing1 Diameter(inches):	7
Casing 1:	30	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-67
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	Not Reported
Yield (gpm):	25	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1014
Bedrock:	26	Water Bearing Zone 2:	58
Water Bearing Zone 1:	39	Lithology:	OTHER
Water Bearing Zone 3:	74	Remark:	1640
Municipality:	NEW HANOVER		
Aquifer:	DIABASE DIKES AND SILLS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

Q50
NNW
1/2 - 1 Mile
Higher

PA WELLS PASI30000081981

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 0046
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231DIBS
Topography:	HILLSIDE	Well depth:	95
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	Not Reported
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	BOYERTOWN
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3375		
Longitude dd:	-75.5597222222		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	26
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01/01/1967	Pagwis id:	169205
Source site:	2	Local permit:	Not Reported
Latest owner:	168336	Driller sc:	0
Latest prod:	169318	Latest well:	170830
Site id:	PASI30000081981		

R51
South
1/2 - 1 Mile
Lower

PA WELLS SPAW0124516

Well ID:	5485N	County	MONTGOMERY
Owner's Name:	BROWNING-FERRIS	Longitude:	753324
Latitude:	401912	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	150	Casing1 Diameter(inches):	6
Casing 1:	52	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-88
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	V
Yield (gpm):	52	Test Time:	0.5
Drawdown:	Not Reported	Driller:	198
Bedrock:	29	Water Bearing Zone 2:	58
Water Bearing Zone 1:	24	Lithology:	SHALE
Water Bearing Zone 3:	143	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

R52
South
1/2 - 1 Mile
Lower

PA WELLS PASI30000078877

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5485N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	150
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.32		
Longitude dd:	-75.5566666667		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	29
Bedrock not:	0	Saltwaterz:	0
Date drilled:	10/01/1988	Pagwis id:	169047
Source site:	2	Local permit:	Not Reported
Latest owner:	168178	Driller sc:	0
Latest prod:	169160	Latest well:	170673
Site id:	PASI30000078877		

R53
South
1/2 - 1 Mile
Lower

PA WELLS SPAW0124517

Well ID:	5486N	County	MONTGOMERY
Owner's Name:	BROWNING-FERRIS	Longitude:	753323
Latitude:	401912	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	50	Casing1 Diameter(inches):	6
Casing 1:	7	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-88
Grouted:	Not Reported	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:	198
Bedrock:	48	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

R54
South
1/2 - 1 Mile
Lower

PA WELLS PASI30000078878

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5486N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	50
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.32		
Longitude dd:	-75.5563888889		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	48
Bedrock not:	0	Saltwaterz:	0
Date drilled:	10/01/1988	Pagwis id:	169048
Source site:	2	Local permit:	Not Reported
Latest owner:	168179	Driller sc:	0
Latest prod:	169161	Latest well:	170674
Site id:	PASI30000078878		

R55
South
1/2 - 1 Mile
Lower

PA WELLS PASI30000078879

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5487N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	50
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.32		
Longitude dd:	-75.5561111111		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	29
Bedrock not:	0	Saltwaterz:	0
Date drilled:	10/01/1988	Pagwis id:	169049
Source site:	2	Local permit:	Not Reported
Latest owner:	168180	Driller sc:	0
Latest prod:	169162	Latest well:	170675

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000078879

R56
South
1/2 - 1 Mile
Lower

PA WELLS SPAW0124518

Well ID:	5487N	County:	MONTGOMERY
Owner's Name:	BROWNING-FERRIS	Longitude:	753322
Latitude:	401912	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	50	Casing1 Diameter(inches):	6
Casing 1:	6	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-88
Grouted:	Not Reported	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:	198
Bedrock:	29	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	SANDSTONE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

R57
South
1/2 - 1 Mile
Lower

PA WELLS PASI30000078880

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5488N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	150
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.32		
Longitude dd:	-75.5558333333	Depth to bedrock:	29
Well address:	Not Reported	Saltwaterz:	0
Well zipcode:	Not Reported	Pagwis id:	169050
Bedrock not:	0	Local permit:	Not Reported
Date drilled:	10/01/1988	Driller sc:	0
Source site:	2	Latest well:	170676
Latest owner:	168181		
Latest prod:	169163		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000078880

R58
South
1/2 - 1 Mile
Lower

PA WELLS SPAW0124519

Well ID:	5488N	County	MONTGOMERY
Owner's Name:	BROWNING-FERRIS	Longitude:	753321
Latitude:	401912	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	150	Casing1 Diameter(inches):	6
Casing 1:	52	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-88
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	V
Yield (gpm):	45	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	198
Bedrock:	29	Water Bearing Zone 2:	117
Water Bearing Zone 1:	48	Lithology:	SANDSTONE
Water Bearing Zone 3:	134	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

S59
SSE
1/2 - 1 Mile
Lower

PA WELLS SPAW0124129

Well ID:	3093N	County	MONTGOMERY
Owner's Name:	MARINARI BROS	Longitude:	753310
Latitude:	401913	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	FLAT SURFACE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	INDUSTRIAL	Finish:	OPEN HOLE
Well Depth:	40	Casing1 Diameter(inches):	6
Casing 1:	21.08	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-84
Grouted:	Not Reported	Production WL:	40
Static Water Level:	13	Yield Measurement Method:	V
Yield (gpm):	1.5	Test Time:	0.5
Drawdown:	27	Driller:	188
Bedrock:	35	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	35	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	MONITOR WELL; RT=RED SH;
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

S60
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI30000078956

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	3093N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	FLAT SURFACE	Well depth:	40
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3202777778		
Longitude dd:	-75.5527777778		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	35
Bedrock not:	0	Saltwaterz:	0
Date drilled:	10/01/1984	Pagwis id:	168660
Source site:	2	Local permit:	Not Reported
Latest owner:	167791	Driller sc:	0
Latest prod:	168773	Latest well:	170287
Site id:	PASI30000078956		

**T61
ESE
1/2 - 1 Mile
Higher**

PA WELLS SPAW0124425

Well ID:	5394N	County	MONTGOMERY
Owner's Name:	PRISM CONSTRUCTION	Longitude:	753248
Latitude:	401927	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	500	Casing1 Diameter(inches):	6
Casing 1:	50	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	8-86
Grouted:	Not Reported	Production WL:	22
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	0.5	Test Time:	0.25
Drawdown:	Not Reported	Driller:	121
Bedrock:	42	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	GRANITE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

**S62
SSE
1/2 - 1 Mile
Lower**

PA WELLS SPAW0124133

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	3097N	County	MONTGOMERY
Owner's Name:	MARINARI BROS	Longitude:	753309
Latitude:	401913	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	INDUSTRIAL	Finish:	OPEN HOLE
Well Depth:	147	Casing1 Diameter(inches):	6
Casing 1:	42.17	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-84
Grouted:	Not Reported	Production WL:	147
Static Water Level:	12	Yield Measurement Method:	Not Reported
Yield (gpm):	40	Test Time:	0.5
Drawdown:	135	Driller:	188
Bedrock:	21	Water Bearing Zone 2:	65
Water Bearing Zone 1:	50	Lithology:	SHALE
Water Bearing Zone 3:	142	Remark:	MONITOR WELL; RT=RED SH;
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

**T63
ESE
1/2 - 1 Mile
Higher**

PA WELLS PASI30000079574

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5394N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
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:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3241666667		
Longitude dd:	-75.5466666667		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	42
Bedrock not:	0	Saltwaterz:	0
Date drilled:	08/01/1986	Pagwis id:	168956
Source site:	2	Local permit:	Not Reported
Latest owner:	168087	Driller sc:	0
Latest prod:	169069	Latest well:	170582
Site id:	PASI30000079574		

**S64
SSE
1/2 - 1 Mile
Lower**

PA WELLS PASI30000078957

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	3097N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	147
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3202777778		
Longitude dd:	-75.5525		
Well address:	Not Reported	Depth to bedrock:	21
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	168664
Date drilled:	10/01/1984	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	167795	Latest well:	170291
Latest prod:	168777		
Site id:	PASI30000078957		

S65
SSE
1/2 - 1 Mile
Lower

PA WELLS SPAW0124128

Well ID:	3092N	County	MONTGOMERY
Owner's Name:	MARINARI BROS	Longitude:	753310
Latitude:	401912	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	FLAT SURFACE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	INDUSTRIAL	Finish:	OPEN HOLE
Well Depth:	50	Casing1 Diameter(inches):	6
Casing 1:	24.08	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-84
Grouted:	Not Reported	Production WL:	50
Static Water Level:	46	Yield Measurement Method:	V
Yield (gpm):	1	Test Time:	0.5
Drawdown:	4	Driller:	188
Bedrock:	15	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	46	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	RT=RED SH;CAS
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

S66
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI30000078881

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	3092N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	FLAT SURFACE	Well depth:	50
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.32		
Longitude dd:	-75.5527777778		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	15
Bedrock not:	0	Saltwaterz:	0
Date drilled:	10/01/1984	Pagwis id:	168659
Source site:	2	Local permit:	Not Reported
Latest owner:	167790	Driller sc:	0
Latest prod:	168772	Latest well:	170286
Site id:	PASI30000078881		

S67
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI30000078823

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5372N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	15
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3197222222		
Longitude dd:	-75.5536111111		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	4
Bedrock not:	0	Saltwaterz:	0
Date drilled:	03/01/1989	Pagwis id:	168934
Source site:	2	Local permit:	Not Reported
Latest owner:	168065	Driller sc:	0
Latest prod:	169047	Latest well:	170560

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000078823

S68
SSE
1/2 - 1 Mile
Lower

PA WELLS SPAW0124134

Well ID:	3098N	County:	MONTGOMERY
Owner's Name:	MARINARI BROS	Longitude:	753309
Latitude:	401912	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	INDUSTRIAL	Finish:	OPEN HOLE
Well Depth:	30	Casing1 Diameter(inches):	6
Casing 1:	21.08	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-84
Grouted:	Not Reported	Production WL:	30
Static Water Level:	9	Yield Measurement Method:	V
Yield (gpm):	1.5	Test Time:	0.5
Drawdown:	21	Driller:	188
Bedrock:	21	Water Bearing Zone 2:	25
Water Bearing Zone 1:	20	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	MONITOR WELL; RT=GRAY SH;
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

S69
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI30000078882

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	3098N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	30
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.32		
Longitude dd:	-75.5525		
Well address:	Not Reported	Depth to bedrock:	21
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	168665
Date drilled:	10/01/1984	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	167796	Latest well:	170292
Latest prod:	168778		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000078882

S70
SSE
1/2 - 1 Mile
Lower

PA WELLS SPAW0124403

Well ID:	5372N	County:	MONTGOMERY
Owner's Name:	TRIEGEL ASSOCIATES	Longitude:	753313
Latitude:	401911	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	15	Casing1 Diameter(inches):	6
Casing 1:	5	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	3-89
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	9	Yield Measurement Method:	V
Yield (gpm):	Not Reported	Test Time:	0.5
Drawdown:	Not Reported	Driller:	188
Bedrock:	4	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	9	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

U71
SE
1/2 - 1 Mile
Higher

PA WELLS SPAW0124144

Well ID:	3108N	County:	MONTGOMERY
Owner's Name:	MOORE D	Longitude:	753252
Latitude:	401921	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	FLAT SURFACE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	300	Casing1 Diameter(inches):	6
Casing 1:	22	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	6-84
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	V
Yield (gpm):	3	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1388
Bedrock:	4	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE RED + BLUE ROCK
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

U72
SE
1/2 - 1 Mile
Higher

PA WELLS PASI30000079327

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	3108N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	FLAT SURFACE	Well depth:	300
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3225		
Longitude dd:	-75.5477777778		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	4
Bedrock not:	0	Saltwaterz:	0
Date drilled:	06/01/1984	Pagwis id:	168675
Source site:	2	Local permit:	Not Reported
Latest owner:	167806	Driller sc:	0
Latest prod:	168788	Latest well:	170302
Site id:	PASI30000079327		

S73
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI30000078824

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5371N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	15
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3197222222		
Longitude dd:	-75.5533333333		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	3
Bedrock not:	0	Saltwaterz:	0
Date drilled:	03/01/1989	Pagwis id:	168933
Source site:	2	Local permit:	Not Reported
Latest owner:	168064	Driller sc:	0
Latest prod:	169046	Latest well:	170559

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000078824

S74
SSE
1/2 - 1 Mile
Lower

PA WELLS SPAW0124402

Well ID:	5371N	County:	MONTGOMERY
Owner's Name:	TRIEGEL ASSOCIATES	Longitude:	753312
Latitude:	401911	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	15	Casing1 Diameter(inches):	6
Casing 1:	4	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	3-89
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	V
Yield (gpm):	Not Reported	Test Time:	0.5
Drawdown:	Not Reported	Driller:	188
Bedrock:	3	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

U75
SE
1/2 - 1 Mile
Higher

PA WELLS SPAW0124415

Well ID:	5384N	County:	MONTGOMERY
Owner's Name:	PAUL'S HOME SALES	Longitude:	753254
Latitude:	401919	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	150	Casing1 Diameter(inches):	6
Casing 1:	34	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	4-86
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	24	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1388
Bedrock:	6	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	Not Reported
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

U76
SE
1/2 - 1 Mile
Higher

PA WELLS PASI30000079242

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5384N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	150
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3219444444		
Longitude dd:	-75.5483333333		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	6
Bedrock not:	0	Saltwaterz:	0
Date drilled:	04/01/1986	Pagwis id:	168946
Source site:	2	Local permit:	Not Reported
Latest owner:	168077	Driller sc:	0
Latest prod:	169059	Latest well:	170572
Site id:	PASI30000079242		

S77
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI30000078825

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5365N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	10
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3197222222		
Longitude dd:	-75.5530555556		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	5
Bedrock not:	0	Saltwaterz:	0
Date drilled:	03/01/1989	Pagwis id:	168927
Source site:	2	Local permit:	Not Reported
Latest owner:	168058	Driller sc:	0
Latest prod:	169040	Latest well:	170553

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000078825

S78
SSE
1/2 - 1 Mile
Lower

PA WELLS SPAW0124396

Well ID:	5365N	County:	MONTGOMERY
Owner's Name:	TRIEGEL ASSOCIATES	Longitude:	753311
Latitude:	401911	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	10	Casing1 Diameter(inches):	6
Casing 1:	5	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	3-89
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	9	Yield Measurement Method:	V
Yield (gpm):	Not Reported	Test Time:	0.5
Drawdown:	Not Reported	Driller:	188
Bedrock:	5	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	10	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

S79
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI30000078826

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	3094N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	40
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3197222222		
Longitude dd:	-75.5527777778		
Well address:	Not Reported	Depth to bedrock:	21
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	168661
Date drilled:	10/01/1984	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	167792	Latest well:	170288
Latest prod:	168774		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000078826

S80
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI30000078827

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5368N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	15
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3197222222		
Longitude dd:	-75.5527777778		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	3
Bedrock not:	0	Saltwaterz:	0
Date drilled:	03/01/1989	Pagwis id:	168930
Source site:	2	Local permit:	Not Reported
Latest owner:	168061	Driller sc:	0
Latest prod:	169043	Latest well:	170556
Site id:	PASI30000078827		

S81
SSE
1/2 - 1 Mile
Lower

PA WELLS SPAW0124130

Well ID:	3094N	County	MONTGOMERY
Owner's Name:	MARINARI BROS	Longitude:	753310
Latitude:	401911	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	INDUSTRIAL	Finish:	OPEN HOLE
Well Depth:	40	Casing1 Diameter(inches):	6
Casing 1:	21.08	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-84
Grouted:	Not Reported	Production WL:	40
Static Water Level:	35	Yield Measurement Method:	V
Yield (gpm):	1	Test Time:	0.5
Drawdown:	5	Driller:	188
Bedrock:	21	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	16	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	MONITOR WELL; RT=RED SH;
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

S82
SSE
 1/2 - 1 Mile
 Lower

PA WELLS SPAW0124399

Well ID:	5368N	County	MONTGOMERY
Owner's Name:	TRIEGEL ASSOCIATES	Longitude:	753310
Latitude:	401911	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	15	Casing1 Diameter(inches):	6
Casing 1:	4	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	3-89
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	4	Yield Measurement Method:	Not Reported
Yield (gpm):	Not Reported	Test Time:	0.5
Drawdown:	Not Reported	Driller:	188
Bedrock:	3	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

V83
SSE
 1/2 - 1 Mile
 Lower

PA WELLS PASI30000078778

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5374N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	15
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3194444444		
Longitude dd:	-75.5536111111		
Well address:	Not Reported		
Well zipcode:	Not Reported		
Bedrock not:	0	Depth to bedrock:	11
Date drilled:	03/01/1989	Saltwaterz:	0
Source site:	2	Pagwis id:	168936
Latest owner:	168067	Local permit:	Not Reported
Latest prod:	169049	Driller sc:	0
		Latest well:	170562

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000078778

S84
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI30000078828

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	3096N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	FLAT SURFACE	Well depth:	40
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3197222222		
Longitude dd:	-75.5525		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	15
Bedrock not:	0	Saltwaterz:	0
Date drilled:	10/01/1984	Pagwis id:	168663
Source site:	2	Local permit:	Not Reported
Latest owner:	167794	Driller sc:	0
Latest prod:	168776	Latest well:	170290
Site id:	PASI30000078828		

S85
SSE
1/2 - 1 Mile
Lower

PA WELLS SPAW0124132

Well ID:	3096N	County	MONTGOMERY
Owner's Name:	MARINARI BROS	Longitude:	753309
Latitude:	401911	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	FLAT SURFACE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	INDUSTRIAL	Finish:	OPEN HOLE
Well Depth:	40	Casing1 Diameter(inches):	6
Casing 1:	21.08	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-84
Grouted:	Not Reported	Production WL:	40
Static Water Level:	21	Yield Measurement Method:	V
Yield (gpm):	0.25	Test Time:	0.5
Drawdown:	19	Driller:	188
Bedrock:	15	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	16	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	MONITOR WELL; RT=RED SH;
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

V86
SSE
1/2 - 1 Mile
Lower

PA WELLS SPAW0124405

Well ID:	5374N	County:	MONTGOMERY
Owner's Name:	TRIEGEL ASSOCIATES	Longitude:	753313
Latitude:	401910	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	15	Casing1 Diameter(inches):	6
Casing 1:	5	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	3-89
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	V
Yield (gpm):	Not Reported	Test Time:	0.5
Drawdown:	Not Reported	Driller:	188
Bedrock:	11	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

S87
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI30000078779

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5373N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	30
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3194444444		
Longitude dd:	-75.5533333333		
Well address:	Not Reported	Depth to bedrock:	6
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	168935
Date drilled:	03/01/1989	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	168066	Latest well:	170561
Latest prod:	169048		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000078779

S88
SSE
1/2 - 1 Mile
Lower

PA WELLS SPAW0124404

Well ID:	5373N	County:	MONTGOMERY
Owner's Name:	TRIEGEL ASSOCIATES	Longitude:	753312
Latitude:	401910	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	30	Casing1 Diameter(inches):	6
Casing 1:	5	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	3-89
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	9	Yield Measurement Method:	V
Yield (gpm):	Not Reported	Test Time:	0.5
Drawdown:	Not Reported	Driller:	188
Bedrock:	6	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	26	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

S89
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI30000078780

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	3095N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	40
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3194444444		
Longitude dd:	-75.5530555556		
Well address:	Not Reported	Depth to bedrock:	20
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	168662
Date drilled:	10/01/1984	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	167793	Latest well:	170289
Latest prod:	168775		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000078780

S90
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI30000078781

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5366N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	30
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3194444444		
Longitude dd:	-75.5530555556		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	4
Bedrock not:	0	Saltwaterz:	0
Date drilled:	03/01/1989	Pagwis id:	168928
Source site:	2	Local permit:	Not Reported
Latest owner:	168059	Driller sc:	0
Latest prod:	169041	Latest well:	170554
Site id:	PASI30000078781		

S91
SSE
1/2 - 1 Mile
Lower

PA WELLS SPAW0124131

Well ID:	3095N	County	MONTGOMERY
Owner's Name:	MARINARI BROS	Longitude:	753311
Latitude:	401910	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	INDUSTRIAL	Finish:	OPEN HOLE
Well Depth:	40	Casing1 Diameter(inches):	6
Casing 1:	21.08	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-84
Grouted:	Not Reported	Production WL:	40
Static Water Level:	12	Yield Measurement Method:	V
Yield (gpm):	0.25	Test Time:	0.5
Drawdown:	28	Driller:	188
Bedrock:	20	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	21	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	MONITOR WELL; RT=GRAY SH;
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

S92
SSE
1/2 - 1 Mile
Lower

PA WELLS SPAW0124397

Well ID:	5366N	County:	MONTGOMERY
Owner's Name:	TRIEGEL ASSOCIATES	Longitude:	753311
Latitude:	401910	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	30	Casing1 Diameter(inches):	6
Casing 1:	5	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	3-89
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	7	Yield Measurement Method:	V
Yield (gpm):	Not Reported	Test Time:	0.5
Drawdown:	Not Reported	Driller:	188
Bedrock:	4	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	26	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

S93
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI30000078782

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	3091N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLTOP	Well depth:	30
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3194444444		
Longitude dd:	-75.5527777778		
Well address:	Not Reported	Depth to bedrock:	6
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	168658
Date drilled:	10/01/1984	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	167789	Latest well:	170285
Latest prod:	168771		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000078782

S94
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI30000078783

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5369N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	15
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3194444444		
Longitude dd:	-75.5527777778		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	8
Bedrock not:	0	Saltwaterz:	0
Date drilled:	03/01/1989	Pagwis id:	168931
Source site:	2	Local permit:	Not Reported
Latest owner:	168062	Driller sc:	0
Latest prod:	169044	Latest well:	170557
Site id:	PASI30000078783		

S95
SSE
1/2 - 1 Mile
Lower

PA WELLS SPAW0124127

Well ID:	3091N	County	MONTGOMERY
Owner's Name:	MARINARI BROS	Longitude:	753310
Latitude:	401910	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLTOP
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	INDUSTRIAL	Finish:	OPEN HOLE
Well Depth:	30	Casing1 Diameter(inches):	6
Casing 1:	21.08	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-84
Grouted:	Not Reported	Production WL:	30
Static Water Level:	Not Reported	Yield Measurement Method:	V
Yield (gpm):	Not Reported	Test Time:	0.5
Drawdown:	30	Driller:	188
Bedrock:	6	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	MONITOR WELL; RT=RED SH;
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

S96
SSE
1/2 - 1 Mile
Lower

PA WELLS SPAW0124400

Well ID:	5369N	County	MONTGOMERY
Owner's Name:	TRIEGEL ASSOCIATES	Longitude:	753310
Latitude:	401910	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	15	Casing1 Diameter(inches):	6
Casing 1:	4	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	3-89
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	V
Yield (gpm):	Not Reported	Test Time:	0.5
Drawdown:	Not Reported	Driller:	188
Bedrock:	8	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

W97
East
1/2 - 1 Mile
Lower

PA WELLS SPAW0124499

Well ID:	5468N	County	MONTGOMERY
Owner's Name:	HARING MARGARET	Longitude:	753239
Latitude:	401938	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	280	Casing1 Diameter(inches):	6
Casing 1:	30	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	12-90
Grouted:	Not Reported	Production WL:	270
Static Water Level:	6	Yield Measurement Method:	E
Yield (gpm):	3	Test Time:	1
Drawdown:	264	Driller:	380
Bedrock:	14	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	220	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE: TRAPROCK
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

W98
East
1/2 - 1 Mile
Lower

PA WELLS PASI30000080101

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5468N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	280
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3272222222		
Longitude dd:	-75.5441666667		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	14
Bedrock not:	0	Saltwaterz:	0
Date drilled:	12/01/1990	Pagwis id:	169030
Source site:	2	Local permit:	Not Reported
Latest owner:	168161	Driller sc:	0
Latest prod:	169143	Latest well:	170656
Site id:	PASI30000080101		

V99
SSE
1/2 - 1 Mile
Lower

PA WELLS SPAW0124398

Well ID:	5367N	County	MONTGOMERY
Owner's Name:	TRIEGEL ASSOCIATES	Longitude:	753311
Latitude:	401909	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	15	Casing1 Diameter(inches):	6
Casing 1:	5	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	3-89
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	V
Yield (gpm):	Not Reported	Test Time:	0.5
Drawdown:	Not Reported	Driller:	188
Bedrock:	3	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	14	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

V100
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI30000078728

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5367N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	15
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3191666667		
Longitude dd:	-75.5530555556		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	3
Bedrock not:	0	Saltwaterz:	0
Date drilled:	03/01/1989	Pagwis id:	168929
Source site:	2	Local permit:	Not Reported
Latest owner:	168060	Driller sc:	0
Latest prod:	169042	Latest well:	170555
Site id:	PASI30000078728		

**X101
North
1/2 - 1 Mile
Higher**

FED USGS USGS2163215

Agency cd:	USGS	Site no:	402021075333101
Site name:	MG 2025		
Latitude:	402020.97	EDR Site id:	USGS2163215
Longitude:	0753331.10	Dec lat:	40.33915833
Dec lon:	-75.55863889	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	42
State:	42	County:	091
Country:	US	Land net:	Not Reported
Location map:	SASSAMANSVILLE	Map scale:	24000
Altitude:	474		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030911	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	DIABASE DIKES AND SILLS		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	2476OAN00		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 0000-00-00
 Ground water data begin date: 2003-09-11
 Ground water data count: 1

Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 2003-09-11

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
2003-09-11	21.10	

V102
SSE
1/2 - 1 Mile
Lower

PA WELLS SPAW0124126

Well ID:	3090N	County	MONTGOMERY
Owner's Name:	MARINARI BROS	Longitude:	753310
Latitude:	401909	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLTOP
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	INDUSTRIAL	Finish:	OPEN HOLE
Well Depth:	150	Casing1 Diameter(inches):	6
Casing 1:	42.08	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-84
Grouted:	Not Reported	Production WL:	150
Static Water Level:	17	Yield Measurement Method:	V
Yield (gpm):	15	Test Time:	0.5
Drawdown:	133	Driller:	188
Bedrock:	7	Water Bearing Zone 2:	82
Water Bearing Zone 1:	65	Lithology:	SHALE
Water Bearing Zone 3:	109	Remark:	MONITORING WELL; ROCK TYPE
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

V103
SSE
1/2 - 1 Mile
Lower

PA WELLS SPAW0124147

Well ID:	3111N	County	MONTGOMERY
Owner's Name:	LOEPER+HILBERT	Longitude:	753310
Latitude:	401909	Lat/Long Accuracy:	ACCURATE TO +10 SECONDS
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	150	Casing1 Diameter(inches):	6
Casing 1:	24	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	2-80
Grouted:	Not Reported	Production WL:	22
Static Water Level:	12	Yield Measurement Method:	V
Yield (gpm):	32	Test Time:	0.75
Drawdown:	10	Driller:	380
Bedrock:	8	Water Bearing Zone 2:	96
Water Bearing Zone 1:	38	Lithology:	SHALE
Water Bearing Zone 3:	140	Remark:	ROCK TYPE RED SH
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

V104
SSE
1/2 - 1 Mile
Lower

PA WELLS SPAW0124401

Well ID:	5370N	County:	MONTGOMERY
Owner's Name:	TRIEGEL ASSOCIATES	Longitude:	753310
Latitude:	401909	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	15	Casing1 Diameter(inches):	6
Casing 1:	5	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	3-89
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	V
Yield (gpm):	Not Reported	Test Time:	0.5
Drawdown:	Not Reported	Driller:	188
Bedrock:	4	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

V105
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI30000078729

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	3090N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLTOP	Well depth:	150
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3191666667		
Longitude dd:	-75.5527777778		
Well address:	Not Reported		
Well zipcode:	Not Reported		
Bedrock not:	0	Depth to bedrock:	7
Date drilled:	10/01/1984	Saltwaterz:	0
Source site:	2	Pagwis id:	168657
Latest owner:	167788	Local permit:	Not Reported
Latest prod:	168770	Driller sc:	0
		Latest well:	170284

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000078729

V106
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI30000078730

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	3111N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	150
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +10 SECONDS	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3191666667		
Longitude dd:	-75.5527777778		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	8
Bedrock not:	0	Saltwaterz:	0
Date drilled:	02/01/1980	Pagwis id:	168678
Source site:	2	Local permit:	Not Reported
Latest owner:	167809	Driller sc:	0
Latest prod:	168791	Latest well:	170305
Site id:	PASI30000078730		

V107
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI30000078731

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5370N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	15
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3191666667		
Longitude dd:	-75.5527777778		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	4
Bedrock not:	0	Saltwaterz:	0
Date drilled:	03/01/1989	Pagwis id:	168932
Source site:	2	Local permit:	Not Reported
Latest owner:	168063	Driller sc:	0
Latest prod:	169045	Latest well:	170558

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000078731

**Y108
NNE
1/2 - 1 Mile
Higher**

PA WELLS PASI30000082029

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	3124N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	FLAT SURFACE	Well depth:	160
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +10 SECONDS	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.337777778		
Longitude dd:	-75.550277778		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	8
Bedrock not:	0	Saltwaterz:	0
Date drilled:	08/01/1979	Pagwis id:	168691
Source site:	2	Local permit:	Not Reported
Latest owner:	167822	Driller sc:	0
Latest prod:	168804	Latest well:	170318
Site id:	PASI30000082029		

**Y109
NNE
1/2 - 1 Mile
Higher**

PA WELLS SPAW0124160

Well ID:	3124N	County	MONTGOMERY
Owner's Name:	ROCCO + DAMICO	Longitude:	753301
Latitude:	402016	Lat/Long Accuracy:	ACCURATE TO +10 SECONDS
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	FLAT SURFACE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	160	Casing1 Diameter(inches):	6
Casing 1:	30	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	8-79
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	V
Yield (gpm):	8	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1388
Bedrock:	8	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE BLUE ROCK
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

110
SW
1/2 - 1 Mile
Lower

FED USGS USGS2163354

Agency cd:	USGS	Site no:	401917075335801
Site name:	MG 2040	EDR Site id:	USGS2163354
Latitude:	401917.49	Dec lat:	40.321525
Longitude:	0753358.32	Coor meth:	G
Dec lon:	-75.5662	Latlong datum:	NAD83
Coor accr:	5	District:	42
Dec latlong datum:	NAD83	County:	091
State:	42	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	SASSAMANSVILLE		
Altitude:	270		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill. Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	19850421
Date inventoried:	20030917	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	BRUNSWICK FORMATION		
Well depth:	147	Hole depth:	Not Reported
Source of depth data:	driller		
Project number:	2476OAN00		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	2003-09-17	Ground water data end date:	2003-09-17
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

2003-09-17 3.48

X111
North
1/2 - 1 Mile
Higher

FED USGS USGS2163221

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	402022075333001
Site name:	MG 2026		
Latitude:	402022	EDR Site id:	USGS2163221
Longitude:	0753330	Dec lat:	40.33944444
Dec lon:	-75.55833333	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	42
State:	42	County:	091
Country:	US	Land net:	Not Reported
Location map:	SASSAMANSVILLE	Map scale:	24000
Altitude:	484		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	1970
Date inventoried:	20030911	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	DIABASE DIKES AND SILLS		
Well depth:	325	Hole depth:	Not Reported
Source of depth data:	owner		
Project number:	2476OAN00		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	2003-09-11	Ground water data end date:	2004-05-04
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2004-05-04	37.60		2003-09-11	24.01	

**Z112
NW
1/2 - 1 Mile
Higher**

PA WELLS PASI30000081810

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	3633N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	172
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040202
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	DOUGLASS TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.3363888889	Depth to bedrock:	52
Longitude dd:	-75.5669444444	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	165138
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	08/01/1987	Latest well:	166863
Source site:	2		
Latest owner:	164274		
Latest prod:	165293		
Site id:	PASI30000081810		

**Z113
NW
1/2 - 1 Mile
Higher**

PA WELLS SPAW0120606

Well ID:	3633N	County	MONTGOMERY
Owner's Name:	WELLER GARY	Longitude:	753401
Latitude:	402011	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040202	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	172	Casing1 Diameter(inches):	6
Casing 1:	61	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	8-87
Grouted:	Not Reported	Production WL:	172
Static Water Level:	30	Yield Measurement Method:	V
Yield (gpm):	10	Test Time:	0.5
Drawdown:	142	Driller:	188
Bedrock:	52	Water Bearing Zone 2:	114
Water Bearing Zone 1:	64	Lithology:	SHALE
Water Bearing Zone 3:	126	Remark:	Not Reported
Municipality:	DOUGLASS		
Aquifer:	BRUNSWICK FORMATION		

**Z114
NW
1/2 - 1 Mile
Lower**

FRDS PWS PA1460393

Pwsid:	PA1460393	Epa region:	03
State:	PA	County:	Montgomery
Pws name:	SASSAMANSVILLE FIRE CO	Pwssvconn:	1
Population Served:	40		
PWS Source:	Groundwater	Owner type:	Public/Private
Pws type:	TNCWS		
Status:	Active	Treatment process:	ultraviolet radiation
Facility id:	001		
Facility name:	WELL # 1		
Facility type:	Well		
Treatment objective:	disinfection		
Contact name:	ART WELCH	Contact address1:	PO BOX 255
Original name:	SASSAMANSVILLE FIRE CO		
Contact phone:	610-754-7500		
Contact address2:	Not Reported		
Contact city:	SASSAMANSVILLE		
Contact zip:	19472		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	PA1460393	Epa region:	03
State:	PA	County:	Montgomery
Pws name:	SASSAMANSVILLE FIRE CO		
Population Served:	40	Pwssvconn:	1
PWS Source:	Groundwater		
Pws type:	TNCWS		
Status:	Active	Owner type:	Public/Private
Facility id:	101		
Facility name:	WELL # 1		
Facility type:	Sampling_station	Treatment process:	ultraviolet radiation
Treatment objective:	disinfection		
Contact name:	ART WELCH		
Original name:	SASSAMANSVILLE FIRE CO		
Contact phone:	610-754-7500	Contact address1:	PO BOX 255
Contact address2:	Not Reported		
Contact city:	SASSAMANSVILLE		
Contact zip:	19472		

Pwsid:	PA1460393	Epa region:	03
State:	PA	County:	Montgomery
Pws name:	SASSAMANSVILLE FIRE CO		
Population Served:	40	Pwssvconn:	1
PWS Source:	Groundwater		
Pws type:	TNCWS		
Status:	Active	Owner type:	Public/Private
Facility id:	301		
Facility name:	WELL # 1		
Facility type:	Treatment_plant	Treatment process:	ultraviolet radiation
Treatment objective:	disinfection		
Contact name:	ART WELCH		
Original name:	SASSAMANSVILLE FIRE CO		
Contact phone:	610-754-7500	Contact address1:	PO BOX 255
Contact address2:	Not Reported		
Contact city:	SASSAMANSVILLE		
Contact zip:	19472		

PWS ID: PA1460393
 Date Initiated: Not Reported Date Deactivated: Not Reported
 PWS Name: SASSAMANSVILLE FIRE CO
 HOFFMANSVILLE RD
 SASSAMANSVILLE, PA 19525

Addressee / Facility: Mailing
 SASSAMANSVILLE FIRE CO
 HOFFMANSVILLE RD
 SASSAMANSVILLE, PA 19525

Facility Latitude:	40 20 11	Facility Longitude:	075 34 03
City Served:	Not Reported		
Treatment Class:	Untreated	Population:	00000125

Violations information not reported.

ENFORCEMENT INFORMATION:

Truedate:	03/31/2009	Pwsid:	PA1460393
Pwsname:	SASSAMANSVILLE FIRE CO		
Retpopsrvd:	40	Pwstypecod:	NC
Void:	0126940	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Complperbe:	1/1/2001 0:00:00		
Complperen:	3/31/2001 0:00:00	Enfdate:	6/18/2001 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: PA1460393
 Pwsname: SASSAMANSVILLE FIRE CO
 Retpopsrvd: 40 Pwstypecod: NC
 Vioid: 0126940 Contaminant: COLIFORM (TCR)
 Viol. Type: Monitoring, Routine Major (TCR)
 Complperbe: 1/1/2001 0:00:00
 Complperen: 3/31/2001 0:00:00 Enfdate: 5/5/2001 0:00:00
 Enf action: State Violation/Reminder Notice
 Violmeasur: 0

Truedate: 03/31/2009 Pwsid: PA1460393
 Pwsname: SASSAMANSVILLE FIRE CO
 Retpopsrvd: 40 Pwstypecod: NC
 Vioid: 0126940 Contaminant: COLIFORM (TCR)
 Viol. Type: Monitoring, Routine Major (TCR)
 Complperbe: 1/1/2001 0:00:00
 Complperen: 3/31/2001 0:00:00 Enfdate: 6/5/2001 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: 0

Truedate: 03/31/2009 Pwsid: PA1460393
 Pwsname: SASSAMANSVILLE FIRE CO
 Retpopsrvd: 40 Pwstypecod: NC
 Vioid: 0126940 Contaminant: COLIFORM (TCR)
 Viol. Type: Monitoring, Routine Major (TCR)
 Complperbe: 1/1/2001 0:00:00
 Complperen: 3/31/2001 0:00:00 Enfdate: 6/5/2001 0:00:00
 Enf action: State Public Notif Requested
 Violmeasur: 0

Truedate: 03/31/2009 Pwsid: PA1460393
 Pwsname: SASSAMANSVILLE FIRE CO
 Retpopsrvd: 40 Pwstypecod: NC
 Vioid: 0202703 Contaminant: NITRATE
 Viol. Type: 3
 Complperbe: 1/1/2001 0:00:00
 Complperen: 12/31/2001 0:00:00 Enfdate: 2/7/2002 0:00:00
 Enf action: State Public Notif Requested
 Violmeasur: 0

Truedate: 03/31/2009 Pwsid: PA1460393
 Pwsname: SASSAMANSVILLE FIRE CO
 Retpopsrvd: 40 Pwstypecod: NC
 Vioid: 0202703 Contaminant: NITRATE
 Viol. Type: 3
 Complperbe: 1/1/2001 0:00:00
 Complperen: 12/31/2001 0:00:00 Enfdate: 2/7/2002 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: 0

Truedate: 03/31/2009 Pwsid: PA1460393
 Pwsname: SASSAMANSVILLE FIRE CO
 Retpopsrvd: 40 Pwstypecod: NC
 Vioid: 0202703 Contaminant: NITRATE
 Viol. Type: 3
 Complperbe: 1/1/2001 0:00:00
 Complperen: 12/31/2001 0:00:00 Enfdate: 3/20/2002 0:00:00
 Enf action: State Compliance Achieved
 Violmeasur: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	PA1460393
Pwsname:	SASSAMANSVILLE FIRE CO		
Retpopsrvd:	40	Pwstypecod:	NC
Vooid:	0202704	Contaminant:	NITRITE
Viol. Type:	3		
Complperbe:	1/1/2001 0:00:00		
Complperen:	12/31/2001 0:00:00	Enfdate:	2/7/2002 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	0		
Truedate:	03/31/2009	Pwsid:	PA1460393
Pwsname:	SASSAMANSVILLE FIRE CO		
Retpopsrvd:	40	Pwstypecod:	NC
Vooid:	0202704	Contaminant:	NITRITE
Viol. Type:	3		
Complperbe:	1/1/2001 0:00:00		
Complperen:	12/31/2001 0:00:00	Enfdate:	2/7/2002 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	0		
Truedate:	03/31/2009	Pwsid:	PA1460393
Pwsname:	SASSAMANSVILLE FIRE CO		
Retpopsrvd:	40	Pwstypecod:	NC
Vooid:	0202704	Contaminant:	NITRITE
Viol. Type:	3		
Complperbe:	1/1/2001 0:00:00		
Complperen:	12/31/2001 0:00:00	Enfdate:	3/20/2002 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	0		
Truedate:	03/31/2009	Pwsid:	PA1460393
Pwsname:	SASSAMANSVILLE FIRE CO		
Retpopsrvd:	40	Pwstypecod:	NC
Vooid:	0302736	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Complperbe:	10/1/2002 0:00:00		
Complperen:	12/31/2002 0:00:00	Enfdate:	10/7/2003 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA1460393
Pwsname:	SASSAMANSVILLE FIRE CO		
Retpopsrvd:	40	Pwstypecod:	NC
Vooid:	0302736	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Complperbe:	10/1/2002 0:00:00		
Complperen:	12/31/2002 0:00:00	Enfdate:	3/6/2003 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	PA1460393
Pwsname:	SASSAMANSVILLE FIRE CO		
Retpopsrvd:	40	Pwstypecod:	NC
Vooid:	0302736	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Complperbe:	10/1/2002 0:00:00		
Complperen:	12/31/2002 0:00:00	Enfdate:	3/6/2003 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1/1/2001 0:00:00 - 3/31/2001 0:00:00		
Violation ID:	0126940		
Enforcement Date:	5/5/2001 0:00:00	Enf. Action:	State Violation/Reminder Notice
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1/1/2001 0:00:00 - 3/31/2001 0:00:00		
Violation ID:	0126940		
Enforcement Date:	5/5/2001 0:00:00	Enf. Action:	State Violation/Reminder Notice
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1/1/2001 0:00:00 - 3/31/2001 0:00:00		
Violation ID:	0126940		
Enforcement Date:	6/18/2001 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1/1/2001 0:00:00 - 3/31/2001 0:00:00		
Violation ID:	0126940		
Enforcement Date:	6/5/2001 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1/1/2001 0:00:00 - 3/31/2001 0:00:00		
Violation ID:	0126940		
Enforcement Date:	6/5/2001 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1/1/2001 0:00:00 - 3/31/2001 0:00:00		
Violation ID:	0126940		
Enforcement Date:	6/5/2001 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1/1/2001 0:00:00 - 3/31/2001 0:00:00		
Violation ID:	0126940		
Enforcement Date:	6/5/2001 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1/1/2001 0:00:00 - 3/31/2001 0:00:00		
Violation ID:	0126940		
Enforcement Date:	6/18/2001 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	3		
Contaminant:	NITRATE		
Compliance Period:	1/1/2001 0:00:00 - 12/31/2001 0:00:00		
Violation ID:	0202703		
Enforcement Date:	3/20/2002 0:00:00	Enf. Action:	State Compliance Achieved

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	3		
Contaminant:	NITRATE		
Compliance Period:	1/1/2001 0:00:00 - 12/31/2001 0:00:00		
Violation ID:	0202703		
Enforcement Date:	2/7/2002 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	3		
Contaminant:	NITRATE		
Compliance Period:	1/1/2001 0:00:00 - 12/31/2001 0:00:00		
Violation ID:	0202703		
Enforcement Date:	2/7/2002 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	3		
Contaminant:	NITRATE		
Compliance Period:	1/1/2001 0:00:00 - 12/31/2001 0:00:00		
Violation ID:	0202703		
Enforcement Date:	2/7/2002 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	3		
Contaminant:	NITRATE		
Compliance Period:	1/1/2001 0:00:00 - 12/31/2001 0:00:00		
Violation ID:	0202703		
Enforcement Date:	2/7/2002 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	3		
Contaminant:	NITRATE		
Compliance Period:	1/1/2001 0:00:00 - 12/31/2001 0:00:00		
Violation ID:	0202703		
Enforcement Date:	3/20/2002 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	3		
Contaminant:	NITRITE		
Compliance Period:	1/1/2001 0:00:00 - 12/31/2001 0:00:00		
Violation ID:	0202704		
Enforcement Date:	3/20/2002 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	3		
Contaminant:	NITRITE		
Compliance Period:	1/1/2001 0:00:00 - 12/31/2001 0:00:00		
Violation ID:	0202704		
Enforcement Date:	3/20/2002 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	3		
Contaminant:	NITRITE		
Compliance Period:	1/1/2001 0:00:00 - 12/31/2001 0:00:00		
Violation ID:	0202704		
Enforcement Date:	2/7/2002 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	3		
Contaminant:	NITRITE		
Compliance Period:	1/1/2001 0:00:00 - 12/31/2001 0:00:00		
Violation ID:	0202704		
Enforcement Date:	2/7/2002 0:00:00	Enf. Action:	State Formal NOV Issued

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	3		
Contaminant:	NITRITE		
Compliance Period:	1/1/2001 0:00:00 - 12/31/2001 0:00:00		
Violation ID:	0202704		
Enforcement Date:	2/7/2002 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	3		
Contaminant:	NITRITE		
Compliance Period:	1/1/2001 0:00:00 - 12/31/2001 0:00:00		
Violation ID:	0202704		
Enforcement Date:	2/7/2002 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2002 0:00:00 - 12/31/2002 0:00:00		
Violation ID:	0302736		
Enforcement Date:	3/6/2003 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2002 0:00:00 - 12/31/2002 0:00:00		
Violation ID:	0302736		
Enforcement Date:	3/6/2003 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2002 0:00:00 - 12/31/2002 0:00:00		
Violation ID:	0302736		
Enforcement Date:	10/7/2003 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2002 0:00:00 - 12/31/2002 0:00:00		
Violation ID:	0302736		
Enforcement Date:	3/6/2003 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2002 0:00:00 - 12/31/2002 0:00:00		
Violation ID:	0302736		
Enforcement Date:	3/6/2003 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2002 0:00:00 - 12/31/2002 0:00:00		
Violation ID:	0302736		
Enforcement Date:	10/7/2003 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	Monitoring, Regular		
Contaminant:	NITRITE		
Compliance Period:	1998-01-01 - 1998-12-31		
Violation ID:	99003226		
Enforcement Date:	1999-03-01	Enf. Action:	State Formal NOV Issued

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	SASSAMANSVILLE FIRE CO		
Violation Type:	Monitoring, Regular		
Contaminant:	NITRITE		
Compliance Period:	1998-01-01 - 1998-12-31		
Violation ID:	99003226		
Enforcement Date:	1999-03-01	Enf. Action:	State Public Notif Requested

CONTACT INFORMATION:

Name:	SASSAMANSVILLE FIRE CO	Population:	40
Contact:	ART WELCH	Phone:	Not Reported
Address:	PO BOX 255		
Address 2:	SASSAMANSVILLE PA, 19 610-7		

**AA115
SSE
1/2 - 1 Mile
Lower**

PA WELLS PASI30000078626

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	3112N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	150
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +10 SECONDS	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3186111111		
Longitude dd:	-75.5525		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	10
Bedrock not:	0	Saltwaterz:	0
Date drilled:	02/01/1980	Pagwis id:	168679
Source site:	2	Local permit:	Not Reported
Latest owner:	167810	Driller sc:	0
Latest prod:	168792	Latest well:	170306
Site id:	PASI30000078626		

**AA116
SSE
1/2 - 1 Mile
Lower**

PA WELLS SPAW0124148

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	3112N	County	MONTGOMERY
Owner's Name:	LOEPER+HILBERT	Longitude:	753309
Latitude:	401907	Lat/Long Accuracy:	ACCURATE TO +10 SECONDS
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	150	Casing1 Diameter(inches):	6
Casing 1:	24	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	2-80
Grouted:	Not Reported	Production WL:	28
Static Water Level:	14	Yield Measurement Method:	V
Yield (gpm):	16	Test Time:	1.25
Drawdown:	14	Driller:	380
Bedrock:	10	Water Bearing Zone 2:	68
Water Bearing Zone 1:	43	Lithology:	SHALE
Water Bearing Zone 3:	91	Remark:	WBZ4=135; ROCK TYPE RED SH
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

AA117
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI30000078591

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	3113N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	FLAT SURFACE	Well depth:	125
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +10 SECONDS	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3183333333		
Longitude dd:	-75.5525		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	8
Bedrock not:	0	Saltwaterz:	0
Date drilled:	03/01/1980	Pagwis id:	168680
Source site:	2	Local permit:	Not Reported
Latest owner:	167811	Driller sc:	0
Latest prod:	168793	Latest well:	170307
Site id:	PASI30000078591		

AA118
SSE
1/2 - 1 Mile
Lower

PA WELLS SPAW0124149

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	3113N	County	MONTGOMERY
Owner's Name:	WOMMER A	Longitude:	753309
Latitude:	401906	Lat/Long Accuracy:	ACCURATE TO +10 SECONDS
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	FLAT SURFACE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	125	Casing1 Diameter(inches):	6
Casing 1:	24	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	3-80
Grouted:	Not Reported	Production WL:	12
Static Water Level:	3	Yield Measurement Method:	E
Yield (gpm):	48	Test Time:	1.75
Drawdown:	9	Driller:	380
Bedrock:	8	Water Bearing Zone 2:	68
Water Bearing Zone 1:	48	Lithology:	SHALE
Water Bearing Zone 3:	103	Remark:	WBZ4=115; ROCK TYPE RED SH
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

AB119
North
1/2 - 1 Mile
Higher

PA WELLS PASI30000082422

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 1606
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231DIBS
Topography:	HILLSIDE	Well depth:	280
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	Not Reported
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3402777778		
Longitude dd:	-75.5586111111		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	7
Bedrock not:	0	Saltwaterz:	0
Date drilled:	03/30/1988	Pagwis id:	169314
Source site:	2	Local permit:	Not Reported
Latest owner:	168445	Driller sc:	0
Latest prod:	169422	Latest well:	170938
Site id:	PASI30000082422		

AB120
North
1/2 - 1 Mile
Higher

PA WELLS SPAW0124783

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	X 1606	County	MONTGOMERY
Owner's Name:	PERNA J	Longitude:	753331
Latitude:	402025	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	280	Casing1 Diameter(inches):	6
Casing 1:	19	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-00
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	17	Yield Measurement Method:	1
Yield (gpm):	Not Reported	Test Time:	Not Reported
Drawdown:	263	Driller:	0188
Bedrock:	7	Water Bearing Zone 2:	125
Water Bearing Zone 1:	27	Lithology:	GRANITE
Water Bearing Zone 3:	Not Reported	Remark:	1641
Municipality:	NEW HANOVER		
Aquifer:	DIABASE DIKES AND SILLS		

AC121
North
1/2 - 1 Mile
Higher

PA WELLS PASI30000082454

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 0044
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231DIBS
Topography:	HILLSIDE	Well depth:	210
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	Not Reported
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3405555556		
Longitude dd:	-75.5572222222		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	21
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01/01/1966	Pagwis id:	169204
Source site:	2	Local permit:	Not Reported
Latest owner:	168335	Driller sc:	0
Latest prod:	169317	Latest well:	170829
Site id:	PASI30000082454		

AC122
North
1/2 - 1 Mile
Higher

PA WELLS SPAW0124673

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	X 0044	County	MONTGOMERY
Owner's Name:	DRESLIN ANTON	Longitude:	753326
Latitude:	402026	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	210	Casing1 Diameter(inches):	7
Casing 1:	24	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-66
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:	1014
Bedrock:	21	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	29	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	1641
Municipality:	NEW HANOVER		
Aquifer:	DIABASE DIKES AND SILLS		

**AD123
NW
1/2 - 1 Mile
Lower**

PA WELLS PASI30000081885

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5150N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	280
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3369444444		
Longitude dd:	-75.5691666667		
Well address:	Not Reported	Depth to bedrock:	8
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	168712
Date drilled:	10/01/1991	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	167843	Latest well:	170339
Latest prod:	168825		
Site id:	PASI30000081885		

**124
SW
1/2 - 1 Mile
Lower**

PA WELLS PASI30000078694

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dep counter:	937	Siteid:	Not Reported
Transactio:	0	Local welln:	Not Reported
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	1
Topography:	Not Reported	Well depth:	95
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	Not Reported
Latlong acc:	Not Reported	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	03/25/1993
Date updated:	03/25/1993		
Data Reliability:	Not Reported		
Source Depth Data:	Not Reported		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3189		
Longitude dd:	-75.5664		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	11/09/1992	Pagwis id:	215291
Source site:	5	Local permit:	Not Reported
Latest owner:	214261	Driller sc:	0
Latest prod:	0	Latest well:	216679
Site id:	PASI30000078694		
Agency Use Information:			
Counterlink:	937	Transaction counter:	1
Agency use of sitecode:	OBSERVATION		
Agency usedate:	Not Reported		
Construction Information:			
Recnum flag:	1	Counterlink:	937
Conscouter:	3211	Transaction counter:	1
Recnum consubrec:	1	Parent seqnum consubrec:	Not Reported
Construction date:	01/01/1969		
Driller:	1		
Source Cons Data:	OTHER/UNKNOWN/UNSPECIFIED		
Method Cons:	CABLE TOOL		
Finish:	OPEN HOLE		
Drillers well id:	Not Reported		
Interimwell id:	Not Reported	Abandonmentreasoncode:	Not Reported
Construction code:	Not Reported	Original driller:	Not Reported
Original driller name:	Not Reported		
Casing Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	6
Casing code:	UNKNOWN		
Casing wall thickness:	Not Reported		
Conslink:	937	Casing counter:	401
Hole Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	120	Hole diameter:	6
Remarks:	Not Reported		
Conslink:	937	Hole counter:	94

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Geohydrologic Information:

Counterlink:	937	Transaction counter:	1
Seqnum geohsubrec:	1	Parent seqnum aqfrsubrec:	1
Aapg code:	364HMBG2	Top of interval:	Not Reported
Lithology:	LIMESTONE		
Contributing Unit:	PRIMARY		
Bottom of interval:	Not Reported		

Site Water Use Information:

Counterlink:	937	Transaction counter:	1
Site Use:	WITHDRAWAL		
Water Use:	DOMESTIC		
Date of use:	Not Reported	Note:	Not Reported
Site waterid:	937		

Production Information:

Counterlink:	937	Transaction counter:	1
Prod seqnum:	1		
Discharge Type:	PUMPED		
Data Source:	Not Reported		
Discharge Meas Method:	Not Reported		
Discharge:	30	Swl:	Not Reported
W L Data Source:	Not Reported		
W L Meas Method:	Not Reported		
Prodwl:	Not Reported	Drawdown:	Not Reported
Speccap:	2.5	Test length:	2
Site Status W L Meas:	Not Reported		
Date discharged:	Not Reported		
Conslink:	Not Reported	Production id:	2293

Owner Information:

Counterlink:	937	Transaction counter:	1
Seqnum owner subrec:	1	Owner:	ENGLERT, LARRY
Zipcode:	Not Reported	Owner firstname:	Not Reported
Date ownership:	01/01/1969	Conslink:	3211
Owner id:	2727		

**AE125
NW
1/2 - 1 Mile
Lower**

PA WELLS SPAW0124689

Well ID:	X 0313	County	MONTGOMERY
Owner's Name:	GIESH L ROBERT	Longitude:	753402
Latitude:	402019	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	175	Casing1 Diameter(inches):	6
Casing 1:	24	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-67
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	Not Reported
Yield (gpm):	6	Test Time:	14
Drawdown:	Not Reported	Driller:	0072
Bedrock:	21	Water Bearing Zone 2:	134
Water Bearing Zone 1:	96	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	1641
Municipality:	NEW HANOVER		
Aquifer:	DIABASE DIKES AND SILLS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

AE126
NW
1/2 - 1 Mile
Lower

PA WELLS PASI30000082180

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 0313
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231DIBS
Topography:	HILLSIDE	Well depth:	175
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	Not Reported
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3386111111		
Longitude dd:	-75.5672222222		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	21
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01/01/1967	Pagwis id:	169220
Source site:	2	Local permit:	Not Reported
Latest owner:	168351	Driller sc:	0
Latest prod:	169333	Latest well:	170845
Site id:	PASI30000082180		

Casing Information:

Transaction counter:	1	Parent seqnum conssubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	6
Casing code:	UNKNOWN		
Casing wall thickness:	Not Reported		
Conslink:	937	Casing counter:	401

Hole Information:

Transaction counter:	1	Parent seqnum conssubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	120	Hole diameter:	6
Remarks:	Not Reported		
Conslink:	937	Hole counter:	94

AF127
WNW
1/2 - 1 Mile
Lower

PA WELLS PASI30000081429

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 1607
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	FLAT SURFACE	Well depth:	100
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	Not Reported
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.3344444444	Depth to bedrock:	10
Longitude dd:	-75.5716666667	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	169315
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	10/01/1986	Latest well:	170939
Source site:	2		
Latest owner:	168446		
Latest prod:	169423		
Site id:	PASI30000081429		

Casing Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	6
Casing code:	UNKNOWN		
Casing wall thickness:	Not Reported		
Conslink:	937	Casing counter:	401

Hole Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	120	Hole diameter:	6
Remarks:	Not Reported		
Conslink:	937	Hole counter:	94

**AG128
SSE
1/2 - 1 Mile
Lower**

PA WELLS PASI30000078369

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5383N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	90
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3169444444		
Longitude dd:	-75.5527777778		
Well address:	Not Reported	Depth to bedrock:	8
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	168945
Date drilled:	06/01/1988	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	168076	Latest well:	170571
Latest prod:	169058		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000078369

Casing Information:

Transaction counter:	1	Parent seqnum consubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	6
Casing code:	UNKNOWN		
Casing wall thickness:	Not Reported		
Conslink:	937	Casing counter:	401

Hole Information:

Transaction counter:	1	Parent seqnum consubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	120	Hole diameter:	6
Remarks:	Not Reported		
Conslink:	937	Hole counter:	94

**AF129
WNW
1/2 - 1 Mile
Lower**

PA WELLS SPAW0124784

Well ID:	X 1607	County	MONTGOMERY
Owner's Name:	PARKER JAMES	Longitude:	753418
Latitude:	402004	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	FLAT SURFACE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	100	Casing1 Diameter(inches):	6
Casing 1:	22	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-00
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	3	Yield Measurement Method:	5
Yield (gpm):	80	Test Time:	Not Reported
Drawdown:	97	Driller:	0188
Bedrock:	10	Water Bearing Zone 2:	85
Water Bearing Zone 1:	45	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	1641
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

**AG130
SSE
1/2 - 1 Mile
Lower**

PA WELLS SPAW0124414

Well ID:	5383N	County	MONTGOMERY
Owner's Name:	PALATUCCI TOM	Longitude:	753310
Latitude:	401901	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	90	Casing1 Diameter(inches):	6
Casing 1:	42	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Not Reported	Date Drilled:	6-88
Static Water Level:	Not Reported	Production WL:	Not Reported
Yield (gpm):	75	Yield Measurement Method:	E
Drawdown:	Not Reported	Test Time:	Not Reported
Bedrock:	8	Driller:	514
Water Bearing Zone 1:	60	Water Bearing Zone 2:	80
Water Bearing Zone 3:	Not Reported	Lithology:	SANDSTONE
Municipality:	NEW HANOVER	Remark:	Not Reported
Aquifer:	BRUNSWICK FORMATION		

**AF131
WNW
1/2 - 1 Mile
Lower**

PA WELLS PASI30000081556

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5144N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	130
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.335		
Longitude dd:	-75.5713888889		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	10
Bedrock not:	0	Saltwaterz:	0
Date drilled:	09/01/1991	Pagwis id:	168706
Source site:	2	Local permit:	Not Reported
Latest owner:	167837	Driller sc:	0
Latest prod:	168819	Latest well:	170333
Site id:	PASI30000081556		

Casing Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	6
Casing code:	UNKNOWN		
Casing wall thickness:	Not Reported		
Conslink:	937	Casing counter:	401

Hole Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	120	Hole diameter:	6
Remarks:	Not Reported		
Conslink:	937	Hole counter:	94

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

AF132
WNW
 1/2 - 1 Mile
 Lower

PA WELLS SPAW0124175

Well ID:	5144N	County	MONTGOMERY
Owner's Name:	MATZ JAMES	Longitude:	753417
Latitude:	402006	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	130	Casing1 Diameter(inches):	6
Casing 1:	40	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	9-91
Grouted:	Not Reported	Production WL:	100
Static Water Level:	20	Yield Measurement Method:	E
Yield (gpm):	20	Test Time:	1
Drawdown:	80	Driller:	380
Bedrock:	10	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	110	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

AH133
NNE
 1/2 - 1 Mile
 Higher

PA WELLS SPAW0124782

Well ID:	X 1605	County	MONTGOMERY
Owner's Name:	WALKER BARRY	Longitude:	753308
Latitude:	402027	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	73	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:	20	Yield Measurement Method:	1
Yield (gpm):	60	Test Time:	Not Reported
Drawdown:	53	Driller:	0188
Bedrock:	5	Water Bearing Zone 2:	48
Water Bearing Zone 1:	39	Lithology:	GRANITE
Water Bearing Zone 3:	Not Reported	Remark:	1641
Municipality:	NEW HANOVER		
Aquifer:	DIABASE DIKES AND SILLS		

AH134
NNE
 1/2 - 1 Mile
 Higher

PA WELLS PASI30000082502

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 1605
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231DIBS
Topography:	HILLSIDE	Well depth:	73
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	Not Reported
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3408333333		
Longitude dd:	-75.5522222222		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	5
Bedrock not:	0	Saltwaterz:	0
Date drilled:	04/01/1988	Pagwis id:	169313
Source site:	2	Local permit:	Not Reported
Latest owner:	168444	Driller sc:	0
Latest prod:	169421	Latest well:	170937
Site id:	PASI30000082502		

Casing Information:

Transaction counter:	1	Parent seqnum consubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	6
Casing code:	UNKNOWN		
Casing wall thickness:	Not Reported		
Conslink:	937	Casing counter:	401

Hole Information:

Transaction counter:	1	Parent seqnum consubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	120	Hole diameter:	6
Remarks:	Not Reported		
Conslink:	937	Hole counter:	94

AG135
SSE
1/2 - 1 Mile
Lower

PA WELLS SPAW0124146

Well ID:	3110N	County	MONTGOMERY
Owner's Name:	SOMERDAY P	Longitude:	753310
Latitude:	401900	Lat/Long Accuracy:	ACCURATE TO +10 SECONDS
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	FLAT SURFACE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	150	Casing1 Diameter(inches):	6
Casing 1:	26	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Not Reported	Date Drilled:	9-80
Static Water Level:	23	Production WL:	80
Yield (gpm):	18	Yield Measurement Method:	E
Drawdown:	57	Test Time:	0.5
Bedrock:	10	Driller:	380
Water Bearing Zone 1:	45	Water Bearing Zone 2:	65
Water Bearing Zone 3:	115	Lithology:	SHALE
Municipality:	NEW HANOVER	Remark:	WBZ4=142; ROCK TYPE RED SH
Aquifer:	BRUNSWICK FORMATION		

AG136
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI30000078261

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	3110N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	FLAT SURFACE	Well depth:	150
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +10 SECONDS	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.316666667		
Longitude dd:	-75.552777778		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	10
Bedrock not:	0	Saltwaterz:	0
Date drilled:	09/01/1980	Pagwis id:	168677
Source site:	2	Local permit:	Not Reported
Latest owner:	167808	Driller sc:	0
Latest prod:	168790	Latest well:	170304
Site id:	PASI30000078261		

Casing Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	6
Casing code:	UNKNOWN		
Casing wall thickness:	Not Reported		
Conslink:	937	Casing counter:	401

Hole Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	120	Hole diameter:	6
Remarks:	Not Reported		
Conslink:	937	Hole counter:	94

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AD137
NW
1/2 - 1 Mile
Lower

FED USGS USGS2163198

Agency cd:	USGS	Site no:	402015075340901
Site name:	MG 1987		
Latitude:	402014.67	EDR Site id:	USGS2163198
Longitude:	0753409.27	Dec lat:	40.33740833
Dec lon:	-75.56924167	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	42
State:	42	County:	091
Country:	US	Land net:	Not Reported
Location map:	SASSAMANSVILLE	Map scale:	24000
Altitude:	362		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill. Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	1952
Date inventoried:	20030819	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	BRUNSWICK FORMATION		
Well depth:	56	Hole depth:	Not Reported
Source of depth data:	owner		
Project number:	2476OAN00		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	2003-08-19	Ground water data end date:	2003-08-19
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

2003-08-19	10.77	

AH138
NNE
1/2 - 1 Mile
Higher

PA WELLS SPAW0124137

Well ID:	3101N	County	MONTGOMERY
Owner's Name:	LANDIS H JR	Longitude:	753309
Latitude:	402028	Lat/Long Accuracy:	ACCURATE TO +10 SECONDS
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	160	Casing1 Diameter(inches):	6
Casing 1:	65	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Not Reported	Date Drilled:	12-84
Static Water Level:	30	Production WL:	160
Yield (gpm):	20	Yield Measurement Method:	Not Reported
Drawdown:	Not Reported	Test Time:	0.75
Bedrock:	40	Driller:	982
Water Bearing Zone 1:	120	Water Bearing Zone 2:	140
Water Bearing Zone 3:	Not Reported	Lithology:	OTHER
Municipality:	NEW HANOVER	Remark:	ROCK TYPE BLUE GRANITE; AIR
Aquifer:	DIABASE DIKES AND SILLS		

139
NNE
1/2 - 1 Mile
Lower

FED USGS USGS2163059

Agency cd:	USGS	Site no:	402025075325601
Site name:	MG 2030	EDR Site id:	USGS2163059
Latitude:	402024.88	Dec lat:	40.34024444
Longitude:	0753256.48	Coor meth:	G
Dec lon:	-75.54902222	Latlong datum:	NAD83
Coor accr:	5	District:	42
Dec latlong datum:	NAD83	County:	091
State:	42	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	SASSAMANSVILLE		
Altitude:	368		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	197909
Date inventoried:	20030912	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	DIABASE DIKES AND SILLS		
Well depth:	330	Hole depth:	Not Reported
Source of depth data:	driller		
Project number:	2476OAN00		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	2003-09-12	Ground water data end date:	2003-09-12
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

2003-09-12	8.40	

AH140
NNE
1/2 - 1 Mile
Higher

PA WELLS PASI30000082540

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	3101N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231DIBS
Topography:	HILLSIDE	Well depth:	160
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +10 SECONDS	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3411111111		
Longitude dd:	-75.5525		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	40
Bedrock not:	0	Saltwaterz:	0
Date drilled:	12/01/1984	Pagwis id:	168668
Source site:	2	Local permit:	Not Reported
Latest owner:	167799	Driller sc:	0
Latest prod:	168781	Latest well:	170295
Site id:	PASI30000082540		

Casing Information:

Transaction counter:	1	Parent seqnum consubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	6
Casing code:	UNKNOWN		
Casing wall thickness:	Not Reported		
Conslink:	937	Casing counter:	401

Hole Information:

Transaction counter:	1	Parent seqnum consubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	120	Hole diameter:	6
Remarks:	Not Reported		
Conslink:	937	Hole counter:	94

**AH141
NNE
1/2 - 1 Mile
Higher**

PA WELLS PASI30000082573

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5420N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	298
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.3413888889	Depth to bedrock:	5
Longitude dd:	-75.5527777778	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	168982
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	03/01/1989	Latest well:	170608
Source site:	2		
Latest owner:	168113		
Latest prod:	169095		
Site id:	PASI30000082573		

Casing Information:		Parent seqnum consubrec:	1
Transaction counter:	1	Top of casing:	0
Recnum casing:	1	Casing diameter:	6
Bottom of casing:	Not Reported		
Casing code:	UNKNOWN		
Casing wall thickness:	Not Reported		
Conslink:	937	Casing counter:	401

Hole Information:		Parent seqnum consubrec:	1
Transaction counter:	1	Top of hole:	0
Recnum hole subrec:	1	Hole diameter:	6
Bottom of hole:	120		
Remarks:	Not Reported		
Conslink:	937	Hole counter:	94

AH142
NNE
1/2 - 1 Mile
Higher

PA WELLS SPAW0124451

Well ID:	5420N	County:	MONTGOMERY
Owner's Name:	RAUB DVID	Longitude:	753310
Latitude:	402029	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	298	Casing1 Diameter(inches):	6
Casing 1:	21	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	3-89
Grouted:	Not Reported	Production WL:	20
Static Water Level:	298	Yield Measurement Method:	E
Yield (gpm):	2	Test Time:	0.5
Drawdown:	278	Driller:	1775
Bedrock:	5	Water Bearing Zone 2:	80
Water Bearing Zone 1:	30	Lithology:	SANDSTONE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

143
North
1/2 - 1 Mile
Higher

FED USGS USGS2163077

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	402031075352101
Site name:	MG 2027		
Latitude:	402031	EDR Site id:	USGS2163077
Longitude:	0753321	Dec lat:	40.34194444
Dec lon:	-75.55583333	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	42
State:	42	County:	091
Country:	US	Land net:	Not Reported
Location map:	SASSAMANSVILLE	Map scale:	24000
Altitude:	472		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030911	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	DIABASE DIKES AND SILLS		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	2476OAN00		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	2003-09-11	Ground water data end date:	2003-09-11
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

2003-09-11	36.67	

**AI144
NNE
1/2 - 1 Mile
Higher**

PA WELLS PASI30000082626

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 1604
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231DIBS
Topography:	HILLSIDE	Well depth:	140
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	Not Reported
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.3416666667	Depth to bedrock:	20
Longitude dd:	-75.5536111111	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	169312
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01/01/1968	Latest well:	170936
Source site:	2		
Latest owner:	168443		
Latest prod:	169420		
Site id:	PASI30000082626		

Casing Information:		Parent seqnum consubrec:	1
Transaction counter:	1	Top of casing:	0
Recnum casing:	1	Casing diameter:	6
Bottom of casing:	Not Reported		
Casing code:	UNKNOWN		
Casing wall thickness:	Not Reported		
Conslink:	937	Casing counter:	401

Hole Information:		Parent seqnum consubrec:	1
Transaction counter:	1	Top of hole:	0
Recnum hole subrec:	1	Hole diameter:	6
Bottom of hole:	120		
Remarks:	Not Reported		
Conslink:	937	Hole counter:	94

AI145
NNE
1/2 - 1 Mile
Higher

PA WELLS SPAW0124781

Well ID:	X 1604	County:	MONTGOMERY
Owner's Name:	RODKEY S	Longitude:	753313
Latitude:	402030	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	140	Casing1 Diameter(inches):	6
Casing 1:	28	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-00
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	20	Yield Measurement Method:	0
Yield (gpm):	20	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	0982
Bedrock:	20	Water Bearing Zone 2:	120
Water Bearing Zone 1:	90	Lithology:	Not Reported
Water Bearing Zone 3:	130	Remark:	1641
Municipality:	NEW HANOVER		
Aquifer:	DIABASE DIKES AND SILLS		

AJ146
SW
1/2 - 1 Mile
Lower

PA WELLS SPAW0124785

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	X 1608	County	MONTGOMERY
Owner's Name:	WILLIAMSON B	Longitude:	753410
Latitude:	401911	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	FLAT SURFACE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	140	Casing1 Diameter(inches):	6
Casing 1:	42	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-00
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	20	Yield Measurement Method:	0
Yield (gpm):	30	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	0982
Bedrock:	35	Water Bearing Zone 2:	110
Water Bearing Zone 1:	80	Lithology:	Not Reported
Water Bearing Zone 3:	130	Remark:	1641
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

**AJ147
SW
1/2 - 1 Mile
Lower**

PA WELLS PASI30000078822

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 1608
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	FLAT SURFACE	Well depth:	140
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	Not Reported
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3197222222		
Longitude dd:	-75.5694444444		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	35
Bedrock not:	0	Saltwaterz:	0
Date drilled:	12/01/1987	Pagwis id:	169316
Source site:	2	Local permit:	Not Reported
Latest owner:	168447	Driller sc:	0
Latest prod:	169424	Latest well:	170940
Site id:	PASI30000078822		
Casing Information:			
Transaction counter:	1	Parent seqnum conssubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	6
Casing code:	UNKNOWN		
Casing wall thickness:	Not Reported		
Conslink:	937	Casing counter:	401

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Hole Information:

Transaction counter:	1	Parent seqnum consubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	120	Hole diameter:	6
Remarks:	Not Reported		
Conslink:	937	Hole counter:	94

AI148
NNE
1/2 - 1 Mile
Higher

PA WELLS PASI30000082627

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5453N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231DIBS
Topography:	HILLSIDE	Well depth:	300
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3416666667		
Longitude dd:	-75.5530555556		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	25
Bedrock not:	0	Saltwaterz:	0
Date drilled:	06/01/1990	Pagwis id:	169015
Source site:	2	Local permit:	Not Reported
Latest owner:	168146	Driller sc:	0
Latest prod:	169128	Latest well:	170641
Site id:	PASI30000082627		

Casing Information:

Transaction counter:	1	Parent seqnum consubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	6
Casing code:	UNKNOWN		
Casing wall thickness:	Not Reported		
Conslink:	937	Casing counter:	401

Hole Information:

Transaction counter:	1	Parent seqnum consubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	120	Hole diameter:	6
Remarks:	Not Reported		
Conslink:	937	Hole counter:	94

AI149
NNE
1/2 - 1 Mile
Lower

PA WELLS SPAW0124484

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	5453N	County	MONTGOMERY
Owner's Name:	HAAS WILLARD	Longitude:	753311
Latitude:	402030	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	300	Casing1 Diameter(inches):	6
Casing 1:	50	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	6-90
Grouted:	Not Reported	Production WL:	300
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	3	Test Time:	0.75
Drawdown:	Not Reported	Driller:	982
Bedrock:	25	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	GRANITE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	DIABASE DIKES AND SILLS		

**AK150
East
1/2 - 1 Mile
Higher**

PA WELLS PASI30000080828

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5443N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	475
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3313888889		
Longitude dd:	-75.5397222222		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	15
Bedrock not:	0	Saltwaterz:	0
Date drilled:	06/01/1990	Pagwis id:	169005
Source site:	2	Local permit:	Not Reported
Latest owner:	168136	Driller sc:	0
Latest prod:	169118	Latest well:	170631
Site id:	PASI30000080828		
Casing Information:		Parent seqnum conssubrec:	1
Transaction counter:	1	Top of casing:	0
Recnum casing:	1	Casing diameter:	6
Bottom of casing:	Not Reported		
Casing code:	UNKNOWN		
Casing wall thickness:	Not Reported		
Conslink:	937	Casing counter:	401

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Hole Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	120	Hole diameter:	6
Remarks:	Not Reported		
Conslink:	937	Hole counter:	94

AK151
East
1/2 - 1 Mile
Higher

PA WELLS SPAW0124474

Well ID:	5443N	County:	MONTGOMERY
Owner's Name:	REED DONALD	Longitude:	753223
Latitude:	401953	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	475	Casing1 Diameter(inches):	6
Casing 1:	40	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	6-90
Grouted:	Not Reported	Production WL:	475
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	10	Test Time:	0.75
Drawdown:	Not Reported	Driller:	982
Bedrock:	15	Water Bearing Zone 2:	300
Water Bearing Zone 1:	90	Lithology:	GRANITE
Water Bearing Zone 3:	450	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

AK152
ENE
1/2 - 1 Mile
Higher

PA WELLS PASI30000080929

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5442N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	840
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3319444444		
Longitude dd:	-75.5397222222		
Well address:	Not Reported	Depth to bedrock:	20
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	169004
Date drilled:	01/01/1990	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	168135	Latest well:	170630
Latest prod:	169117		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000080929

Casing Information:

Transaction counter:	1	Parent seqnum conssubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	6
Casing code:	UNKNOWN		
Casing wall thickness:	Not Reported		
Conslink:	937	Casing counter:	401

Hole Information:

Transaction counter:	1	Parent seqnum conssubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	120	Hole diameter:	6
Remarks:	Not Reported		
Conslink:	937	Hole counter:	94

**AL153
WNW
1/2 - 1 Mile
Lower**

PA WELLS SPAW0124443

Well ID:	5412N	County	MONTGOMERY
Owner's Name:	CAMPBELL CHARLES	Longitude:	753429
Latitude:	401954	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	206	Casing1 Diameter(inches):	6
Casing 1:	40	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	8-87
Grouted:	Not Reported	Production WL:	6
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	30	Test Time:	0.33
Drawdown:	Not Reported	Driller:	121
Bedrock:	12	Water Bearing Zone 2:	160
Water Bearing Zone 1:	110	Lithology:	Not Reported
Water Bearing Zone 3:	190	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

**AK154
ENE
1/2 - 1 Mile
Higher**

PA WELLS SPAW0124473

Well ID:	5442N	County	MONTGOMERY
Owner's Name:	HAGEN TOM	Longitude:	753223
Latitude:	401955	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	840	Casing1 Diameter(inches):	6
Casing 1:	63	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Not Reported	Date Drilled:	1-90
Static Water Level:	200	Production WL:	840
Yield (gpm):	Not Reported	Yield Measurement Method:	E
Drawdown:	Not Reported	Test Time:	0.75
Bedrock:	20	Driller:	982
Water Bearing Zone 1:	Not Reported	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 3:	Not Reported	Lithology:	GRANITE
Municipality:	NEW HANOVER	Remark:	Not Reported
Aquifer:	BRUNSWICK FORMATION		

AL155
WNW
1/2 - 1 Mile
Lower

PA WELLS PASI30000080875

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5412N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	206
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3316666667		
Longitude dd:	-75.5747222222		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	12
Bedrock not:	0	Saltwaterz:	0
Date drilled:	08/01/1987	Pagwis id:	168974
Source site:	2	Local permit:	Not Reported
Latest owner:	168105	Driller sc:	0
Latest prod:	169087	Latest well:	170600
Site id:	PASI30000080875		

Casing Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	6
Casing code:	UNKNOWN		
Casing wall thickness:	Not Reported		
Conslink:	937	Casing counter:	401

Hole Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	120	Hole diameter:	6
Remarks:	Not Reported		
Conslink:	937	Hole counter:	94

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

AM156
NE
1/2 - 1 Mile
Lower

PA WELLS SPAW0124200

Well ID:	5169N	County:	MONTGOMERY
Owner's Name:	FLUHARTY FUR	Longitude:	753244
Latitude:	402022	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	97	Casing1 Diameter(inches):	6
Casing 1:	42	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	6-87
Grouted:	Not Reported	Production WL:	97
Static Water Level:	16	Yield Measurement Method:	V
Yield (gpm):	20	Test Time:	0.5
Drawdown:	81	Driller:	188
Bedrock:	21	Water Bearing Zone 2:	70
Water Bearing Zone 1:	62	Lithology:	GRANITE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	DIABASE DIKES AND SILLS		

AM157
NE
1/2 - 1 Mile
Lower

PA WELLS PASI30000082302

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5169N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231DIBS
Topography:	HILLSIDE	Well depth:	97
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3394444444		
Longitude dd:	-75.5455555556		
Well address:	Not Reported	Depth to bedrock:	21
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	168731
Date drilled:	06/01/1987	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	167862	Latest well:	170358
Latest prod:	168844		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000082302

Casing Information:

Transaction counter:	1	Parent seqnum consubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	6
Casing code:	UNKNOWN		
Casing wall thickness:	Not Reported		
Conslink:	937	Casing counter:	401

Hole Information:

Transaction counter:	1	Parent seqnum consubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	120	Hole diameter:	6
Remarks:	Not Reported		
Conslink:	937	Hole counter:	94

**AN158
WNW
1/2 - 1 Mile
Lower**

PA WELLS SPAW0124292

Well ID:	5261N	County	MONTGOMERY
Owner's Name:	MACKEN BARRY	Longitude:	753425
Latitude:	402005	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	227	Casing1 Diameter(inches):	6
Casing 1:	42	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	12-87
Grouted:	Not Reported	Production WL:	227
Static Water Level:	5	Yield Measurement Method:	V
Yield (gpm):	12	Test Time:	0.5
Drawdown:	224	Driller:	188
Bedrock:	10	Water Bearing Zone 2:	197
Water Bearing Zone 1:	60	Lithology:	OTHER
Water Bearing Zone 3:	220	Remark:	ROCK TYPE: TRAPROCK
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

**AN159
WNW
1/2 - 1 Mile
Lower**

PA WELLS PASI30000081500

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5261N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	227
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.3347222222	Depth to bedrock:	10
Longitude dd:	-75.5736111111	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	168823
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	12/01/1987	Latest well:	170450
Source site:	2		
Latest owner:	167954		
Latest prod:	168936		
Site id:	PASI30000081500		

Casing Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	6
Casing code:	UNKNOWN		
Casing wall thickness:	Not Reported		
Conslink:	937	Casing counter:	401

Hole Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	120	Hole diameter:	6
Remarks:	Not Reported		
Conslink:	937	Hole counter:	94

**AO160
NW
1/2 - 1 Mile
Lower**

PA WELLS PASI30000081884

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5423N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	175
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3369444444		
Longitude dd:	-75.5719444444		
Well address:	Not Reported	Depth to bedrock:	5
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	168985
Date drilled:	11/01/1988	Local permit:	Not Reported
Source site:	2	Driller sc:	0
Latest owner:	168116	Latest well:	170611
Latest prod:	169098		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000081884

Casing Information:

Transaction counter:	1	Parent seqnum consubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	6
Casing code:	UNKNOWN		
Casing wall thickness:	Not Reported		
Conslink:	937	Casing counter:	401

Hole Information:

Transaction counter:	1	Parent seqnum consubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	120	Hole diameter:	6
Remarks:	Not Reported		
Conslink:	937	Hole counter:	94

**AO161
NW
1/2 - 1 Mile
Lower**

PA WELLS SPAW0124454

Well ID:	5423N	County:	MONTGOMERY
Owner's Name:	SELLERS RONALD	Longitude:	753419
Latitude:	402013	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	175	Casing1 Diameter(inches):	6
Casing 1:	40	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	11-88
Grouted:	Not Reported	Production WL:	18
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	20	Test Time:	0.33
Drawdown:	Not Reported	Driller:	121
Bedrock:	5	Water Bearing Zone 2:	98
Water Bearing Zone 1:	70	Lithology:	Not Reported
Water Bearing Zone 3:	148	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

**162
WSW
1/2 - 1 Mile
Lower**

FED USGS USGS2163355

Agency cd:	USGS	Site no:	401917075342001
Site name:	MG 2075	EDR Site id:	USGS2163355
Latitude:	401917.45	Dec lat:	40.32151389
Longitude:	0753419.93	Coor meth:	G
Dec lon:	-75.57220278	Latlong datum:	NAD83
Coor accr:	5	District:	42
Dec latlong datum:	NAD83	County:	091
State:	42	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	SASSAMANSVILLE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: 259
 Altitude method: Interpolated from topographic map
 Altitude accuracy: 5
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: Schuylkill. Pennsylvania. Area = 1900 sq.mi.
 Topographic: Hillside (slope)
 Site type: Ground-water other than Spring Date construction: Not Reported
 Date inventoried: 20031016 Mean greenwich time offset: EST
 Local standard time flag: Y
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: BRUNSWICK FORMATION
 Well depth: Not Reported Hole depth: Not Reported
 Source of depth data: Not Reported
 Project number: 2476OAN00
 Real time data flag: 0 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00
 Peak flow data count: 0 Water quality data begin date: 0000-00-00
 Water quality data end date: 0000-00-00 Water quality data count: 0
 Ground water data begin date: 2003-10-16 Ground water data end date: 2003-10-16
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

2003-10-16	8.36	

**AO163
NW
1/2 - 1 Mile
Lower**

FED USGS USGS2163202

Agency cd: USGS Site no: 402016075341601
 Site name: MG 2034
 Latitude: 402015.56 EDR Site id: USGS2163202
 Longitude: 0753416.26 Dec lat: 40.33765556
 Dec lon: -75.57118333 Coord meth: G
 Coord acc: 5 Latlong datum: NAD83
 Dec latlong datum: NAD83 District: 42
 State: 42 County: 091
 Country: US Land net: Not Reported
 Location map: SASSAMANSVILLE Map scale: 24000
 Altitude: 350
 Altitude method: Interpolated from topographic map
 Altitude accuracy: 5
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: Schuylkill. Pennsylvania. Area = 1900 sq.mi.
 Topographic: Alluvial or marine terrace
 Site type: Ground-water other than Spring Date construction: 1989
 Date inventoried: 20030915 Mean greenwich time offset: EST
 Local standard time flag: Y
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: BRUNSWICK FORMATION
 Well depth: 275 Hole depth: Not Reported
 Source of depth data: owner
 Project number: 2476OAN00
 Real time data flag: 0 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0	Water quality data begin date: 0000-00-00
Water quality data end date: 0000-00-00	Water quality data count: 0
Ground water data begin date: 2003-09-15	Ground water data end date: 2003-09-15
Ground water data count: 1	

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

2003-09-15	19.10	

AP164
North
1/2 - 1 Mile
Lower

PA WELLS PASI30000082824

Dep counter: 0	Siteid: Not Reported
Transactio: 0	Local welln: 5376N
County: MONTGOMERY	Latitude: Not Reported
Longitude: Not Reported	Aapg code: 231DIBS
Topography: HILLSIDE	Well depth: 600
Elevation: 0	
Elev method: Not Reported	
Accuracy of elev: Not Reported	Hydrologic: 02040203
Latlong acc: ACCURATE TO +1 MINUTE	Quad code: SASSAMANSVILLE
Type of site: WELL	Date created: 02/03/1999
Date updated: 02/04/1999	
Data Reliability: LOCATION MAY NOT BE ACCURATE (WWI paper)	
Source Depth Data: DRILLER'S RECORD	
Municipality: NEW HANOVER TWP.	
Latitude dd: 40.3427777778	
Longitude dd: -75.5538888889	
Well address: Not Reported	
Well zipcode: Not Reported	Depth to bedrock: 20
Bedrock not: 0	Saltwaterz: 0
Date drilled: 04/01/1989	Pagwis id: 168938
Source site: 2	Local permit: Not Reported
Latest owner: 168069	Driller sc: 0
Latest prod: 169051	Latest well: 170564
Site id: PASI30000082824	

Casing Information:	
Transaction counter: 1	Parent seqnum consubrec: 1
Recnum casing: 1	Top of casing: 0
Bottom of casing: Not Reported	Casing diameter: 6
Casing code: UNKNOWN	
Casing wall thickness: Not Reported	
Conslink: 937	Casing counter: 401

Hole Information:	
Transaction counter: 1	Parent seqnum consubrec: 1
Recnum hole subrec: 1	Top of hole: 0
Bottom of hole: 120	Hole diameter: 6
Remarks: Not Reported	
Conslink: 937	Hole counter: 94

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AP165
North
1/2 - 1 Mile
Lower

PA WELLS SPAW0124407

Well ID:	5376N	County	MONTGOMERY
Owner's Name:	PARESTIS LARRY	Longitude:	753314
Latitude:	402034	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	600	Casing1 Diameter(inches):	6
Casing 1:	54	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	4-89
Grouted:	Not Reported	Production WL:	600
Static Water Level:	125	Yield Measurement Method:	E
Yield (gpm):	5	Test Time:	0.75
Drawdown:	Not Reported	Driller:	982
Bedrock:	20	Water Bearing Zone 2:	580
Water Bearing Zone 1:	350	Lithology:	GRANITE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	DIABASE DIKES AND SILLS		

AQ166
SW
1/2 - 1 Mile
Lower

PA WELLS SPAW0124690

Well ID:	X 0316	County	MONTGOMERY
Owner's Name:	ASTON JACK	Longitude:	753407
Latitude:	401904	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	175	Casing1 Diameter(inches):	6
Casing 1:	52	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-68
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	Not Reported
Yield (gpm):	16	Test Time:	4
Drawdown:	Not Reported	Driller:	0072
Bedrock:	48	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	162	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	1641
Municipality:	NEW HANOVER		
Aquifer:	HAMMER CREEK FORMATION		

AQ167
SW
1/2 - 1 Mile
Lower

PA WELLS PASI30000078511

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	X 0316
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231HMCK
Topography:	HILLSIDE	Well depth:	175
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	Not Reported
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3177777778		
Longitude dd:	-75.5686111111		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	48
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01/01/1968	Pagwis id:	169221
Source site:	2	Local permit:	Not Reported
Latest owner:	168352	Driller sc:	0
Latest prod:	169334	Latest well:	170846
Site id:	PASI30000078511		

Casing Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	6
Casing code:	UNKNOWN		
Casing wall thickness:	Not Reported		
Conslink:	937	Casing counter:	401

Hole Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	120	Hole diameter:	6
Remarks:	Not Reported		
Conslink:	937	Hole counter:	94

**AR168
NW
1/2 - 1 Mile
Lower**

PA WELLS PASI30000082217

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5463N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	300
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 MINUTE	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.338888889	Depth to bedrock:	15
Longitude dd:	-75.5702777778	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	169025
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	12/01/1990	Latest well:	170651
Source site:	2		
Latest owner:	168156		
Latest prod:	169138		
Site id:	PASI30000082217		

Casing Information:		Parent seqnum consubrec:	1
Transaction counter:	1	Top of casing:	0
Recnum casing:	1	Casing diameter:	6
Bottom of casing:	Not Reported		
Casing code:	UNKNOWN		
Casing wall thickness:	Not Reported		
Conslink:	937	Casing counter:	401

Hole Information:		Parent seqnum consubrec:	1
Transaction counter:	1	Top of hole:	0
Recnum hole subrec:	1	Hole diameter:	6
Bottom of hole:	120		
Remarks:	Not Reported		
Conslink:	937	Hole counter:	94

AR169
NW
1/2 - 1 Mile
Lower

PA WELLS SPAW0124494

Well ID:	5463N	County:	MONTGOMERY
Owner's Name:	C & C HOMES	Longitude:	753413
Latitude:	402020	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	300	Casing1 Diameter(inches):	6
Casing 1:	55	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	12-90
Grouted:	Not Reported	Production WL:	300
Static Water Level:	25	Yield Measurement Method:	E
Yield (gpm):	15	Test Time:	0.75
Drawdown:	Not Reported	Driller:	982
Bedrock:	15	Water Bearing Zone 2:	210
Water Bearing Zone 1:	140	Lithology:	SHALE
Water Bearing Zone 3:	270	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

AS170
East
1/2 - 1 Mile
Higher

PA WELLS PASI30000080353

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	3088N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	FLAT SURFACE	Well depth:	97
Elevation:	0		
Elev method:	Not Reported		
Accuracy of elev:	Not Reported	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +10 SECONDS	Quad code:	SASSAMANSVILLE
Type of site:	WELL	Date created:	02/03/1999
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		
Latitude dd:	40.3286111111		
Longitude dd:	-75.5386111111		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	12
Bedrock not:	0	Saltwaterz:	0
Date drilled:	10/01/1985	Pagwis id:	168655
Source site:	2	Local permit:	Not Reported
Latest owner:	167786	Driller sc:	0
Latest prod:	168768	Latest well:	170282
Site id:	PASI30000080353		

Casing Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	6
Casing code:	UNKNOWN		
Casing wall thickness:	Not Reported		
Conslink:	937	Casing counter:	401

Hole Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	120	Hole diameter:	6
Remarks:	Not Reported		
Conslink:	937	Hole counter:	94

AS171
East
1/2 - 1 Mile
Higher

PA WELLS SPAW0124124

Well ID:	3088N	County	MONTGOMERY
Owner's Name:	MACKEN B PLMG +	Longitude:	753219
Latitude:	401943	Lat/Long Accuracy:	ACCURATE TO +10 SECONDS
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	FLAT SURFACE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	97	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:	10-85
Static Water Level:	33	Production WL:	97
Yield (gpm):	15	Yield Measurement Method:	V
Drawdown:	64	Test Time:	0.5
Bedrock:	12	Driller:	188
Water Bearing Zone 1:	30	Water Bearing Zone 2:	35
Water Bearing Zone 3:	63	Lithology:	OTHER
Municipality:	NEW HANOVER	Remark:	ROCK TYPE SANDY TRAPP ROCK;
Aquifer:	BRUNSWICK FORMATION		

AR172
NW
1/2 - 1 Mile
Lower

PA WELLS SPAW0124495

Well ID:	5464N	County	MONTGOMERY
Owner's Name:	C & C HOMES	Longitude:	753412
Latitude:	402022	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	SASSAMANSVILLE	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	420	Casing1 Diameter(inches):	6
Casing 1:	40	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	11-90
Grouted:	Not Reported	Production WL:	420
Static Water Level:	40	Yield Measurement Method:	E
Yield (gpm):	8	Test Time:	0.75
Drawdown:	Not Reported	Driller:	982
Bedrock:	20	Water Bearing Zone 2:	360
Water Bearing Zone 1:	240	Lithology:	SHALE
Water Bearing Zone 3:	400	Remark:	Not Reported
Municipality:	NEW HANOVER		
Aquifer:	BRUNSWICK FORMATION		

AR173
NW
1/2 - 1 Mile
Lower

PA WELLS PASI30000082301

Dep counter:	0	Siteid:	Not Reported
Transactio:	0	Local welln:	5464N
County:	MONTGOMERY	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	231BRCK
Topography:	HILLSIDE	Well depth:	420
Elevation:	0		
Elev method:	Not Reported	Hydrologic:	02040203
Accuracy of elev:	Not Reported	Quad code:	SASSAMANSVILLE
Latlong acc:	ACCURATE TO +1 MINUTE	Date created:	02/03/1999
Type of site:	WELL		
Date updated:	02/04/1999		
Data Reliability:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
Source Depth Data:	DRILLER'S RECORD		
Municipality:	NEW HANOVER TWP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	40.3394444444		
Longitude dd:	-75.57		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	20
Bedrock not:	0	Saltwaterz:	0
Date drilled:	11/01/1990	Pagwis id:	169026
Source site:	2	Local permit:	Not Reported
Latest owner:	168157	Driller sc:	0
Latest prod:	169139	Latest well:	170652
Site id:	PASI30000082301		

Casing Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum casing:	1	Top of casing:	0
Bottom of casing:	Not Reported	Casing diameter:	6
Casing code:	UNKNOWN		
Casing wall thickness:	Not Reported		
Conslink:	937	Casing counter:	401

Hole Information:			
Transaction counter:	1	Parent seqnum consubrec:	1
Recnum hole subrec:	1	Top of hole:	0
Bottom of hole:	120	Hole diameter:	6
Remarks:	Not Reported		
Conslink:	937	Hole counter:	94

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
NNE
1/2 - 1 Mile

OIL_GAS PAOG30000014271

Organizati:	NORTH CTL OIL CORP		
Client nam:	NORTH CTL OIL CORP		
Site name:	PARESTIS 1 WELL		
Primary fa:	PARESTIS 1		
Client id:	79556		
Primary 1:	173715		
Sub facili:	PARESTIS 1		
Sub faci 1:	129937		
Primary 2:	OIL & GAS LOCATION	Primary 3:	NONCOAL
Other faci:	091-20001	Sub faci 2:	WELL
Sother fid:	091-20001	Client rel:	Owner
Site status:	INACTIVE		
Primary 4:	PLUGGED OG WELL		
Sub faci 3:	INACTIVE		
Compliance:	YES		
Site id:	PAOG30000014271		

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
18074	548	0.1	67.4	4.1

EPA Region 3 Statistical Summary Readings for Zip Code: 18074

Number of sites tested: 113.

Maximum Radon Level: 38.2 pCi/L.

Minimum Radon Level: 0.2 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
80 (70.80%)	28 (24.78%)	4 (3.54%)	1 (0.88%)	0 (0.00%)	0 (0.00%)

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 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

Pennsylvania Public Water Supply Wells

Source: Pennsylvania Department of Environmental Resources Bureau of Water Supply

Telephone: 717-787-5017

Pennsylvania Groundwater Information System

Source: Department of Conservation and Natural Resources

Telephone: 717-702-2045

OTHER STATE DATABASE INFORMATION

Pennsylvania Oil and Gas Locations

Source: Pennsylvania Department of Environmental Protection

Telephone: 814-863-0104

An Oil and Gas Location is a DEP primary facility type related to the Oil & Gas Program. The sub-facility types related to Oil and Gas that are included in this layer are: Land Application -- An area where drilling cuttings or waste are disposed by land application; Well-- A well associated with oil and/or gas production; Pit -- An approved pit that is used for storage of oil and gas well fluids. Some sub facility types are not included in this layer due to security policies.

RADON

State Database: PA Radon

Source: Department of Environmental Protection

Telephone: 717-783-3594

Radon Test Results Statistics by Zip Code

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Region 3 Statistical Summary Readings

Source: Region 3 EPA

Telephone: 215-814-2082

Radon readings for Delaware, D.C., Maryland, Pennsylvania, Virginia and West Virginia.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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