



PHASE I ENVIRONMENTAL SITE ASSESSMENT

**HERR PROPERTY
LANCASTER COUNTY PROPERTY IDENTIFICATION NUMBER
4107075300000**

**LOCATED IN,

MANOR TOWNSHIP
LANCASTER COUNTY
PENNSYLVANIA**

Prepared For:

**Penn Manor School District
2950 Charlestown Road
Lancaster, PA 17603**

EEI Project No. 24182.00

September 21, 2010

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ENVIRONMENTAL DATABASE REPORT

1.0 EXECUTIVE SUMMARY

Earth Engineering, Incorporated (EEI) has been contracted to perform a Phase I Environmental Site Assessment (ESA) by Penn Manor School District for the property referenced as the Herr Property located in Manor Township, Lancaster County, Pennsylvania. The Lancaster County Property Identification Number for the parcel is 4107075300000. The findings of this investigation are:

- The surrounding properties are predominantly agricultural and residential.
- The subject property is currently and has been historically used for agricultural purposes for at least 70 years.
- Pesticides and/or herbicides may have been utilized on the subject property in the past during farming activities. This represents a Recognized Environmental Condition (REC).
- Based on historical aerial photographs and an interview with the current owner, no structures are known to have been present on the subject property for at least 70 years.
- A search of state, federal and local environmental records revealed no findings for the subject property or surrounding properties.
- Several electrical transformers are located along Charlestown Road. The transformers were all observed to be in generally good condition with no indication of any releases. Therefore, it is EEI's opinion that they have likely not adversely impacted the subject property.

The above findings were analyzed, with respect to their potential to adversely impact the subject property, and with the exception of the one (1) noted REC, none of the findings were determined to have impacted the property.

2.0 INTRODUCTION

2.1 Purpose

Earth Engineering, Incorporated (EEI), was contracted by Penn Manor School District to perform a Phase I Environmental Site Assessment on the subject property for the purpose of identifying potential environmental conditions on the subject property and assessing the risk any identified conditions represent. This assessment was conducted in accordance with ASTM 1527-05, which has been determined to meet the requirements of All Appropriate Inquiry as put forth by the USEPA.

2.2 Detailed Scope of Services

The Scope of Work for this project included a site reconnaissance, during which, the subject property was inspected by an environmental professional looking for any indications of a release or threatened release to the subject property, a review of the federal, state, and local databases for any information which may represent an environmental liability on the subject property, obtaining and reviewing historical documents including, historical aerial photographs, historical topographic maps, Sanborn fire insurance maps, city directory information, deed references, and lien records. The information collected during the research phase of the project has been analyzed and documented. Conclusions and opinions of an environmental professional are also presented in this report.

2.3 Significant Assumptions

There were no significant assumptions made during this investigation.

2.4 Limitations and Exceptions

The data and conclusions contained in this report are based upon available information obtained for the site and observations made in the field. Discrepancies or inaccuracies regarding any data provided are not the responsibility of EEI. EEI further assumes no responsibility or liability for environmentally hazardous materials, which are the responsibility of the site owners, adjacent property owners, or other persons or entities. It is the professional opinion of EEI that the results and conclusions presented in this report are complete and accurate. However, EEI assumes no responsibility for the presence of any environmentally hazardous conditions, contaminated soils and/or groundwater, or additional materials that may be present on this site and/or adjacent sites either detected or undetected.

2.5 Special Terms and Conditions

None.

2.6 User Reliance

This report is intended to provide a professional service to Penn Manor School District and is intended to present a professional opinion regarding the specific 44.2 acre parcel, referenced as the Herr Property, and having Lancaster County Property Identification Number (PIN) 4107075300000, located in Manor Township, Lancaster County, Pennsylvania.

3.0 SITE DESCRIPTION

3.1 Locations and Description

The subject property consists of a roughly rectangular parcel of land that is approximately 44.2 acres in size. The subject property is situated west of the intersection of Charlestown Road and Ironstone Road in Manor Township, Lancaster County, Pennsylvania. A reference latitude and longitude for the property is 40° 0' 58.0" and 76° 23' 20.0", respectively. Plate 1, included in the Appendix of this report, shows the subject property on a topographic map of the area.

Charlestown Road forms the northern border of the site and the grounds of Manor Middle School borders the subject property to the east. The property is also bordered to the east by the John Herr community park. Agricultural and residential properties form the southern and western borders of the site.

The topography of the subject property slopes generally downward from the north, east and south towards the western and central portions of the site. Based on the topographic contours depicted on the Parcel Location Plan, which is included in the Appendix of this report, approximately 55 feet of relief exists across the subject property.

3.2 Site and Vicinity General Characteristics

The subject property is situated within an area of primarily residential and agricultural properties.

3.3 Current Use of the Property

The subject property is currently utilized for agricultural purposes and is covered with mature corn and soybean plants in various stages of harvest.

3.4 Descriptions of Structure, Roads, Other Improvements on the Site

There are no structures present on the subject property. A grass covered swale, which enters the parcel from the west, provides drainage from the central tree-lined portion of the property.

3.5 Current Uses of the Adjoining Properties

The adjoining properties to the north, south and west are utilized as residences and for agricultural purposes. A school building and associated parking and play areas are located east of the property. A community park, John Herr Park, is also located east of the subject property.

4.0 USER PROVIDED INFORMATION

4.1 Title Records

An electronic search of Lancaster County deeds revealed that the current owner of record for the subject property is Christian Willis Herr II, whom has held title to the property since 1998. Christian Willis Herr II gained title to the property from John Girvin Herr on February 5, 1998. This transaction was recorded on February 27, 1998 in Lancaster County Deed Book 5635, on Page 227. John Girvin Herr obtained title to the property on June 5, 1958 from Girvin Herr, Robert C. Herr and John Girvin Herr. This transaction was recorded on the same date in Lancaster County Deed Book I, Volume 46, Page 332.

4.2 Environmental Liens of Activity and Use Limitations

No environmental liens or use limitations were discovered, or reported, during this assessment.

4.3 Specialized Knowledge

None reported.

4.4 Commonly Known or Reasonably Ascertainable Information

It is commonly known that the property has been utilized for agriculture for at least 70 years

4.5 Valuation Reduction for Environmental Issues

There are no reductions due to environmental conditions on the property reported.

5.0 RECORDS REVIEW

5.1 Standard Environmental Record Sources

An Environmental Data Resources, Inc. (EDR) database report was ordered for review of the federal, state, and local records within the specified radii of the subject property.

5.1.1 Subject Property

The subject property was not listed on any of the databases searched.

5.1.2 Surrounding Properties

No mapped findings were returned for parcels surrounding the subject property.

Three (3) facilities, denoted as "Orphan" facilities, were identified with inadequate address or location information included in the database. These facilities and the records were reviewed and it was determined that none are a recognized environmental concern on the subject property. A copy of the Environmental Data Resources report is included in the Appendix of this report.

5.2 Additional Environmental Record Sources

None.

5.3 Physical Setting Source

The subject property physical setting sources for this property are:

- Columbia East 7.5 Minute USGS Topographic Quadrangle
- United States, Department of the Interior, Geological Survey, Columbia East Quadrangle, Photorevised 1987
- EDR Geocheck Physical Setting Source Summary 2010
- Pennsylvania Geological Survey, Engineering Characteristics of The Rocks of Pennsylvania, Fourth Series, Revised 1982

5.3.1 Soil

According to the Geocheck Physical Source Summary the soils present on the subject property are part of the Duffield, Conestoga, Chester and Clarksburg soil groups. All of the soils are described as being silt loams with moderate infiltration rates with the exception of the Clarksburg group which is described as having a slow infiltration rate.

5.3.2 Geology

According to the Pennsylvania Geological Survey, *Atlas of Preliminary Geologic Quadrangle Maps of Pennsylvania*, 1980, Columbia East Quadrangle, the subject property is underlain by the Cambrian Period Conestoga Formation (Geologic Symbol - OCc). Plate 2, included in the Appendix, shows the location of the site on a geologic map of the area.

As noted in the Pennsylvania Geological Survey, *Engineering Characteristics of The Rocks of Pennsylvania*, Fourth Series, Revised 1982, the rocks in this formation are typically composed of impure limestone having black, graphitic shale partings which is conglomeritic at the base.

It is noted that the limestone of the Conestoga Formation is a carbonate rock. Carbonate rock is susceptible to dissolution when exposed to water, particularly slightly acidic water. The term Karst topography is used to reference a landscape resulting from surface and underground solution of carbonate rock. Some features commonly associated with Karst topography are very soft and moist soil conditions, sinkholes, and voids within the bedrock.

The EDR Geocheck Physical Setting Source Addendum and USGS Columbia East 7.5' topographic quadrangle, indicate that the property lies at an elevation of approximately 360 feet to 400 feet above sea level. The slope in the area is generally to west.

5.4 Historical Use Information on the Property

EEI searched for historical information to identify the prior uses of the subject property such as Sanborn Fire Insurance Maps, city directory information and, historical aerial photographs. Sanborn Fire Insurance Maps and city directory information was unavailable for the area of the subject property. Aerial photographs obtained from the Pennsylvania Topographic and Geologic Survey library in Middletown, Pennsylvania and the website <http://www.pennpilot.psu.edu/> were reviewed for changes in topography and the possible presence of any development in the immediate area of the project site. The years analyzed include 1940, 1947, 1958, 1964, 1971, 1978 and 2005. A summary of the findings are included below.

- 1940 - The subject property appears to be segmented farmland. There is one farmhouse located directly to the east-southeast of the property. A small tree line is found along the center of the property. The majority of the neighboring properties are residential and agricultural with associated farm buildings.
- 1947 and 1958 - The subject property has little significant change from previous photos.
- 1964 - The subject property has little significant change from previous photos. Some residential construction has begun far to the east of the subject property.
- 1971 and 1978 – The subject property has little significant change from previous photos.
- 2005 – The subject property appears the same as the 1978 photograph. The residences on Abilene Lane and Manor Middle School were constructed prior to the 2005 photograph.

The review of the aerial photographs indicates that the site was primarily farmland up to the present day. Residential development in the surrounding areas and adjacent to the property, has been increasing since 1964. Manor Middle School was constructed prior to the 2005 photograph.

6.0 SITE RECONNAISSANCE

The subject property was visited by a representative of EEI on September 15, 2010 to visually inspect the subject property for indications of recognized environmental conditions.

6.1 Methodology and Limiting Conditions

The subject property was visually inspected for general conditions, indications of dumping, development, material storage, structures such as transformers or tanks and staining or odors. The weather was clear with no factors inhibiting visibility.

6.2 General Site Setting

The Herr Property is a roughly rectangular-shaped, 44.2 acre parcel located along Charlestown Road in Manor Township, Lancaster County, Pennsylvania. The subject property has a total relief of approximately 55 feet, sloping generally from east to west and toward the center from the north and south.

At the time of the site reconnaissance the subject property was currently being used for agricultural purposes. The majority of the site is mature corn, in stages of harvest, with soybean fields located on the southern portion of the property. There is a central swale or intermittent stream that is lined with brush and trees. Within the swale are rocks and boulders, that were most likely removed from the fields during farming activities.

A line of telephone poles are noted to be present along Charlestown Road. Several transformers are present on the poles and were noted to be in good shape and there were no signs of fluid leaking from them. Also, there were no signs of distressed vegetation in the vicinity of the transformers.

An inspection of the residential buildings to the southwest showed that the buildings were on public sewer and water, and electric overhead lines were not visible.

Manor Middle School to the east is served by public sewer, and electric, with natural gas heat for the boiler system.

6.3 Interior Observations

There are no structures present on the subject property.

7.0 INTERVIEWS

7.1 Interview with Owner

EEl contacted the owner of the property, Mr. Willis Herr, by telephone on September 20, 2010. Mr. Herr indicated that to his knowledge, the subject property has been in his family for over 100 years and that it has been utilized for agriculture for over 150 years. Mr. Herr indicated that at the present time the property is being leased and a neighbor is farming the property. Mr. Herr also indicated that pesticides and/or herbicides may have been utilized on the property during normal farming practices. When asked about possible historical presence of structures on the property, Mr. Herr indicated that the property has not contained structures for at least 70 years. Mr. Herr also indicated that during the past 70 years, no household trash had been dumped on the property.

7.2 Interview with Site Manager

Not applicable.

7.3 Interviews with Occupants

Not applicable.

7.4 Interview with Others

EEl's contact for access to the subject property was Mr. Dennis Coleman, Penn Manor School District's *Director of Buildings and Grounds*. According to Mr. Coleman, the subject property is being purchased as a future expansion area for the school district. The title and land records are currently being reviewed as apart of the land purchase. The property is currently being purchased at fair market value according to two (2) separate land assessments. He supplied information to locate the current owner Mr. Willis Herr, who was a board member of the school district. The land is currently being farmed by a neighbor, Mr. Cliff Charles. Mr. Coleman described the farming activity as being conducted as normal agricultural processes.

7.4 Interviews with Local Government Officials

EEI contacted, via regular mail, the Washington Boro Fire Company for HAZMAT records, citations, violations, special use permits, or any other records that may indicate a recognized environmental concern. As of the time of publication of this report, a response had not been received from the fire company regarding the subject property. If the response received effects the conclusions of this report, an addendum will be published under separate cover.

8.0 FINDINGS

- The surrounding properties are predominantly agricultural and residential.
- The subject property is currently and has been historically used for agricultural purposes for at least 70 years.
- Pesticides and/or herbicides may have been utilized on the subject property in the past during farming activities. This represents a Recognized Environmental Condition (REC).
- Based on historical aerial photographs and an interview with the current owner, no structures are known to have been present on the subject property for at least 70 years.
- A search of state and federal environmental records revealed no findings for the subject property or surrounding properties.
- Several electrical transformers are located along Charlestown Road. The transformers were all observed to be in generally good condition with no indication of any releases.

9.0 OPINION

The subject property, referenced as the Herr Property (Lancaster County PIN 4107075300000), located in Manor Township, Lancaster County, Pennsylvania, has been subjected to a Phase I Environmental Site Assessment. During the Phase I ESA process two (2) potential Recognized Environmental Conditions (REC) were noted. They are the following:

- Several electrical transformers are located along Charlestown Road that provide service to surrounding properties. The transformers were all observed to be in generally good condition with no indication of any releases. Therefore, it is EEI's opinion that they have not adversely impacted the subject property.
- The subject property has been utilized for agriculture for at least 70 years and may have had pesticides and/or herbicides applied to the crops. Therefore, it is in the opinion of EEI that the use of the property for agriculture represents a *recognized environmental condition*.

10.0 CONCLUSIONS

EEl has performed an investigation of the subject property in accordance with All Appropriate Inquiry subject to the conditions specified in Section 2.4 Limitations and Exceptions, Section 2.5 Special Terms and Conditions, Section 6.1 Methodology and Limiting Conditions, Section 11 Deviations, and Section 12 Additional Services. Based upon the findings of the Environmental Site Assessment, the property referenced as the Herr Property (Lancaster County PIN 4107075300000) located in Manor Township, Lancaster County, Pennsylvania, has revealed has revealed one (1) REC in connection with the property, the use of the property for agriculture.

11.0 DEVIATIONS

EEI attempted to interview the local fire company, but has not received any response from this organization. Should there be information forthcoming, which affects the findings and conclusions of this report, an addendum will be forwarded under separate cover.

12.0 ADDITIONAL SERVICES

None.

13.0 REFERENCES

40 CFR Part 312 United States Environmental Protection Agency, 2005.

ASTM 1527-05 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, 2005, American Society for Testing and Materials.

www.pennpilot.com

Pennsylvania Geologic Survey, *Atlas of Preliminary Geologic Quadrangle Maps of Pennsylvania, Columbia East Quadrangle*, 1975.

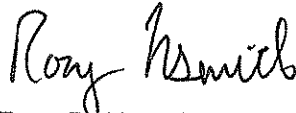
Pennsylvania Geologic Survey, *Engineering Characteristics of The Rocks of Pennsylvania*, Fourth Series, Revised 1982.

EDR Geocheck Physical Setting Source Summary, 2010.

14.0 SIGNATURES

This report is intended to provide a professional service to Penn Manor School District and is intended to present a professional opinion regarding the subject property known as the Herr Property (Lancaster County PIN 4107075300000), located in Manor Township, Lancaster County, Pennsylvania.

Respectfully submitted,
EARTH ENGINEERING, INCORPORATED



Rory D. Nesmith
Project Manager



Jennifer A. Potter, P.G.
Project Manager

15.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Personnel involved in the preparation of this report:

Rory D. Nesmith, Environmental Scientist/Project Manager, Earth Engineering, Incorporated.

Education: B.S. Geo-Environmental Studies- 1999 Shippensburg University, Shippensburg, Pennsylvania.

Experience: Since 2001, Mr. Nesmith has been working in the environmental and geotechnical consulting industry. His experience has included Phase I and Phase II Site Assessments.

Statement of Qualifications:

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 CFR Part 312.10.

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Jennifer A. Potter, P.G./Project Manager, Earth Engineering, Incorporated.

Education: B.S. Geology – 2000 – Juniata College, Huntingdon, Pennsylvania.

Experience: Since 2000, Ms. Potter has been working in the Geotechnical and Environmental consulting industry. Her experience has included Phase I and Phase II Site Assessments including preliminary assessment, consulting, soil and groundwater sampling and final reporting.

Statement of Qualifications:

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 CFR Part 312.10.

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

APPENDIX

SITE LOCATION MAP

PARCEL LOCATION PLAN

SITE GEOLOGIC MAP

SITE PHOTOGRAPHS

HISTORICAL AERIAL PHOTOGRAPHS

ENVIRONMENTAL DATABASE REPORT

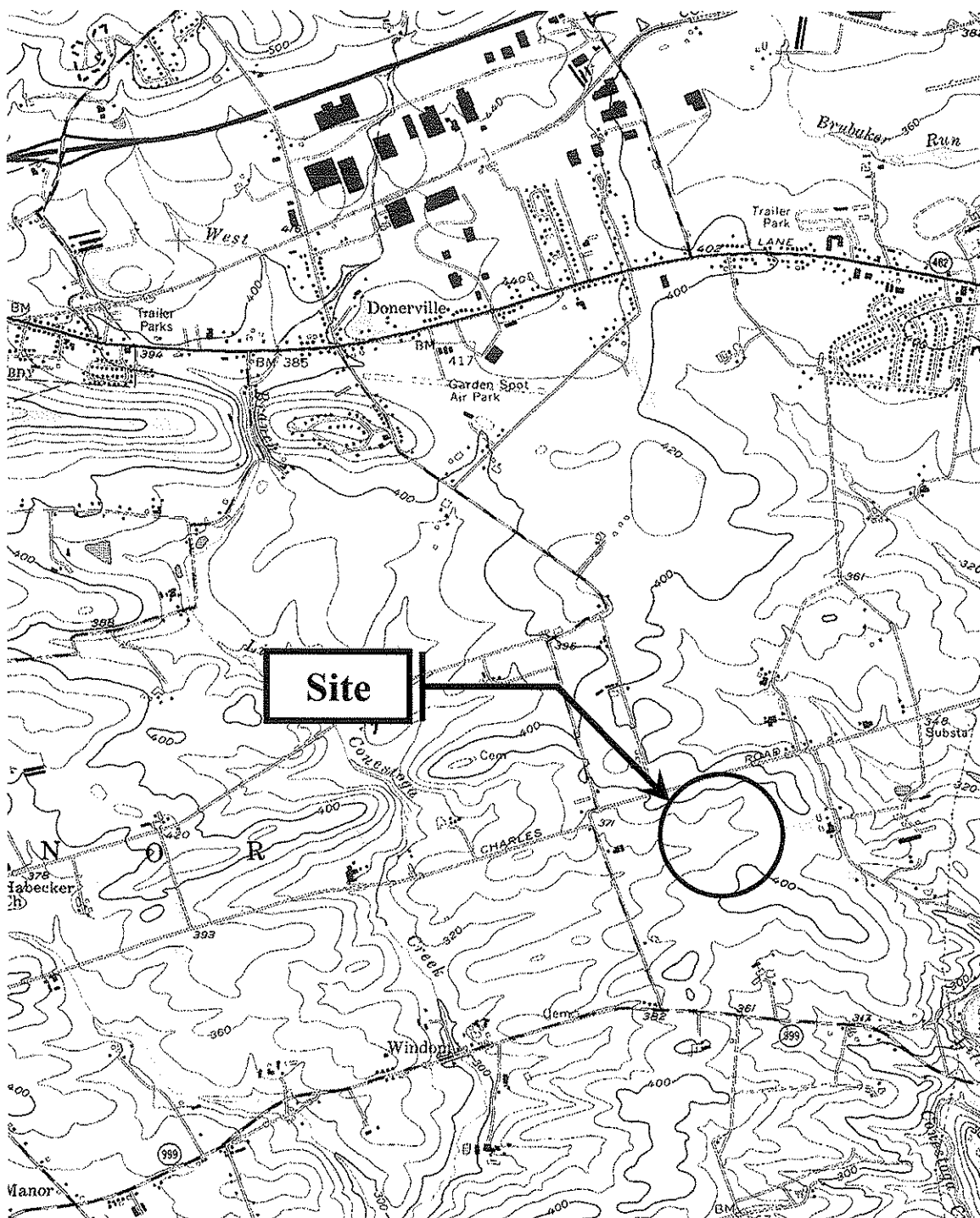
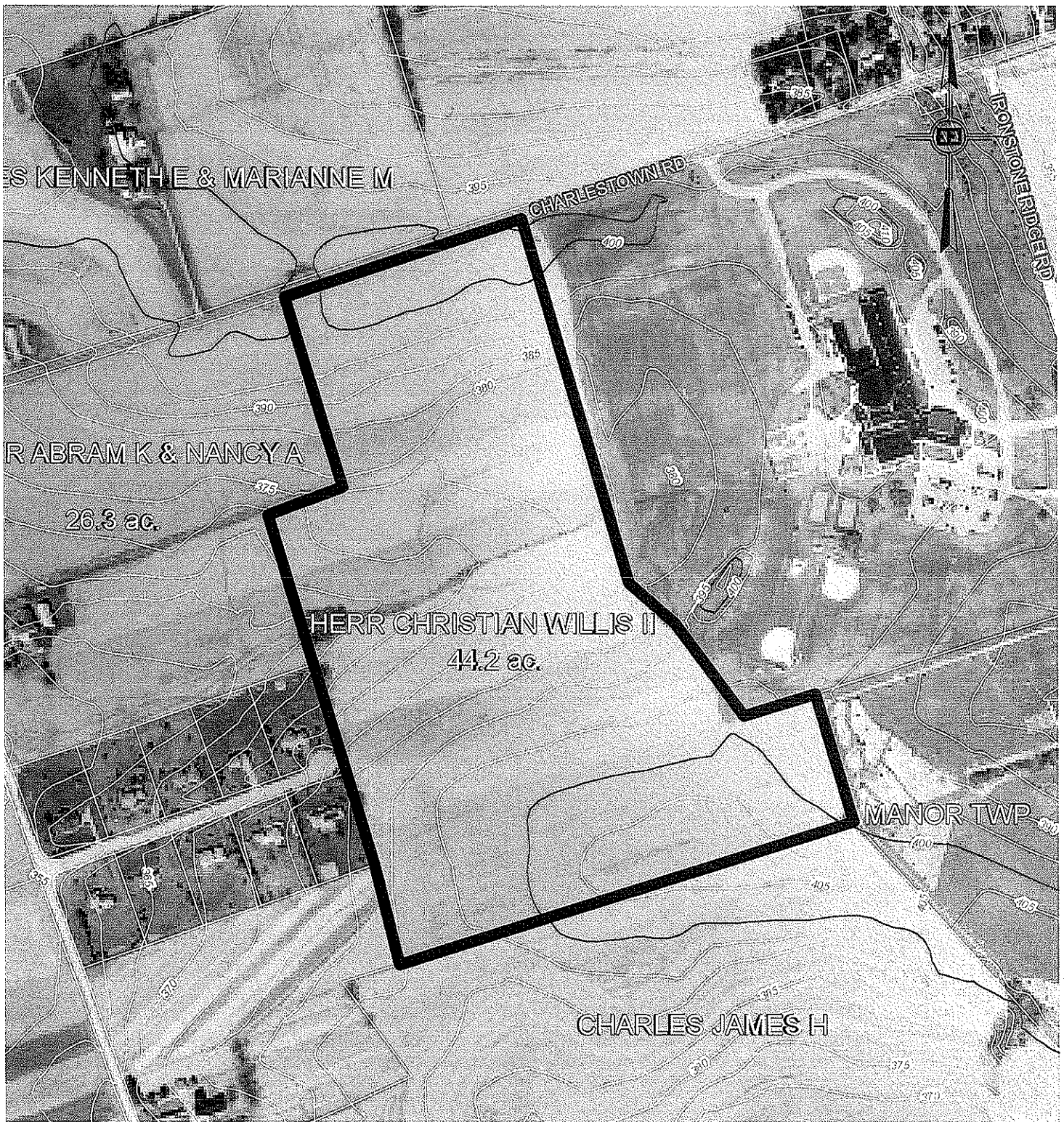


PLATE 1 – TOPOGRAPHIC MAP OF SITE

Reprinted from the United States Department of the Interior Geological Survey,
Topographic Maps of Pennsylvania, Columbia East, PA Quadrangle, Photorevised 1987.



KEY:

— INDICATES PROPERTY BOUNDARY

BASE PLAN PROVIDED BY: DERCK & EDSON, ASSOCIATES

PARCEL LOCATION PLAN



**EARTH
ENGINEERING
INCORPORATED**

Geotechnical Engineers & Geologists

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PREPARED FOR

HERR PROPERTY - ENVIRONMENTAL SITE ASSESMENT

MANOR TOWNSHIP LANCASTER COUNTY PENNSYLVANIA

| | | | |
|--------------------------------|------------------|---------------|-----------------|
| Scale: N.T.S. | Date: 9/13/10 | Drawn By: RDN | Checked By: RJF |
| Drawing Number: 24182.00-A-101 | Approved By: RJF | | |

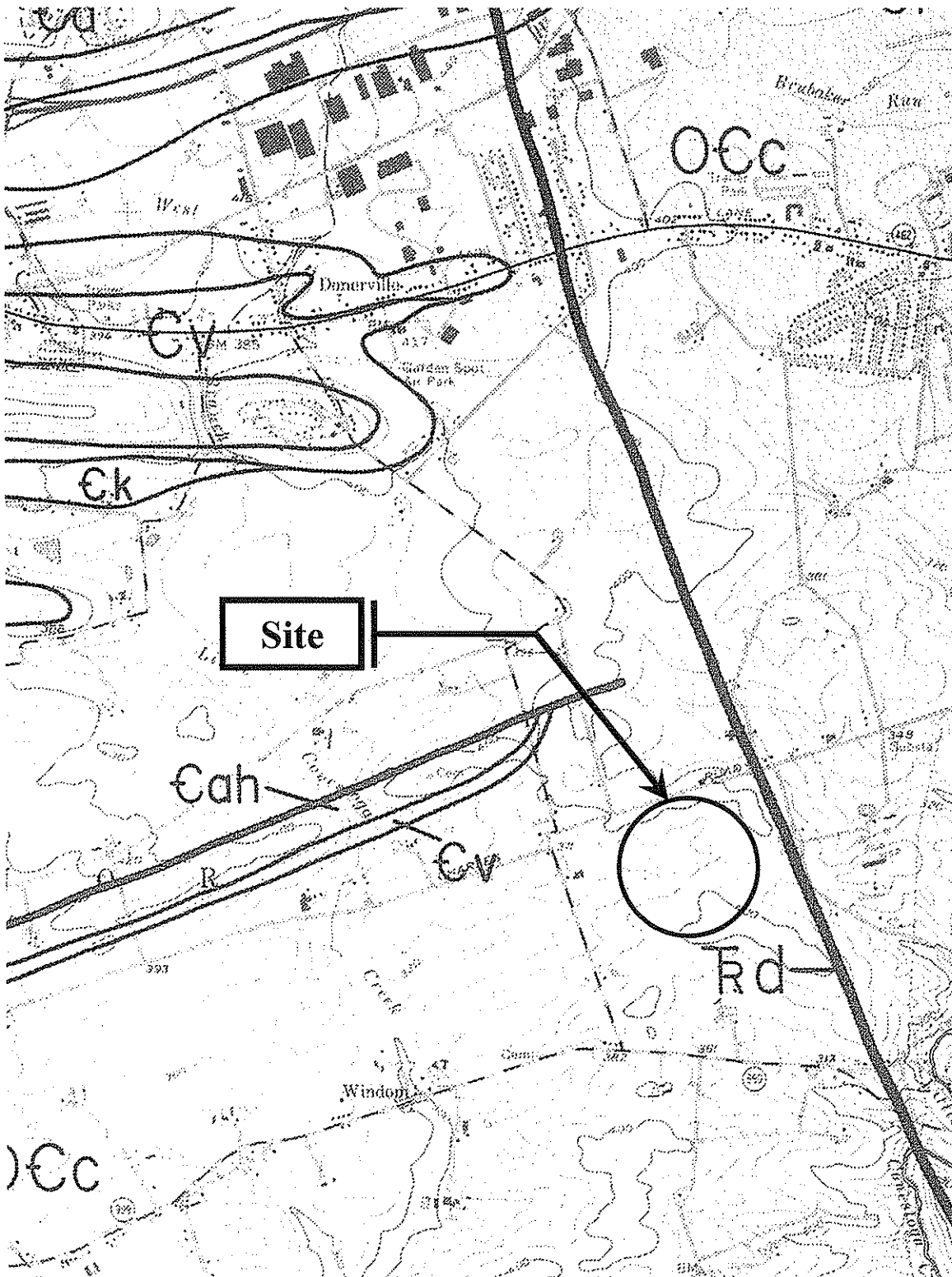


PLATE 2 - GEOLOGIC MAP OF SITE

Reprinted from the Pennsylvania Geological Survey, Atlas of Preliminary Geologic Quadrangle Maps of Pennsylvania, Columbia East Quadrangle, PA, 1975.



Photo 1:

Central portion of Subject Property, facing west from the adjacent Middle School.



Photo 2:

Facing southwest from the Middle School.



Photo 3:

Tree-lined swale located in central portion of Subject Property, facing west. Note inlet box is present on adjacent Middle School property.



Photo 4:

Central east location facing the north-west portion of property.



Photo 5:

Central area of Subject Property facing northwest toward Charlestown Road.



Photo 6:

Inside Central Swale area, note rock piles, trees and brush.



Photo 7:
Southwest corner of Abilene Lane facing east.



Photo 8:
Southwest corner from Abilene Lane, facing southeast.



Photo 9:

Southwester corner of Subject Property facing north towards Abilene Lane.



Photo 10:

Center of the southern Property line facing northeast toward Middle School.



Photo 11:
Southeastern corner of Subject Property facing west.

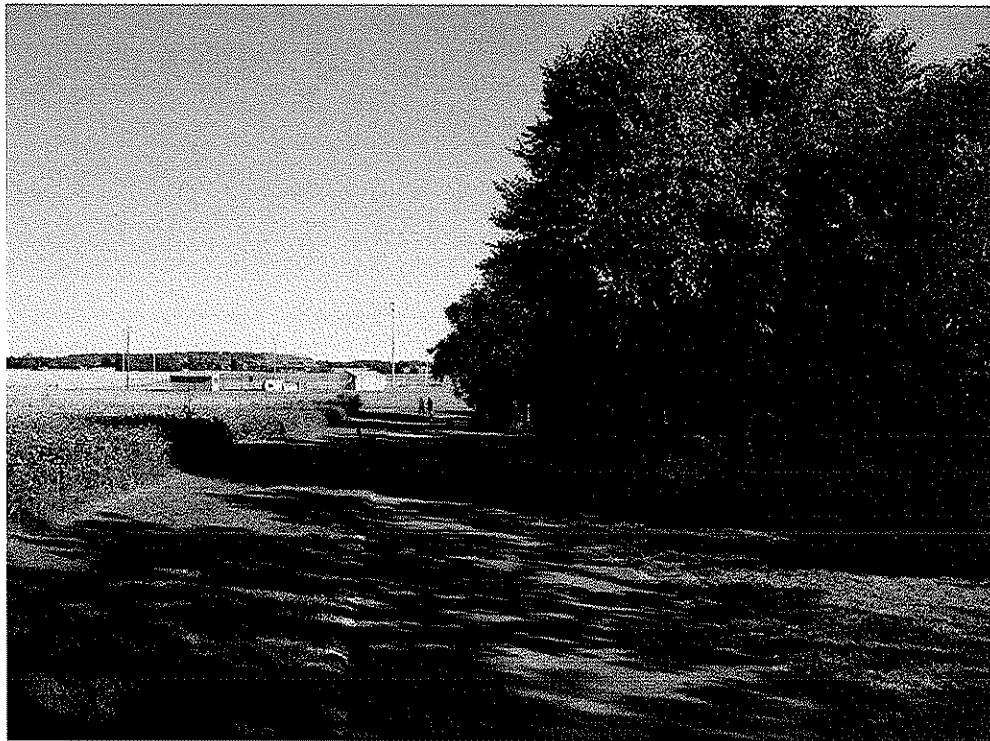


Photo 12:
Southeastern corner of Subject Property facing north along John Herr Park.

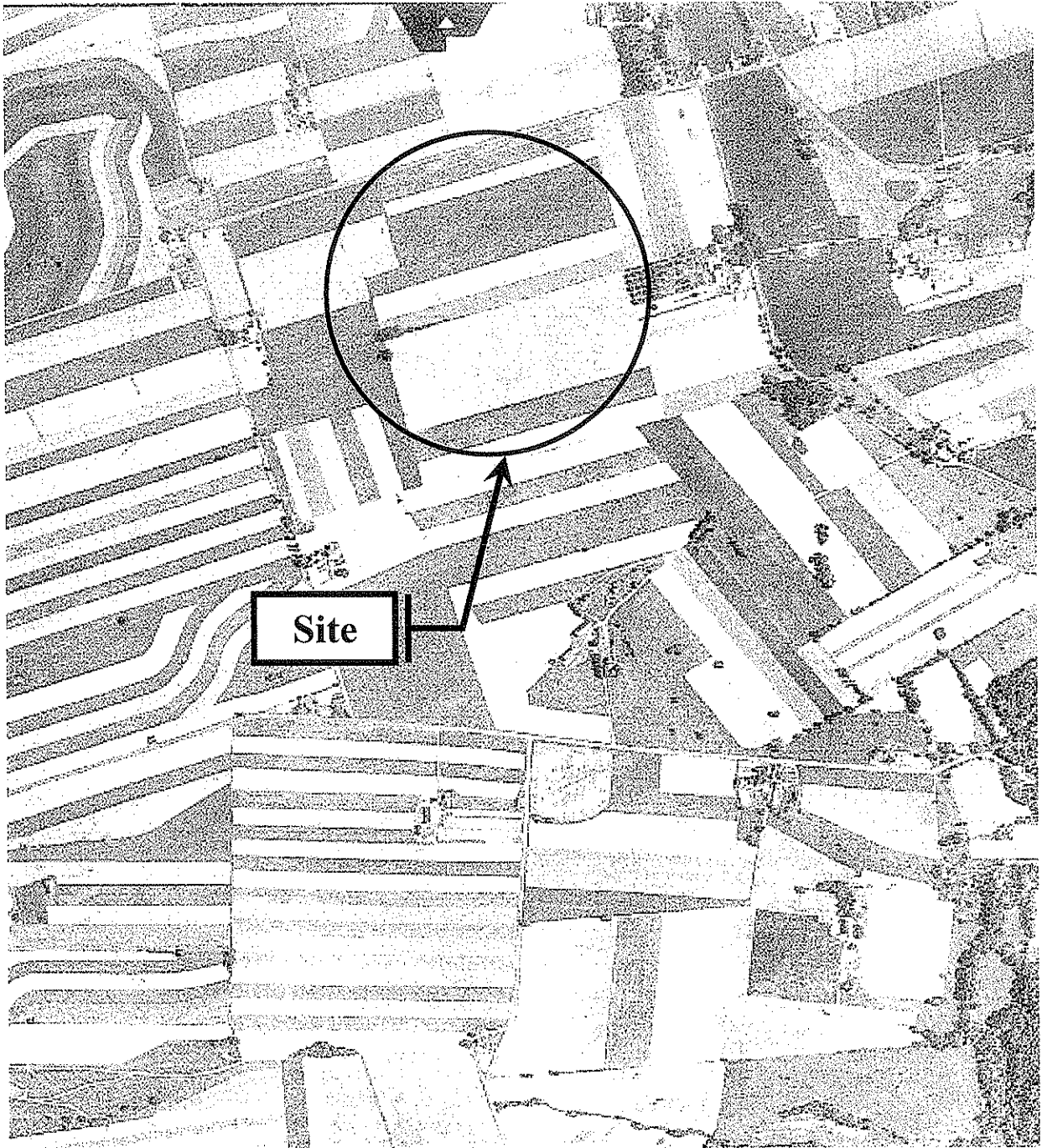


PLATE 5 - 1958 AERIAL PHOTOGRAPH OF SITE
As reprinted from the *DCNR Survey Library*
Swatara Township, Dauphin County, Harrisburg, PA

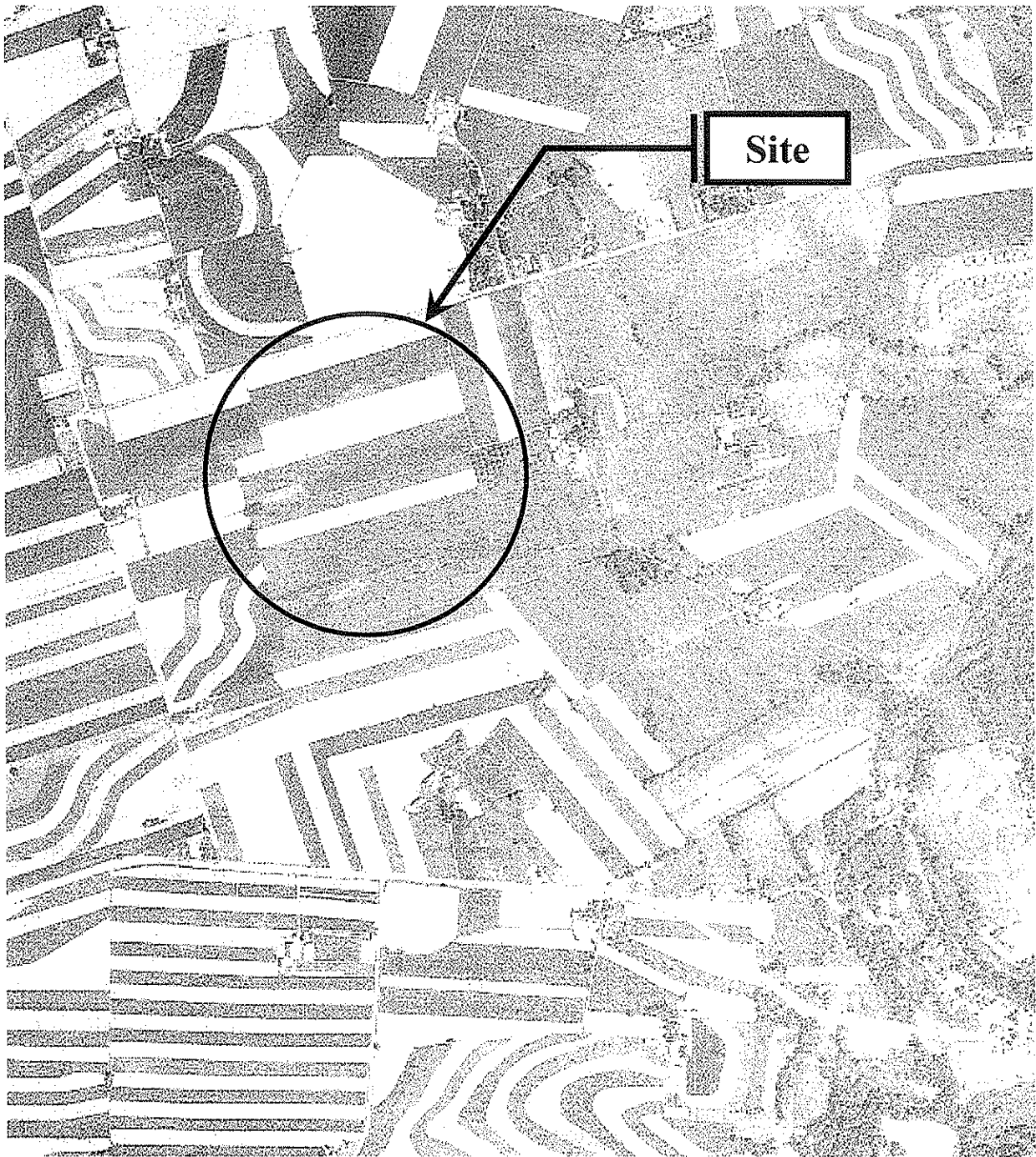


PLATE 6 - 1964 AERIAL PHOTOGRAPH OF SITE
As reprinted from the *DCNR Survey Library*
Swatara Township, Dauphin County, Harrisburg, PA

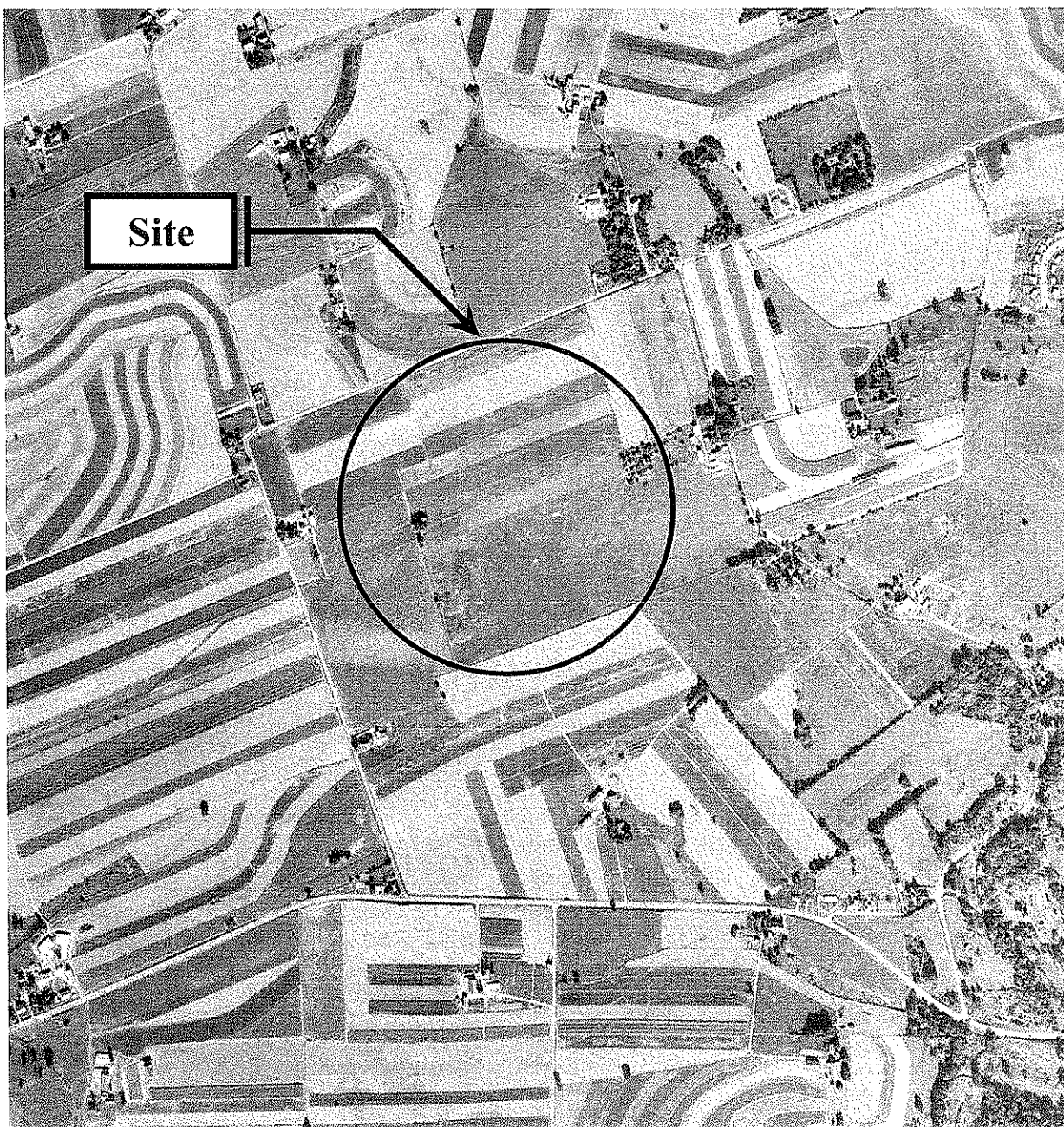


PLATE 7 - 1971 AERIAL PHOTOGRAPH OF THE SITE

As reprinted from the internet site www.pennpilot.psu.edu
Swatara Township, Dauphin County, Harrisburg, PA

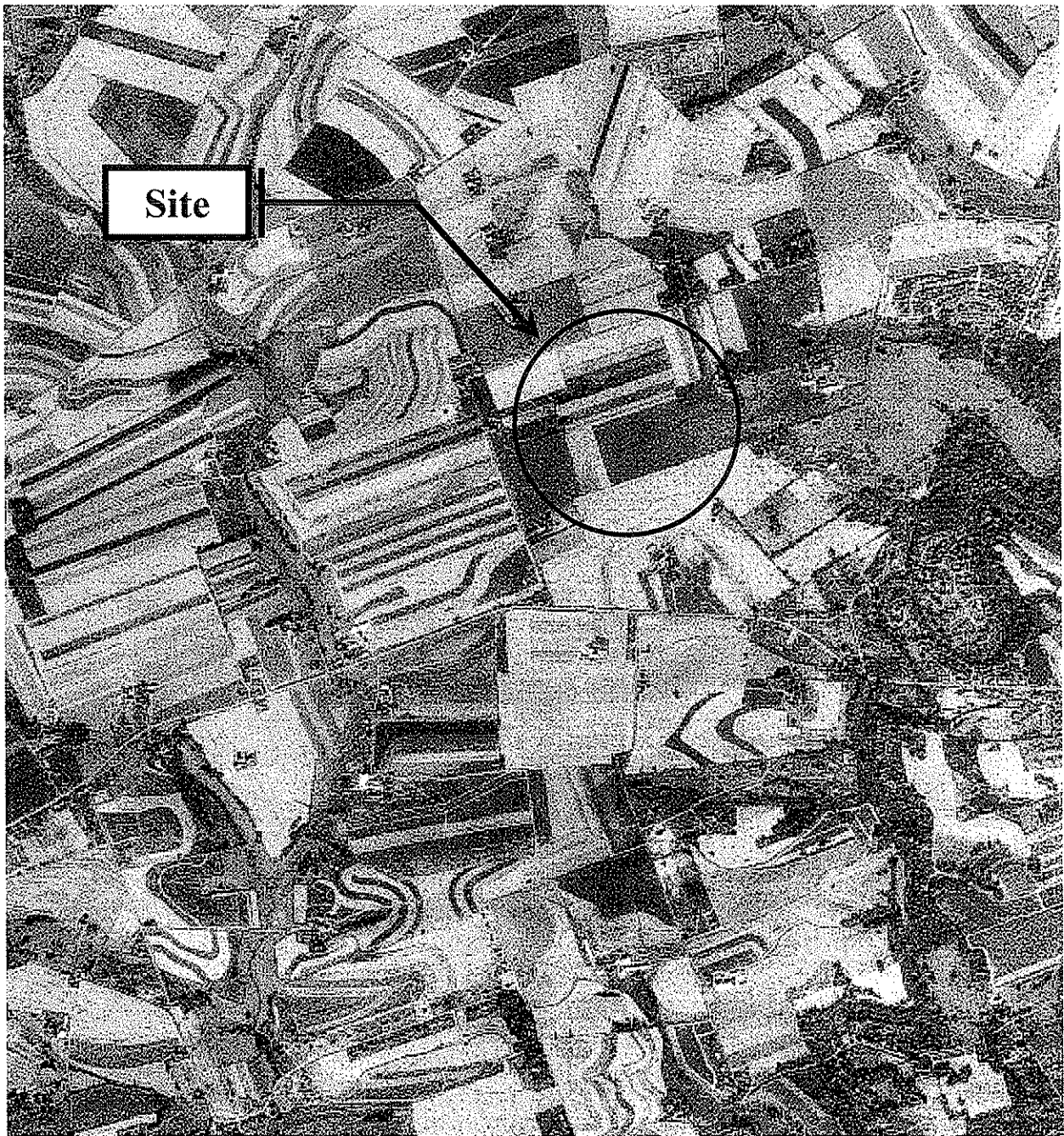


PLATE 8 - 1978 AERIAL PHOTOGRAPH OF SITE
As reprinted from the *DCNR Survey Library*
Swatara Township, Dauphin County, Harrisburg, PA

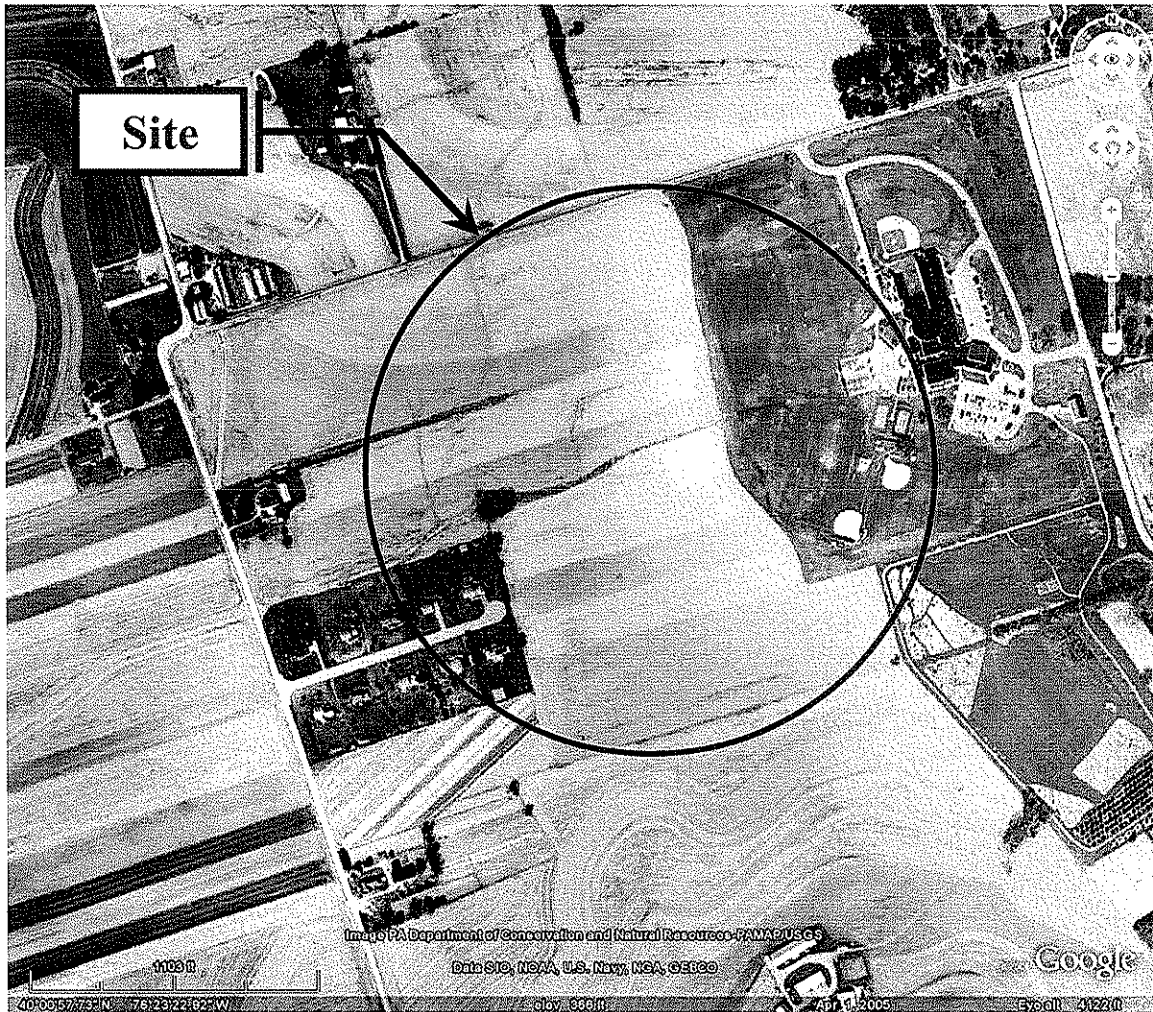


PLATE 9 - 2005 AERIAL PHOTOGRAPH OF SITE
As reprinted from the *Google Earth*

Herr Property

Charlestown Road/Ironstone Road
Lancaster, PA 17603

Inquiry Number: 02865426.2r
September 09, 2010

The EDR Radius Map™ Report with GeoCheck®



EDR® Environmental Data Resources Inc

440 Wheelers Farm Road
Millford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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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

CHARLESTOWN ROAD/IRONSTONE ROAD
LANCASTER, PA 17603

COORDINATES

| | |
|--------------------------------|---------------------------|
| Latitude (North): | 40.016100 - 40° 0' 58.0" |
| Longitude (West): | 76.388900 - 76° 23' 20.0" |
| Universal Transverse Mercator: | Zone 18 |
| UTM X (Meters): | 381466.6 |
| UTM Y (Meters): | 4430258.0 |
| Elevation: | 374 ft. above sea level |

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

| | |
|-----------------------|----------------------------|
| Target Property Map: | 40076-A4 COLUMBIA EAST, PA |
| Most Recent Revision: | 2000 |

AERIAL PHOTOGRAPHY IN THIS REPORT

| | |
|-------------------------|------------|
| Portions of Photo from: | 2005, 2008 |
| 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

LUST..... Storage Tank Release Sites
UNREG LTANKS..... Unregulated Tank Cases
LAST..... Storage Tank Release Sites
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 Sites
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

ODL..... 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 |
| 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 |
| COAL ASH DOE..... | Seam-Electric Plan Operation Data |
| PCB TRANSFORMER..... | PCB Transformer Registration Database |
| COAL ASH EPA..... | Coal Combustion Residues Surface Impoundments List |

EDR PROPRIETARY RECORDS

EDR Proprietary Records

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

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

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

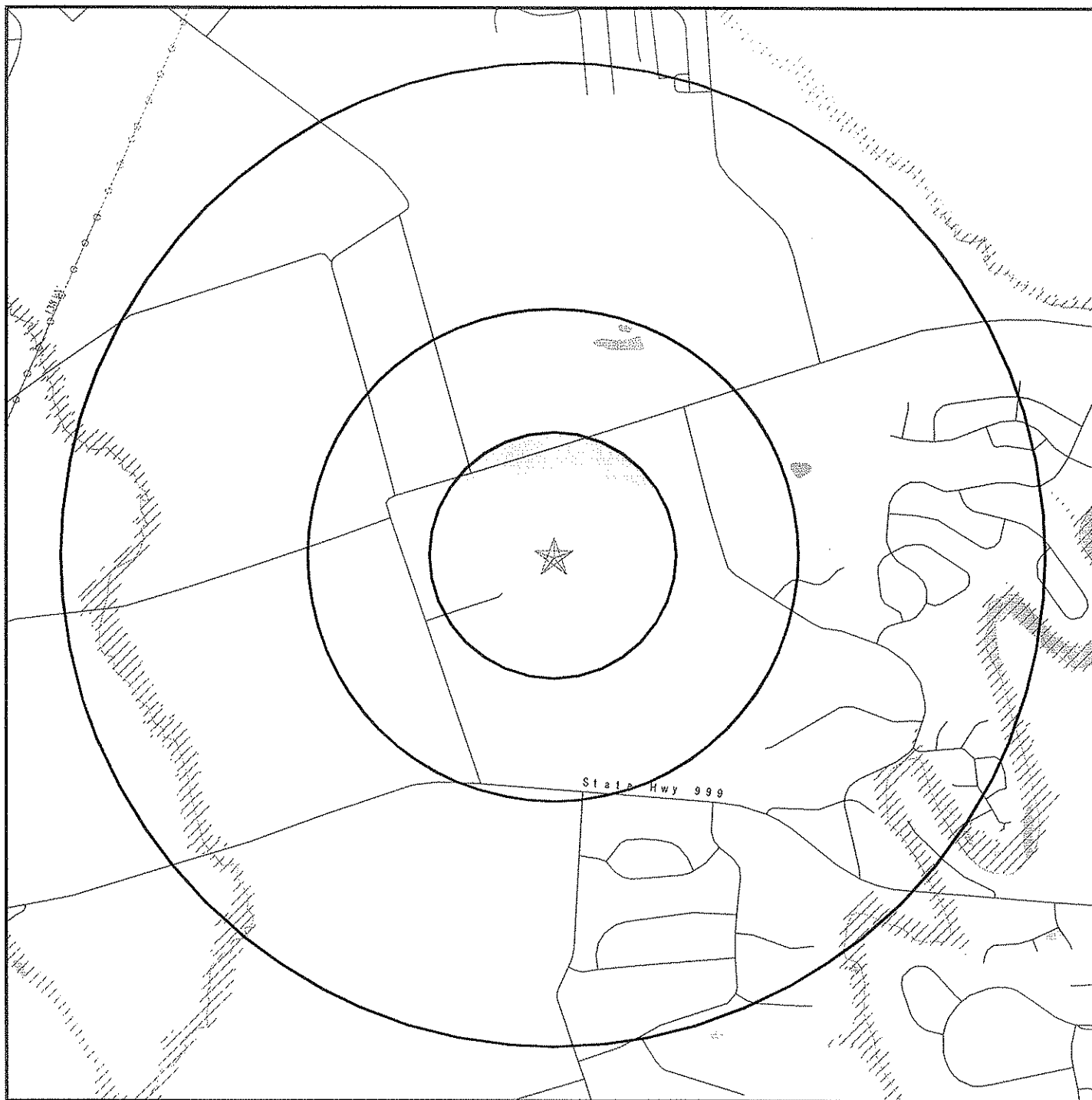
Site Name

CIRCLE CREEK CAMPGROUND
BLUE ROCK PUMP STA
RT 30 E

Database(s)

LUST
LUST
RCRA-SQG, FINDS

OVERVIEW MAP - 02865426.2r



★ 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

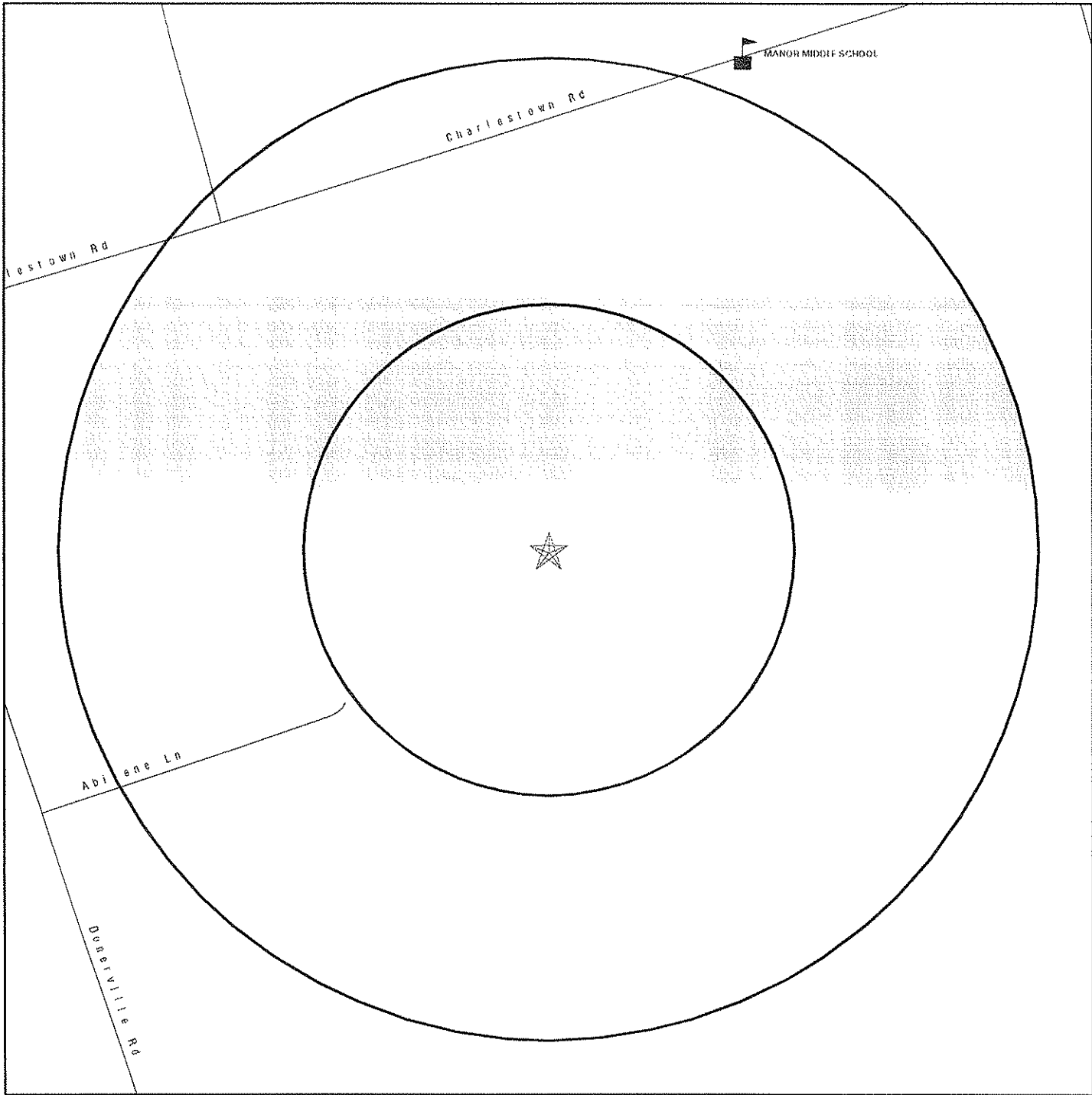
■ Indian Reservations BIA
 ~ Power transmission lines
 ~ Oil & Gas pipelines
 ■ 100-year flood zone
 ■ 500-year flood zone
 ■ National Wetland Inventory

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: Herr Property
 ADDRESS: Charlestown Road/Ironstone Road
 Lancaster PA 17603
 LAT/LONG: 40.0161 / 76.3889

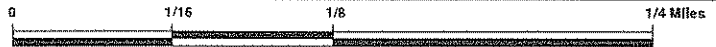
CLIENT: Earth Engineering Inc.
 CONTACT: Jennifer Potter
 INQUIRY #: 02865426.2r
 DATE: September 09, 2010 12:17 pm

DETAIL MAP - 02865426.2r



- ☆ 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
- ▨ 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: Herr Property
 ADDRESS: Charlestown Road/Ironstone Road
 Lancaster PA 17603
 LAT/LONG: 40.0161 / 76.3889

CLIENT: Earth Engineering Inc.
 CONTACT: Jennifer Potter
 INQUIRY #: 02865426.2r
 DATE: September 09, 2010 12:17 pm

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 | 0 | 0 | 0 | NR | NR | 0 |
| UNREG LTANKS | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| LAST | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| 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 |
|--|--------------------|-------------------------------|-------|-----------|-----------|---------|-----|------------------|
| State and tribal registered storage tank lists | | | | | | | | |
| UST | | 0.250 | 0 | 0 | NR | NR | NR | 0 |
| AST | | 0.250 | 0 | 0 | NR | NR | NR | 0 |
| INDIAN UST | | 0.250 | 0 | 0 | NR | NR | NR | 0 |
| FEMA UST | | 0.250 | 0 | 0 | NR | NR | NR | 0 |
| State and tribal institutional control / engineering control registries | | | | | | | | |
| ENG CONTROLS | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| INST CONTROL | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| AUL | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| State and tribal voluntary cleanup sites | | | | | | | | |
| VCP | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| INDIAN VCP | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| State and tribal Brownfields sites | | | | | | | | |
| BROWNFIELDS | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| <u>ADDITIONAL ENVIRONMENTAL RECORDS</u> | | | | | | | | |
| Local Brownfield lists | | | | | | | | |
| US BROWNFIELDS | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| Local Lists of Landfill / Solid Waste Disposal Sites | | | | | | | | |
| 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 |
| Local Lists of Hazardous waste / Contaminated Sites | | | | | | | | |
| US CDL | | TP | NR | NR | NR | NR | NR | 0 |
| US HIST CDL | | TP | NR | NR | NR | NR | NR | 0 |
| Local Lists of Registered Storage Tanks | | | | | | | | |
| ARCHIVE UST | | 0.250 | 0 | 0 | NR | NR | NR | 0 |
| ARCHIVE AST | | TP | NR | NR | NR | NR | NR | 0 |
| Local Land Records | | | | | | | | |
| LIENS 2 | | TP | NR | NR | NR | NR | NR | 0 |
| LUCIS | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| ACT 2-DEED | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| Records of Emergency Release Reports | | | | | | | | |
| HMIRS | | TP | NR | NR | NR | NR | NR | 0 |
| SPILLS | | TP | NR | NR | NR | NR | NR | 0 |
| Other Ascertainable Records | | | | | | | | |
| RCRA-NonGen | | 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 |
| 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 |
| COAL ASH DOE | | TP | NR | NR | NR | NR | NR | 0 |
| PCB TRANSFORMER | | 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 |
|-------------------------|-------|---|---|---|---|----|---|

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

NO SITES FOUND

ORPHAN SUMMARY

| City | EDR ID | Site Name | Site Address | Zip | Database(s) |
|--------------|------------|-------------------------|--------------|-------|-----------------|
| LANCASTER | 1000187683 | | RT 30 E | | RCRA-SQG, FINDS |
| LANCASTER | S103042032 | CIRCLE CREEK CAMPGROUND | RT 441 | | LUST |
| MILLERSVILLE | S102605457 | BLUE ROCK PUMP STA | RT 999 | 17551 | LUST |

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: 03/31/2010 | Source: EPA |
| Date Data Arrived at EDR: 04/02/2010 | Telephone: N/A |
| Date Made Active in Reports: 04/12/2010 | Last EDR Contact: 07/14/2010 |
| Number of Days to Update: 10 | Next Scheduled EDR Contact: 10/25/2010 |
| | 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: 03/31/2010 | Source: EPA |
| Date Data Arrived at EDR: 04/02/2010 | Telephone: N/A |
| Date Made Active in Reports: 04/12/2010 | Last EDR Contact: 07/14/2010 |
| Number of Days to Update: 10 | Next Scheduled EDR Contact: 10/25/2010 |
| | 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: 08/16/2010 |
| Number of Days to Update: 56 | Next Scheduled EDR Contact: 11/29/2010 |
| | 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: 03/31/2010 | Source: EPA |
| Date Data Arrived at EDR: 04/02/2010 | Telephone: N/A |
| Date Made Active in Reports: 04/12/2010 | Last EDR Contact: 07/14/2010 |
| Number of Days to Update: 10 | Next Scheduled EDR Contact: 10/25/2010 |
| | 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: 01/29/2010 | Source: EPA |
| Date Data Arrived at EDR: 02/09/2010 | Telephone: 703-412-9810 |
| Date Made Active in Reports: 04/12/2010 | Last EDR Contact: 09/02/2010 |
| Number of Days to Update: 62 | Next Scheduled EDR Contact: 10/11/2010 |
| | 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's Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

| | |
|---|---|
| Date of Government Version: 06/23/2009 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/15/2010 | Telephone: 703-603-8704 |
| Date Made Active in Reports: 02/10/2010 | Last EDR Contact: 07/21/2010 |
| Number of Days to Update: 26 | Next Scheduled EDR Contact: 10/25/2010 |
| | 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: 06/23/2009 | Source: EPA |
| Date Data Arrived at EDR: 09/02/2009 | Telephone: 703-412-9810 |
| Date Made Active in Reports: 09/21/2009 | Last EDR Contact: 09/02/2010 |
| Number of Days to Update: 19 | Next Scheduled EDR Contact: 12/13/2010 |
| | 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: 03/25/2010
Date Data Arrived at EDR: 03/31/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 57

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 08/19/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 08/19/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 08/19/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 08/19/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

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

| | |
|---|---|
| Date of Government Version: 12/20/2009 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/20/2010 | Telephone: 703-603-0695 |
| Date Made Active in Reports: 04/12/2010 | Last EDR Contact: 06/14/2010 |
| Number of Days to Update: 82 | Next Scheduled EDR Contact: 09/27/2010 |
| | Data Release Frequency: Varies |

US INST CONTROL: Sites with Institutional Controls

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

| | |
|---|---|
| Date of Government Version: 12/20/2009 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/20/2010 | Telephone: 703-603-0695 |
| Date Made Active in Reports: 04/12/2010 | Last EDR Contact: 06/14/2010 |
| Number of Days to Update: 82 | Next Scheduled EDR Contact: 09/27/2010 |
| | 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: 07/09/2010 | Source: National Response Center, United States Coast Guard |
| Date Data Arrived at EDR: 07/09/2010 | Telephone: 202-267-2180 |
| Date Made Active in Reports: 08/17/2010 | Last EDR Contact: 07/09/2010 |
| Number of Days to Update: 39 | Next Scheduled EDR Contact: 10/18/2010 |
| | 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: 07/06/2010 | Source: Department Environmental Protection |
| Date Data Arrived at EDR: 07/27/2010 | Telephone: 717-783-7816 |
| Date Made Active in Reports: 08/11/2010 | Last EDR Contact: 07/27/2010 |
| Number of Days to Update: 15 | Next Scheduled EDR Contact: 11/08/2010 |
| | 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: 02/25/2010 | Source: Department of Environmental Protection |
| Date Data Arrived at EDR: 04/28/2010 | Telephone: 717-783-7816 |
| Date Made Active in Reports: 04/30/2010 | Last EDR Contact: 08/04/2010 |
| Number of Days to Update: 2 | Next Scheduled EDR Contact: 11/08/2010 |
| | 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: 06/02/2010
Date Data Arrived at EDR: 06/09/2010
Date Made Active in Reports: 06/29/2010
Number of Days to Update: 20

Source: Department of Environmental Protection
Telephone: 717-787-7564
Last EDR Contact: 09/01/2010
Next Scheduled EDR Contact: 12/13/2010
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: 06/01/2010
Date Data Arrived at EDR: 06/24/2010
Date Made Active in Reports: 08/11/2010
Number of Days to Update: 48

Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 06/24/2010
Next Scheduled EDR Contact: 10/04/2010
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: 06/01/2010
Date Data Arrived at EDR: 06/24/2010
Date Made Active in Reports: 08/11/2010
Number of Days to Update: 48

Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 06/24/2010
Next Scheduled EDR Contact: 10/04/2010
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: 05/27/2010
Date Data Arrived at EDR: 05/28/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 05/19/2010
Date Data Arrived at EDR: 05/21/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 80

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 05/04/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 05/03/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 11/04/2009
Date Data Arrived at EDR: 05/04/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 64

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/15/2010
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: 05/24/2010
Date Data Arrived at EDR: 05/27/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 74

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 06/01/2010
Date Data Arrived at EDR: 06/23/2010
Date Made Active in Reports: 08/11/2010
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 717-772-5599
Last EDR Contact: 06/23/2010
Next Scheduled EDR Contact: 10/04/2010
Data Release Frequency: Varies

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

Date of Government Version: 06/01/2010
Date Data Arrived at EDR: 06/23/2010
Date Made Active in Reports: 08/11/2010
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 717-772-5599
Last EDR Contact: 06/23/2010
Next Scheduled EDR Contact: 10/04/2010
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: 05/27/2010 | Source: EPA Region 9 |
| Date Data Arrived at EDR: 05/28/2010 | Telephone: 415-972-3368 |
| Date Made Active in Reports: 08/09/2010 | Last EDR Contact: 08/02/2010 |
| Number of Days to Update: 73 | Next Scheduled EDR Contact: 11/15/2010 |
| | 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: 05/24/2010 | Source: EPA Region 8 |
| Date Data Arrived at EDR: 05/27/2010 | Telephone: 303-312-6137 |
| Date Made Active in Reports: 08/09/2010 | Last EDR Contact: 08/02/2010 |
| Number of Days to Update: 74 | Next Scheduled EDR Contact: 11/15/2010 |
| | 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: 04/01/2008 | Source: EPA Region 7 |
| Date Data Arrived at EDR: 12/30/2008 | Telephone: 913-551-7003 |
| Date Made Active in Reports: 03/16/2009 | Last EDR Contact: 08/11/2010 |
| Number of Days to Update: 76 | Next Scheduled EDR Contact: 11/15/2010 |
| | 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: 05/04/2010 | Source: EPA Region 10 |
| Date Data Arrived at EDR: 05/05/2010 | Telephone: 206-553-2857 |
| Date Made Active in Reports: 05/27/2010 | Last EDR Contact: 08/02/2010 |
| Number of Days to Update: 22 | Next Scheduled EDR Contact: 11/15/2010 |
| | 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: 02/19/2009 | Source: EPA, Region 1 |
| Date Data Arrived at EDR: 02/19/2009 | Telephone: 617-918-1313 |
| Date Made Active in Reports: 03/16/2009 | Last EDR Contact: 08/02/2010 |
| Number of Days to Update: 25 | Next Scheduled EDR Contact: 11/15/2010 |
| | 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: 05/19/2010 | Source: EPA Region 4 |
| Date Data Arrived at EDR: 05/21/2010 | Telephone: 404-562-9424 |
| Date Made Active in Reports: 08/09/2010 | Last EDR Contact: 08/02/2010 |
| Number of Days to Update: 80 | Next Scheduled EDR Contact: 11/15/2010 |
| | 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: 02/11/2010 | Source: EPA Region 5 |
| Date Data Arrived at EDR: 02/11/2010 | Telephone: 312-886-6136 |
| Date Made Active in Reports: 04/12/2010 | Last EDR Contact: 08/02/2010 |
| Number of Days to Update: 60 | Next Scheduled EDR Contact: 11/15/2010 |
| | 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: 05/03/2010 | Source: EPA Region 6 |
| Date Data Arrived at EDR: 05/05/2010 | Telephone: 214-665-7591 |
| Date Made Active in Reports: 05/27/2010 | Last EDR Contact: 08/02/2010 |
| Number of Days to Update: 22 | Next Scheduled EDR Contact: 11/15/2010 |
| | 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: 07/19/2010 |
| Number of Days to Update: 55 | Next Scheduled EDR Contact: 11/01/2010 |
| | Data Release Frequency: Varies |

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Site Listing

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

| | |
|---|--|
| Date of Government Version: 05/15/2008 | Source: Department of Environmental Protection |
| Date Data Arrived at EDR: 05/16/2008 | Telephone: 717-783-9470 |
| Date Made Active in Reports: 06/12/2008 | Last EDR Contact: 07/26/2010 |
| Number of Days to Update: 27 | Next Scheduled EDR Contact: 11/08/2010 |
| | Data Release Frequency: Varies |

AUL: Environmental Covenants Listing

A listing of sites with environmental covenants.

| | |
|---|--|
| Date of Government Version: 05/12/2010 | Source: Department of Environmental Protection |
| Date Data Arrived at EDR: 05/13/2010 | Telephone: 717-783-7509 |
| Date Made Active in Reports: 06/29/2010 | Last EDR Contact: 08/23/2010 |
| Number of Days to Update: 47 | Next Scheduled EDR Contact: 11/08/2010 |
| | 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: 07/26/2010
Next Scheduled EDR Contact: 11/08/2010
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: 04/02/2008
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 1
Telephone: 617-918-1102
Last EDR Contact: 07/08/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Sites

Sites involved in the Voluntary Cleanup Program

Date of Government Version: 04/26/2010
Date Data Arrived at EDR: 04/28/2010
Date Made Active in Reports: 04/30/2010
Number of Days to Update: 2

Source: Department of Environmental Protection
Telephone: 717-783-2388
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/01/2010
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: 05/11/2010
Date Data Arrived at EDR: 05/13/2010
Date Made Active in Reports: 06/29/2010
Number of Days to Update: 47

Source: Department of Environmental Protection
Telephone: 717-783-1566
Last EDR Contact: 08/24/2010
Next Scheduled EDR Contact: 11/08/2010
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: 06/24/2010
Date Data Arrived at EDR: 06/25/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/25/2010
Next Scheduled EDR Contact: 10/11/2010
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/28/2010
Next Scheduled EDR Contact: 09/20/2010
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

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

HIST LF INACTIVE: Inactive Facilities List

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

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

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

HIST LF INVENTORY: Facility Inventory

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

Date of Government Version: 06/02/1999
Date Data Arrived at EDR: 07/12/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 30

Source: Department of Environmental Protection
Telephone: 717-787-7381
Last EDR Contact: 09/19/2005
Next Scheduled EDR Contact: 12/19/2005
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST LF ALI: Abandoned Landfill Inventory

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

| | |
|---|--|
| Date of Government Version: 01/04/2005 | Source: Department of Environmental Protection |
| Date Data Arrived at EDR: 01/04/2005 | Telephone: 717-787-7564 |
| Date Made Active in Reports: 02/04/2005 | Last EDR Contact: 08/30/2010 |
| Number of Days to Update: 31 | Next Scheduled EDR Contact: 12/13/2010 |
| | Data Release Frequency: Varies |

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

Location of open dumps on Indian land.

| | |
|---|---|
| Date of Government Version: 12/31/1998 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 12/03/2007 | Telephone: 703-308-8245 |
| Date Made Active in Reports: 01/24/2008 | Last EDR Contact: 09/07/2010 |
| Number of Days to Update: 52 | Next Scheduled EDR Contact: 11/22/2010 |
| | 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: 05/07/2010 | Source: Drug Enforcement Administration |
| Date Data Arrived at EDR: 06/18/2010 | Telephone: 202-307-1000 |
| Date Made Active in Reports: 08/17/2010 | Last EDR Contact: 03/08/2010 |
| Number of Days to Update: 60 | Next Scheduled EDR Contact: 09/20/2010 |
| | 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: 06/01/2010 | Source: Department of Environmental Protection |
| Date Data Arrived at EDR: 06/23/2010 | Telephone: 717-772-5599 |
| Date Made Active in Reports: 08/11/2010 | Last EDR Contact: 06/23/2010 |
| Number of Days to Update: 49 | Next Scheduled EDR Contact: 10/04/2010 |
| | 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: 06/01/2010
Date Data Arrived at EDR: 06/23/2010
Date Made Active in Reports: 08/11/2010
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 717-772-5599
Last EDR Contact: 06/23/2010
Next Scheduled EDR Contact: 10/04/2010
Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 05/06/2010
Date Data Arrived at EDR: 05/11/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 09/08/2010
Next Scheduled EDR Contact: 12/06/2010
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
Date Data Arrived at EDR: 04/28/2010
Date Made Active in Reports: 04/30/2010
Number of Days to Update: 2

Source: Department of Environmental Protection
Telephone: 717-783-9470
Last EDR Contact: 08/23/2010
Next Scheduled EDR Contact: 11/08/2010
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: 04/06/2010
Date Data Arrived at EDR: 04/07/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 50

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/09/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS: State spills

A listing of hazardous material incidents.

Date of Government Version: 07/20/2010
Date Data Arrived at EDR: 07/26/2010
Date Made Active in Reports: 08/11/2010
Number of Days to Update: 16

Source: DEP, Emergency Response
Telephone: 717-787-5715
Last EDR Contact: 07/19/2010
Next Scheduled EDR Contact: 11/01/2010
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: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 08/19/2010
Next Scheduled EDR Contact: 10/18/2010
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: 01/12/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/22/2010
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: 703-692-8801
Last EDR Contact: 07/22/2010
Next Scheduled EDR Contact: 11/01/2010
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: 12/31/2008
Date Data Arrived at EDR: 09/30/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 62

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/12/2010
Next Scheduled EDR Contact: 09/27/2010
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: 04/11/2010
Date Data Arrived at EDR: 04/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 28

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/08/2010
Next Scheduled EDR Contact: 10/18/2010
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: 06/01/2010
Date Data Arrived at EDR: 06/16/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 62

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/16/2010
Next Scheduled EDR Contact: 09/27/2010
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: 01/05/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/08/2009
Number of Days to Update: 1

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/01/2010
Next Scheduled EDR Contact: 12/13/2010
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: 05/07/2010
Date Data Arrived at EDR: 06/09/2010
Date Made Active in Reports: 08/30/2010
Number of Days to Update: 82

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/09/2010
Next Scheduled EDR Contact: 12/20/2010
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: 12/31/2008
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 36

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/01/2010
Next Scheduled EDR Contact: 12/13/2010
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: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 07/07/2010
Next Scheduled EDR Contact: 10/11/2010
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/30/2010
Next Scheduled EDR Contact: 12/13/2010
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: 08/30/2010 |
| Number of Days to Update: 25 | Next Scheduled EDR Contact: 12/13/2010 |
| | 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: 12/31/2008 | Source: EPA |
| Date Data Arrived at EDR: 01/06/2010 | Telephone: 202-564-4203 |
| Date Made Active in Reports: 02/10/2010 | Last EDR Contact: 08/16/2010 |
| Number of Days to Update: 35 | Next Scheduled EDR Contact: 11/15/2010 |
| | 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: 04/24/2010 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 04/29/2010 | Telephone: 202-564-5088 |
| Date Made Active in Reports: 05/17/2010 | Last EDR Contact: 06/25/2010 |
| Number of Days to Update: 18 | Next Scheduled EDR Contact: 10/11/2010 |
| | 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: 02/01/2010 | Source: EPA |
| Date Data Arrived at EDR: 04/22/2010 | Telephone: 202-566-0500 |
| Date Made Active in Reports: 08/09/2010 | Last EDR Contact: 07/30/2010 |
| Number of Days to Update: 109 | Next Scheduled EDR Contact: 11/01/2010 |
| | 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: 03/18/2010 | Source: Nuclear Regulatory Commission |
| Date Data Arrived at EDR: 04/06/2010 | Telephone: 301-415-7169 |
| Date Made Active in Reports: 05/27/2010 | Last EDR Contact: 06/14/2010 |
| Number of Days to Update: 51 | Next Scheduled EDR Contact: 09/27/2010 |
| | 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: 07/13/2010 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 07/14/2010 | Telephone: 202-343-9775 |
| Date Made Active in Reports: 08/09/2010 | Last EDR Contact: 07/14/2010 |
| Number of Days to Update: 26 | Next Scheduled EDR Contact: 10/25/2010 |
| | 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: 07/07/2010 |
| Number of Days to Update: 41 | Next Scheduled EDR Contact: 09/27/2010 |
| | 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: 12/31/2007
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 05/12/2010
Number of Days to Update: 76

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/24/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Biennially

UIC: Underground Injection Wells

A listing of underground injection well locations.

Date of Government Version: 07/06/2010
Date Data Arrived at EDR: 07/08/2010
Date Made Active in Reports: 08/11/2010
Number of Days to Update: 34

Source: Department of Environmental Protection
Telephone: 717-783-7209
Last EDR Contact: 07/08/2010
Next Scheduled EDR Contact: 10/11/2010
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: 08/23/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Annually

DRYCLEANERS: Drycleaner Facility Locations

A listing of drycleaner facility locations.

Date of Government Version: 07/09/2010
Date Data Arrived at EDR: 07/12/2010
Date Made Active in Reports: 08/11/2010
Number of Days to Update: 30

Source: Department of Environmental Protection
Telephone: 717-787-9702
Last EDR Contact: 07/07/2010
Next Scheduled EDR Contact: 10/11/2010
Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 01/22/2010
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 717-787-9702
Last EDR Contact: 07/08/2010
Next Scheduled EDR Contact: 10/18/2010
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: 07/22/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 05/12/2010
Date Data Arrived at EDR: 05/13/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/23/2010
Next Scheduled EDR Contact: 11/08/2010
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/09/2009 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 12/18/2009 | Telephone: N/A |
| Date Made Active in Reports: 02/10/2010 | Last EDR Contact: 06/14/2010 |
| Number of Days to Update: 54 | Next Scheduled EDR Contact: 09/27/2010 |
| | 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: 08/10/2010 |
| Number of Days to Update: 100 | Next Scheduled EDR Contact: 11/15/2010 |
| | 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: 07/22/2010 |
| Number of Days to Update: 339 | Next Scheduled EDR Contact: 11/01/2010 |
| | Data Release Frequency: N/A |

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: 07/21/2010 |
| Number of Days to Update: 76 | Next Scheduled EDR Contact: 11/01/2010 |
| | 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.

| | |
|----------------------------------|---|
| Date of Government Version: N/A | Source: EDR, Inc. |
| Date Data Arrived at EDR: N/A | Telephone: N/A |
| Date Made Active in Reports: N/A | Last EDR Contact: N/A |
| Number of Days to Update: N/A | Next Scheduled EDR Contact: N/A |
| | Data Release Frequency: No Update Planned |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2007
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/25/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/22/2010
Date Made Active in Reports: 08/26/2010
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/22/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 04/30/2010
Date Data Arrived at EDR: 05/13/2010
Date Made Active in Reports: 06/21/2010
Number of Days to Update: 39

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/19/2010
Date Made Active in Reports: 08/26/2010
Number of Days to Update: 38

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/30/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 03/29/2010
Date Data Arrived at EDR: 05/14/2010
Date Made Active in Reports: 06/22/2010
Number of Days to Update: 39

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 07/26/2010
Next Scheduled EDR Contact: 11/08/2010
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/06/2010
Date Made Active in Reports: 07/26/2010
Number of Days to Update: 20

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/21/2010
Next Scheduled EDR Contact: 10/04/2010
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

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

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

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 & 2009 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 Geological 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

HERR PROPERTY
CHARLESTOWN ROAD/IRONSTONE ROAD
LANCASTER, PA 17603

TARGET PROPERTY COORDINATES

| | |
|--------------------------------|-------------------------|
| Latitude (North): | 40.01610 - 40° 0' 58.0" |
| Longitude (West): | 76.3889 - 76° 23' 20.0" |
| Universal Transverse Mercator: | Zone 18 |
| UTM X (Meters): | 381466.6 |
| UTM Y (Meters): | 4430258.0 |
| Elevation: | 374 ft. above sea level |

USGS TOPOGRAPHIC MAP

| | |
|-----------------------|----------------------------|
| Target Property Map: | 40076-A4 COLUMBIA EAST, PA |
| Most Recent Revision: | 2000 |

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).

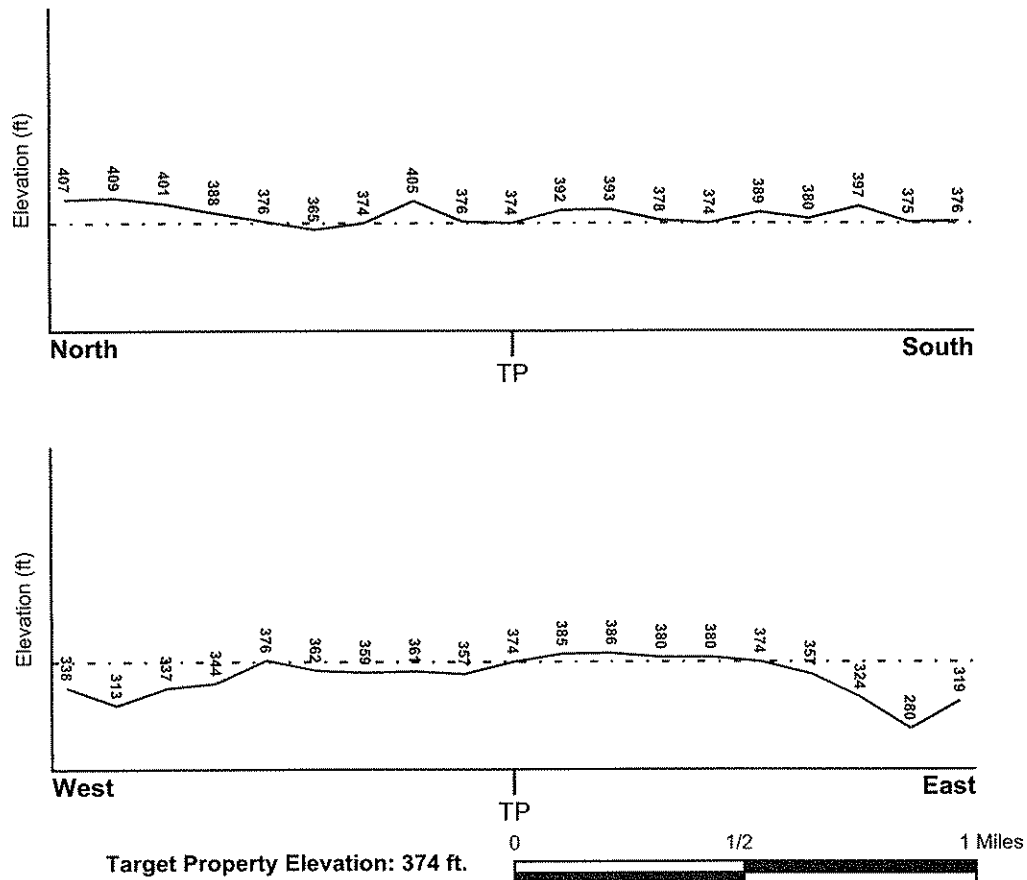
TOPOGRAPHIC INFORMATION

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 WSW

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

Target Property County
LANCASTER, PA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

42071C - FEMA DFIRM Flood data

Additional Panels in search area:

Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
COLUMBIA EAST

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

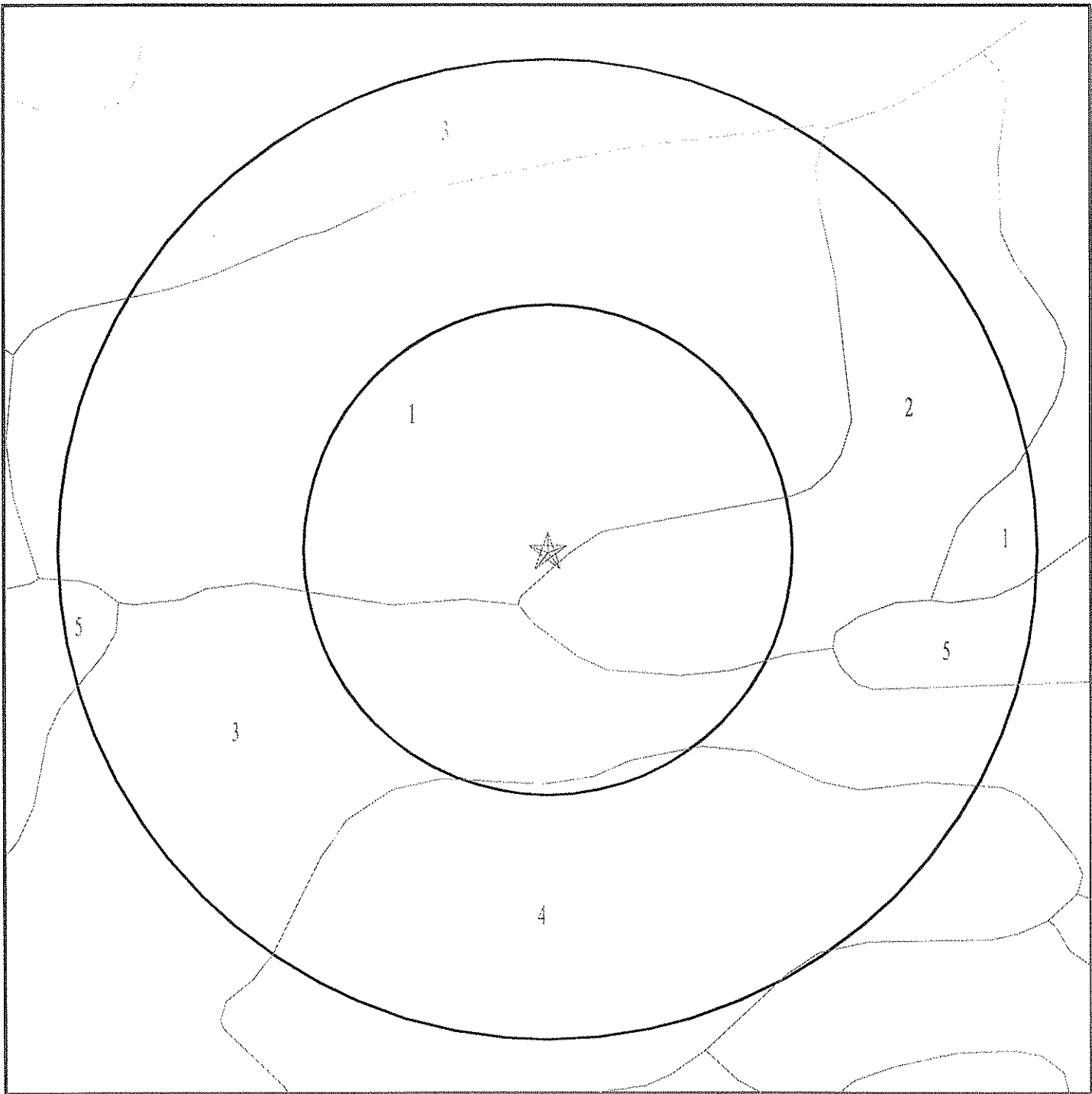
| | |
|---------|---|
| Era: | Paleozoic |
| System: | Ordovician |
| Series: | Ordovician |
| Code: | O (decoded above as Era, System & Series) |

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

SSURGO SOIL MAP - 02865426.2r



- ★ Target Property
- ~ SSURGO Soil
- ~ Water



SITE NAME: Herr Property
ADDRESS: Charlestown Road/Ironstone Road
Lancaster PA 17603
LAT/LONG: 40.0161 / 76.3889

CLIENT: Earth Engineering Inc.
CONTACT: Jennifer Potter
INQUIRY #: 02865426.2r
DATE: September 09, 2010 12:18 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Duffield

Soil Surface Texture: 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: Moderate

Depth to Bedrock Min: > 154 inches

Depth to Watertable Min: > 0 inches

| Soil Layer Information | | | | | | | |
|------------------------|-----------|-----------|--------------------|--|---|--|----------------------|
| Layer | Boundary | | Soil Texture Class | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| | Upper | Lower | | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 9 inches | silt loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt. | Max: 14.11 Min: 4.23 | Max: 6.5 Min: 5.1 |
| 2 | 9 inches | 44 inches | silty clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt. | Max: 14.11 Min: 4.23 | Max: 6.5 Min: 5.1 |
| 3 | 44 inches | 59 inches | | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt. | Max: 14.11 Min: 4.23 | Max: 6.5 Min: 5.1 |

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information | | | | | | | |
|------------------------|-----------|-----------|--------------------------|---|---|--|----------------------|
| Layer | Boundary | | Soil Texture Class | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| | Upper | Lower | | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 9 inches | silt loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 4.23 Min: 0.42 | Max: 6.5 Min: 5.1 |
| 2 | 9 inches | 22 inches | silty clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 4.23 Min: 0.42 | Max: 6.5 Min: 5.1 |
| 3 | 22 inches | 51 inches | silty clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 4.23 Min: 0.42 | Max: 6.5 Min: 5.1 |
| 4 | 51 inches | 59 inches | gravelly silty clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 4.23 Min: 0.42 | Max: 6.5 Min: 5.1 |

Soil Map ID: 6

Soil Component Name: Chester

Soil Surface Texture: 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: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information | | | | | | | |
|------------------------|-----------|-----------|--------------------|---|--|--|----------------------|
| Layer | Boundary | | Soil Texture Class | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| | Upper | Lower | | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 9 inches | silt loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 14.11 Min: 4.23 | Max: 5.5 Min: 4.5 |
| 2 | 9 inches | 42 inches | silty clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 14.11 Min: 4.23 | Max: 5.5 Min: 4.5 |
| 3 | 42 inches | 59 inches | silt loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 14.11 Min: 4.23 | Max: 5.5 Min: 4.5 |

LOCAL / REGIONAL WATER AGENCY RECORDS

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

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> |
|---------------|----------------|-------------------------|
| A2 | USGS2200183 | 1/4 - 1/2 Mile WSW |
| B4 | USGS2200202 | 1/4 - 1/2 Mile ENE |
| C5 | USGS2200155 | 1/4 - 1/2 Mile SSW |
| E10 | USGS2200053 | 1/2 - 1 Mile NNW |
| F12 | USGS2200143 | 1/2 - 1 Mile South |

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|--------|-------------|---------------------|
| L27 | USGS2200127 | 1/2 - 1 Mile SSE |
| N33 | USGS2200189 | 1/2 - 1 Mile West |

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

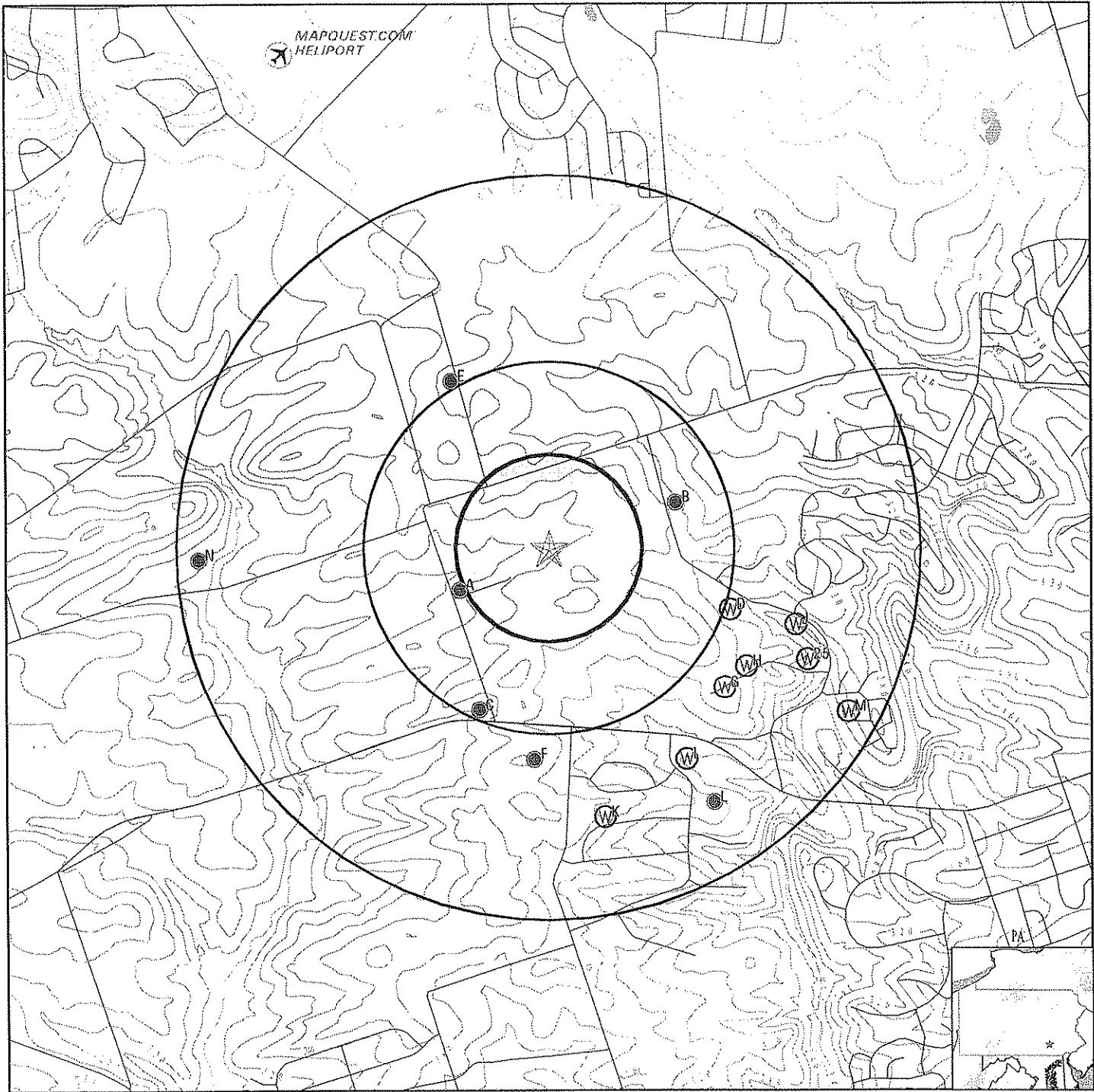
| MAP ID | WELL ID | LOCATION FROM TP |
|---------------------|---------|---------------------|
| No PWS System Found | | |

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

STATE DATABASE WELL INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|--------|-----------------|---------------------|
| A1 | PASI30000033837 | 1/4 - 1/2 Mile WSW |
| B3 | PASI30000034249 | 1/4 - 1/2 Mile ENE |
| C6 | PASI30000033258 | 1/4 - 1/2 Mile SSW |
| D7 | PASI30000033732 | 1/2 - 1 Mile ESE |
| D8 | SPAW0131899 | 1/2 - 1 Mile ESE |
| E9 | PASI30000034918 | 1/2 - 1 Mile NNW |
| F11 | PASI30000032990 | 1/2 - 1 Mile South |
| G13 | SPAW0131777 | 1/2 - 1 Mile SE |
| G14 | PASI30000033361 | 1/2 - 1 Mile SE |
| H15 | SPAW0131782 | 1/2 - 1 Mile ESE |
| H16 | PASI30000033476 | 1/2 - 1 Mile ESE |
| I17 | SPAW0131998 | 1/2 - 1 Mile SSE |
| I18 | PASI30000032991 | 1/2 - 1 Mile SSE |
| I19 | SPAW0131902 | 1/2 - 1 Mile SE |
| I20 | PASI30000032992 | 1/2 - 1 Mile SE |
| J21 | SPAW0131983 | 1/2 - 1 Mile ESE |
| J22 | PASI30000033684 | 1/2 - 1 Mile ESE |
| K23 | PASI30000032637 | 1/2 - 1 Mile SSE |
| K24 | SPAW0131671 | 1/2 - 1 Mile SSE |
| 25 | PASI30000033504 | 1/2 - 1 Mile ESE |
| L26 | PASI30000032737 | 1/2 - 1 Mile SSE |
| M28 | PASI30000033325 | 1/2 - 1 Mile ESE |
| M29 | SPAW0131910 | 1/2 - 1 Mile ESE |
| M30 | PASI30000033217 | 1/2 - 1 Mile ESE |
| M31 | SPAW0131909 | 1/2 - 1 Mile ESE |
| M32 | PASI30000033218 | 1/2 - 1 Mile ESE |
| N34 | PASI30000033937 | 1/2 - 1 Mile West |

PHYSICAL SETTING SOURCE MAP - 02865426.2r



County Boundary

Major Roads

Contour Lines

Airports

Earthquake epicenter, Richter 5 or greater

Water Wells

Public Water Supply Wells

Cluster of Multiple Icons

Groundwater Flow Direction

Indeterminate Groundwater Flow at Location

Groundwater Flow Varies at Location

Oil, gas or related wells

0 1/4 1/2 1 Miles

SITE NAME: Herr Property
ADDRESS: Charlestown Road/Ironstone Road
Lancaster PA 17603
LAT/LONG: 40.0161 / 76.3889

CLIENT: Earth Engineering Inc.
CONTACT: Jennifer Potter
INQUIRY #: 02865426.2r
DATE: September 09, 2010 12:18 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1

WSW

1/4 - 1/2 Mile

Lower

PA WELLS

PASI30000033837

| | | | |
|--------------------|--|-------------------|-----------------|
| Dep counter: | 0 | Siteid: | 400052076233701 |
| Transactio: | 1 | Local welln: | LN 2010 |
| County: | LANCASTER | Latitude: | Not Reported |
| Longitude: | Not Reported | Aapg code: | 367CNSG |
| Topography: | HILLSIDE | Well depth: | 175 |
| Elevation: | 360 | | |
| Elev method: | INTERPOLATED FROM TOPOGRAPHIC MAP | | |
| Accuracy of elev: | 10 | Hydrologic: | 02050306 |
| Latlong acc: | ACCURATE TO +1 SECOND | Quad code: | COLUMBIA EAST |
| Type of site: | WELL | Date created: | 07/06/1993 |
| Date updated: | 04/05/1996 | | |
| Data Reliability: | FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey) | | |
| Source Depth Data: | DRILLER'S RECORD | | |
| Municipality: | MANOR TWP. | | |
| Latitude dd: | 40.0144444444 | | |
| Longitude dd: | -76.3936111111 | | |
| Well address: | Not Reported | | |
| Well zipcode: | Not Reported | | |
| Bedrock not: | 0 | Depth to bedrock: | 0 |
| Date drilled: | 06/01/1990 | Saltwaterz: | 0 |
| Source site: | 1 | Pagwis id: | 36947 |
| Latest owner: | 36645 | Local permit: | Not Reported |
| Latest prod: | 42268 | Driller sc: | 0 |
| Site id: | PASI30000033837 | Latest well: | 36947 |

A2

WSW

1/4 - 1/2 Mile

Lower

FED USGS

USGS2200183

| | | | |
|----------------------------|---|-----------------------------|-----------------|
| Agency cd: | USGS | Site no: | 400052076233701 |
| Site name: | LN 2010 | EDR Site id: | USGS2200183 |
| Latitude: | 400051.9 | Dec lat: | 40.01441667 |
| Longitude: | 0762336.9 | Coor meth: | G |
| Dec lon: | -76.39358333 | Latlong datum: | NAD83 |
| Coor accr: | 5 | District: | 42 |
| Dec latlong datum: | NAD83 | County: | 071 |
| State: | 42 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | COLUMBIA EAST | | |
| Altitude: | 360 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Lower Susquehanna. Maryland, Pennsylvania. Area = 2440 sq.mi. | | |
| Topographic: | Hillside (slope) | | |
| Site type: | Ground-water other than Spring | Date construction: | 199006 |
| Date inventoried: | 19930303 | 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: | Unconfined single aquifer | | |
| Aquifer: | CONESTOGA FORMATION | | |
| Well depth: | 175 | Hole depth: | 175 |
| Source of depth data: | driller | | |
| Project number: | 444220700 | | |
| Real time data flag: | 0 | | |
| Daily flow data end date: | 0000-00-00 | Daily flow data begin date: | 0000-00-00 |
| Peak flow data begin date: | 0000-00-00 | Daily flow data count: | 0 |
| | | Peak flow data end date: | 0000-00-00 |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 1993-07-13
 Ground water data begin date: 1993-03-03
 Ground water data count: 3

Water quality data begin date: 1993-07-13
 Water quality data count: 1
 Ground water data end date: 1993-07-13

Ground-water levels, Number of Measurements: 3

| Date | Feet below Surface | Feet to Sealevel | Date | Feet below Surface | Feet to Sealevel |
|--|--------------------|------------------|------|--------------------|------------------|
| 1993-07-13 | 33.22 | | | | |
| Note: The site had been pumped recently. | | | | | |
| 1993-05-14 | 32.1 | | | | |
| Note: The site had been pumped recently. | | | | | |
| 1993-03-03 | 41.0 | | | | |
| Note: The site had been pumped recently. | | | | | |

B3
ENE
 1/4 - 1/2 Mile
 Lower

PA WELLS PASI30000034249

| | | | |
|--------------------|--|-------------------|-----------------|
| Dep counter: | 0 | Siteid: | 400104076225801 |
| Transactio: | 1 | Local welln: | LN 544 |
| County: | LANCASTER | Latitude: | Not Reported |
| Longitude: | Not Reported | Aapg code: | 367CNSG |
| Topography: | HILLSIDE | Well depth: | 0 |
| Elevation: | 360 | | |
| Elev method: | INTERPOLATED FROM TOPOGRAPHIC MAP | | |
| Accuracy of elev: | 10 | Hydrologic: | 02050306 |
| Latlong acc: | ACCURATE TO +1 SECOND | Quad code: | COLUMBIA EAST |
| Type of site: | WELL | Date created: | 04/07/1981 |
| Date updated: | 07/11/1994 | | |
| Data Reliability: | FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey) | | |
| Source Depth Data: | OTHER/UNKNOWN/UNSPECIFIED | | |
| Municipality: | MANOR TWP. | | |
| Latitude dd: | 40.0177777778 | | |
| Longitude dd: | -76.3827777778 | | |
| Well addres: | Not Reported | | |
| Well zipcode: | Not Reported | | |
| Bedrock not: | 0 | Depth to bedrock: | 0 |
| Date drilled: | 10/01/1961 | Saltwaterz: | 0 |
| Source site: | 1 | Pagwis id: | 38156 |
| Latest owner: | 37849 | Local permit: | Not Reported |
| Latest prod: | 19475 | Driller sc: | 0 |
| Site id: | PASI30000034249 | Latest well: | 38156 |

B4
ENE
 1/4 - 1/2 Mile
 Lower

FED USGS USGS2200202

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------------------------|---|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 400104076225801 |
| Site name: | LN 544 | | |
| Latitude: | 400104 | EDR Site id: | USGS2200202 |
| Longitude: | 0762258 | Dec lat: | 40.01787584 |
| Dec lon: | -76.38246155 | Coor meth: | M |
| Coor accr: | S | Latlong datum: | NAD27 |
| Dec latlong datum: | NAD83 | District: | 42 |
| State: | 42 | County: | 071 |
| Country: | US | Land net: | Not Reported |
| Location map: | COLUMBIA EAST | Map scale: | 24000 |
| Altitude: | 360.00 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Lower Susquehanna. Maryland, Pennsylvania. Area = 2440 sq.mi. | | |
| Topographic: | Hillside (slope) | | |
| Site type: | Ground-water other than Spring | Date construction: | 19611001 |
| Date inventoried: | Not Reported | 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: | CONESTOGA FORMATION | | |
| Well depth: | Not Reported | Hole depth: | Not Reported |
| Source of depth data: | Not Reported | | |
| Project number: | Not Reported | | |
| 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: | 1963-05-24 |
| Water quality data end date: | 1963-05-24 | Water quality data count: | 1 |
| Ground water data begin date: | 1963-05-24 | Ground water data end date: | 1963-05-24 |
| Ground water data count: | 1 | | |

Ground-water levels, Number of Measurements: 1

| Date | Feet below Surface | Feet to Sealevel |
|------------|-----------------------|---------------------|
| 1963-05-24 | 48.49 | |

C5
SSW
1/4 - 1/2 Mile
Lower

FED USGS USGS2200155

| | | | |
|--------------------|---|-----------------------------|-----------------|
| Agency cd: | USGS | Site no: | 400035076233401 |
| Site name: | LN 565 | | |
| Latitude: | 400035 | EDR Site id: | USGS2200155 |
| Longitude: | 0762334 | Dec lat: | 40.00982045 |
| Dec lon: | -76.39246189 | Coor meth: | M |
| Coor accr: | S | Latlong datum: | NAD27 |
| Dec latlong datum: | NAD83 | District: | 42 |
| State: | 42 | County: | 071 |
| Country: | US | Land net: | Not Reported |
| Location map: | COLUMBIA EAST | Map scale: | 24000 |
| Altitude: | 370.00 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Lower Susquehanna. Maryland, Pennsylvania. Area = 2440 sq.mi. | | |
| Topographic: | Hillside (slope) | | |
| Site type: | Ground-water other than Spring | Date construction: | 19580101 |
| Date inventoried: | Not Reported | 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: CONESTOGA FORMATION
 Well depth: Not Reported Hole depth: Not Reported
 Source of depth data: Not Reported
 Project number: Not Reported
 Real time data flag: 0
 Daily flow data end date: 0000-00-00
 Peak flow data begin date: 0000-00-00
 Peak flow data count: 0
 Water quality data end date: 0000-00-00
 Ground water data begin date: 1963-08-16
 Ground water data count: 1
 Daily flow data begin date: 0000-00-00
 Daily flow data count: 0
 Peak flow data end date: 0000-00-00
 Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 1963-08-16

Ground-water levels, Number of Measurements: 1

| Date | Feet below Surface | Feet to Sealevel |
|------------|-----------------------|---------------------|
| 1963-08-16 | 56.30 | |

C6
SSW
1/4 - 1/2 Mile
Lower

PA WELLS PASI30000033258

| | | | |
|--------------------|--|---------------|-----------------|
| Dep counter: | 0 | Siteid: | 400035076233401 |
| Transactio: | 1 | Local welln: | LN 565 |
| County: | LANCASTER | Latitude: | Not Reported |
| Longitude: | Not Reported | Aapg code: | 367CNSG |
| Topography: | HILLSIDE | Well depth: | 0 |
| Elevation: | 370 | | |
| Elev method: | INTERPOLATED FROM TOPOGRAPHIC MAP | | |
| Accuracy of elev: | 10 | Hydrologic: | 02050306 |
| Latlong acc: | ACCURATE TO +1 SECOND | Quad code: | COLUMBIA EAST |
| Type of site: | WELL | Date created: | 04/07/1981 |
| Date updated: | 07/11/1994 | | |
| Data Reliability: | FIELD CHECKED BY REPORTING AGENCY (PaDag pest. survey) | | |
| Source Depth Data: | OTHER/UNKNOWN/UNSPECIFIED | | |
| Municipality: | MANOR TWP. | | |
| Latitude dd: | 40.0097222222 | | |
| Longitude dd: | -76.3927777778 | | |
| Well adres: | Not Reported | | |
| Well zipcode: | Not Reported | | |
| Bedrock not: | 0 | | |
| Date drilled: | 01/01/1958 | | |
| Source site: | 1 | | |
| Latest owner: | 37835 | | |
| Latest prod: | 19460 | | |
| Site id: | PASI30000033258 | | |
| | Depth to bedrock: | 0 | |
| | Saltwaterz: | 0 | |
| | Pagwis id: | 38142 | |
| | Local permit: | Not Reported | |
| | Driller sc: | 0 | |
| | Latest well: | 38142 | |

D7
ESE
1/2 - 1 Mile
Lower

PA WELLS PASI30000033732

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|--------------------|--|-------------------|---------------|
| Dep counter: | 0 | Siteid: | Not Reported |
| Transactio: | 0 | Local welln: | X 1229 |
| County: | LANCASTER | Latitude: | Not Reported |
| Longitude: | Not Reported | Aapg code: | 367CNSG |
| Topography: | Not Reported | Well depth: | 180 |
| Elevation: | 0 | | |
| Elev method: | Not Reported | Hydrologic: | Not Reported |
| Accuracy of elev: | Not Reported | Quad code: | COLUMBIA EAST |
| 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: | MANOR TWP. | | |
| Latitude dd: | 40.0136111111 | | |
| Longitude dd: | -76.38 | | |
| Well address: | Not Reported | Depth to bedrock: | 68 |
| Well zipcode: | Not Reported | Saltwaterz: | 0 |
| Bedrock not: | 0 | Pagwis id: | 176428 |
| Date drilled: | 01/01/1974 | Local permit: | Not Reported |
| Source site: | 2 | Driller sc: | 0 |
| Latest owner: | 175541 | Latest well: | 177955 |
| Latest prod: | 176447 | | |
| Site id: | PAS130000033732 | | |

D8
ESE
1/2 - 1 Mile
Lower

PA WELLS SPAW0131899

| | | | |
|-----------------------|---------------------|---------------------------|-----------------------|
| Well ID: | X 1229 | County | LANCASTER |
| Owner's Name: | FOX JERRY C | Longitude: | 762248 |
| Latitude: | 400049 | Lat/Long Accuracy: | ACCURATE TO +1 MINUTE |
| Quadrangle: | COLUMBIA EAST | Topographic Setting: | Not Reported |
| Hydrologic Unit: | Not Reported | Site Usage: | WITHDRAWAL |
| Water Usage: | DOMESTIC | Finish: | OPEN HOLE |
| Well Depth: | 180 | Casing1 Diameter(inches): | 6 |
| Casing 1: | 81 | Casing2 Diameter(inches): | Not Reported |
| Casing2: | Not Reported | Date Drilled: | 00-00-74 |
| Grouted: | Not Reported | Production WL: | Not Reported |
| Static Water Level: | Not Reported | Yield Measurement Method: | Not Reported |
| Yield (gpm): | 6 | Test Time: | Not Reported |
| Drawdown: | Not Reported | Driller: | 0319 |
| Bedrock: | 68 | Water Bearing Zone 2: | 167 |
| Water Bearing Zone 1: | 153 | Lithology: | LIMESTONE |
| Water Bearing Zone 3: | Not Reported | Remark: | 1834 |
| Municipality: | MANOR | | |
| Aquifer: | CONESTOGA FORMATION | | |

E9
NNW
1/2 - 1 Mile
Higher

PA WELLS PAS130000034918

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|--------------------|--|-------------------|-----------------|
| Dep counter: | 0 | Siteid: | 400121076233901 |
| Transactio: | 1 | Local welln: | LN 542 |
| County: | LANCASTER | Latitude: | Not Reported |
| Longitude: | Not Reported | Aapg code: | 367CNSG |
| Topography: | HILLTOP | Well depth: | 50 |
| Elevation: | 400 | | |
| Elev method: | INTERPOLATED FROM TOPOGRAPHIC MAP | | |
| Accuracy of elev: | 10 | Hydrologic: | 02050306 |
| Latlong acc: | ACCURATE TO +1 SECOND | Quad code: | COLUMBIA EAST |
| Type of site: | WELL | Date created: | 04/07/1981 |
| Date updated: | 07/11/1994 | | |
| Data Reliability: | FIELD CHECKED BY REPORTING AGENCY (PaDag pest. survey) | | |
| Source Depth Data: | OTHER/UNKNOWN/UNSPECIFIED | | |
| Municipality: | MANOR TWP. | | |
| Latitude dd: | 40.0225 | | |
| Longitude dd: | -76.3941666667 | | |
| Well address: | Not Reported | | |
| Well zipcode: | Not Reported | Depth to bedrock: | 0 |
| Bedrock not: | 0 | Saltwaterz: | 0 |
| Date drilled: | 01/01/1958 | Pagwis id: | 38164 |
| Source site: | 1 | Local permit: | Not Reported |
| Latest owner: | 37857 | Driller sc: | 0 |
| Latest prod: | 19481 | Latest well: | 38164 |
| Site id: | PAS130000034918 | | |

E10
NNW
1/2 - 1 Mile
Higher

FED USGS USGS2200053

| | | | |
|----------------------------|---|-----------------------------|-----------------|
| Agency cd: | USGS | Site no: | 400121076233901 |
| Site name: | LN 542 | | |
| Latitude: | 400121 | EDR Site id: | USGS2200053 |
| Longitude: | 0762339 | Dec lat: | 40.02259792 |
| Dec lon: | -76.39385078 | Coor meth: | M |
| Coor accr: | S | Latlong datum: | NAD27 |
| Dec latlong datum: | NAD83 | District: | 42 |
| State: | 42 | County: | 071 |
| Country: | US | Land net: | Not Reported |
| Location map: | COLUMBIA EAST | Map scale: | 24000 |
| Altitude: | 400.00 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Lower Susquehanna. Maryland, Pennsylvania. Area = 2440 sq.mi. | | |
| Topographic: | Hilltop | | |
| Site type: | Ground-water other than Spring | Date construction: | 19580101 |
| Date inventoried: | Not Reported | 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: | CONESTOGA FORMATION | | |
| Well depth: | 50.0 | Hole depth: | Not Reported |
| Source of depth data: | Not Reported | | |
| Project number: | Not Reported | | |
| 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: 1963-06-19
 Ground water data begin date: 1963-05-23
 Ground water data count: 1

Water quality data begin date: 1963-06-19
 Water quality data count: 1
 Ground water data end date: 1963-05-23

Ground-water levels, Number of Measurements: 1

| Date | Feet below Surface | Feet to Sealevel |
|------------|-----------------------|---------------------|
| 1963-05-23 | 21.55 | |

F11
South
1/2 - 1 Mile
Higher

PA WELLS PASI30000032990

| | | | |
|--------------------|--|-------------------|-----------------|
| Dep counter: | 0 | Siteid: | 400028076232401 |
| Transactio: | 1 | Local wellin: | LN 564 |
| County: | LANCASTER | Latitude: | Not Reported |
| Longitude: | Not Reported | Aapg code: | 367CNSG |
| Topography: | HILLTOP | Well depth: | 110 |
| Elevation: | 400 | | |
| Elev method: | INTERPOLATED FROM TOPOGRAPHIC MAP | | |
| Accuracy of elev: | 10 | Hydrologic: | 02050306 |
| Latlong acc: | ACCURATE TO +1 SECOND | Quad code: | COLUMBIA EAST |
| Type of site: | WELL | Date created: | 04/07/1981 |
| Date updated: | 07/11/1994 | | |
| Data Reliability: | FIELD CHECKED BY REPORTING AGENCY (PaDag pest. survey) | | |
| Source Depth Data: | OTHER/UNKNOWN/UNSPECIFIED | | |
| Municipality: | MANOR TWP. | | |
| Latitude dd: | 40.0077777778 | | |
| Longitude dd: | -76.39 | | |
| Well address: | Not Reported | | |
| Well zipcode: | Not Reported | | |
| Bedrock not: | 0 | Depth to bedrock: | 0 |
| Date drilled: | 01/01/1952 | Saltwaterz: | 0 |
| Source site: | 1 | Pagwis id: | 38139 |
| Latest owner: | 37832 | Local permit: | Not Reported |
| Latest prod: | 19457 | Driller sc: | 0 |
| Site id: | PASI30000032990 | Latest well: | 38139 |

F12
South
1/2 - 1 Mile
Higher

FED USGS USGS2200143

| | | | |
|--------------------|---------------|----------------|-----------------|
| Agency cd: | USGS | Site no: | 400028076232401 |
| Site name: | LN 564 | | |
| Latitude: | 400028 | EDR Site id: | USGS2200143 |
| Longitude: | 0762324 | Dec lat: | 40.00787605 |
| Dec lon: | -76.38968404 | Coor meth: | M |
| Coor accr: | S | Latlong datum: | NAD27 |
| Dec latlong datum: | NAD83 | District: | 42 |
| State: | 42 | County: | 071 |
| Country: | US | Land net: | Not Reported |
| Location map: | COLUMBIA EAST | Map scale: | 24000 |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: 400.00
 Altitude method: Interpolated from topographic map
 Altitude accuracy: 10
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: Lower Susquehanna. Maryland, Pennsylvania. Area = 2440 sq.mi.
 Topographic: Hilltop
 Site type: Ground-water other than Spring Date construction: 19520101
 Date inventoried: Not Reported 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: CONESTOGA FORMATION
 Well depth: 110 Hole depth: Not Reported
 Source of depth data: Not Reported
 Project number: Not Reported
 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: 1963-08-19 Ground water data end date: 1963-08-19
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

| Date | Feet below Surface | Feet to Sealevel |
|------------|-----------------------|---------------------|
| 1963-08-19 | 51.70 | |

G13

SE

1/2 - 1 Mile

Lower

PA WELLS

SPAW0131777

| | | | |
|-----------------------|---------------------|---------------------------|-----------------------|
| Well ID: | 4691N | County | LANCASTER |
| Owner's Name: | STONER R | Longitude: | 762249 |
| Latitude: | 400038 | Lat/Long Accuracy: | ACCURATE TO +1 MINUTE |
| Quadrangle: | COLUMBIA EAST | Topographic Setting: | HILLTOP |
| Hydrologic Unit: | 02050306 | Site Usage: | WITHDRAWAL |
| Water Usage: | DOMESTIC | Finish: | OPEN HOLE |
| Well Depth: | 150 | Casing1 Diameter(inches): | 6 |
| Casing 1: | 41 | Casing2 Diameter(inches): | Not Reported |
| Casing2: | Not Reported | Date Drilled: | 7-12-85 |
| Grouted: | Yes | Production WL: | Not Reported |
| Static Water Level: | Not Reported | Yield Measurement Method: | E |
| Yield (gpm): | 15 | Test Time: | Not Reported |
| Drawdown: | Not Reported | Driller: | 319 |
| Bedrock: | 9 | Water Bearing Zone 2: | Not Reported |
| Water Bearing Zone 1: | 76 | Lithology: | LIMESTONE |
| Water Bearing Zone 3: | Not Reported | Remark: | Not Reported |
| Municipality: | MANOR | | |
| Aquifer: | CONESTOGA FORMATION | | |

G14

SE

1/2 - 1 Mile

Lower

PA WELLS

PASI30000033361

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|--------------------|--|---------------|---------------|
| Dep counter: | 0 | Siteid: | Not Reported |
| Transactio: | 0 | Local welln: | 4691N |
| County: | LANCASTER | Latitude: | Not Reported |
| Longitude: | Not Reported | Aapg code: | 367CNSG |
| Topography: | HILLTOP | Well depth: | 150 |
| Elevation: | 0 | | |
| Elev method: | Not Reported | | |
| Accuracy of elev: | Not Reported | Hydrologic: | 02050306 |
| Latlong acc: | ACCURATE TO +1 MINUTE | Quad code: | COLUMBIA EAST |
| 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: | MANOR TWP. | | |
| Latitude dd: | 40.0105555556 | | |
| Longitude dd: | -76.3802777778 | | |
| Well address: | Not Reported | | |
| Well zipcode: | Not Reported | | |
| Bedrock not: | 0 | | |
| Date drilled: | 07/12/1985 | | |
| Source site: | 2 | | |
| Latest owner: | 175419 | | |
| Latest prod: | 176325 | | |
| Site id: | PAS130000033361 | | |
| | Depth to bedrock: | 9 | |
| | Saltwaterz: | 0 | |
| | Pagwis id: | 176306 | |
| | Local permit: | Not Reported | |
| | Driller sc: | 0 | |
| | Latest well: | 177833 | |

H15
ESE
1/2 - 1 Mile
Lower

PA WELLS SPAW0131782

| | | | |
|-----------------------|---------------------|---------------------------|-----------------------|
| Well ID: | 4699N | County | LANCASTER |
| Owner's Name: | GOSHKEY J | Longitude: | 762245 |
| Latitude: | 400041 | Lat/Long Accuracy: | ACCURATE TO +1 MINUTE |
| Quadrangle: | COLUMBIA EAST | Topographic Setting: | HILLSIDE |
| Hydrologic Unit: | 02050306 | Site Usage: | WITHDRAWAL |
| Water Usage: | DOMESTIC | Finish: | OPEN HOLE |
| Well Depth: | 200 | Casing1 Diameter(inches): | 6 |
| Casing 1: | 92 | Casing2 Diameter(inches): | Not Reported |
| Casing2: | Not Reported | Date Drilled: | 3-6-80 |
| Grouted: | Not Reported | Production WL: | Not Reported |
| Static Water Level: | Not Reported | Yield Measurement Method: | V |
| Yield (gpm): | 20 | Test Time: | Not Reported |
| Drawdown: | Not Reported | Driller: | 319 |
| Bedrock: | 50 | Water Bearing Zone 2: | 193 |
| Water Bearing Zone 1: | 174 | Lithology: | LIMESTONE |
| Water Bearing Zone 3: | Not Reported | Remark: | Not Reported |
| Municipality: | MANOR | | |
| Aquifer: | CONESTOGA FORMATION | | |

H16
ESE
1/2 - 1 Mile
Lower

PA WELLS PAS130000033476

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|--------------------|--|-------------------|---------------|
| Dep counter: | 0 | Siteid: | Not Reported |
| Transactio: | 0 | Local welln: | 4699N |
| County: | LANCASTER | Latitude: | Not Reported |
| Longitude: | Not Reported | Aapg code: | 367CNSG |
| Topography: | HILLSIDE | Well depth: | 200 |
| Elevation: | 0 | | |
| Elev method: | Not Reported | | |
| Accuracy of elev: | Not Reported | Hydrologic: | 02050306 |
| Latlong acc: | ACCURATE TO +1 MINUTE | Quad code: | COLUMBIA EAST |
| 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: | MANOR TWP. | | |
| Latitude dd: | 40.0113888889 | | |
| Longitude dd: | -76.3791666667 | | |
| Well addres: | Not Reported | | |
| Well zipcode: | Not Reported | Depth to bedrock: | 50 |
| Bedrock not: | 0 | Saltwaterz: | 0 |
| Date drilled: | 03/06/1980 | Pagwis id: | 176311 |
| Source site: | 2 | Local permit: | Not Reported |
| Latest owner: | 175424 | Driller sc: | 0 |
| Latest prod: | 176330 | Latest well: | 177838 |
| Site id: | PASI30000033476 | | |

I17
SSE
1/2 - 1 Mile
Lower

PA WELLS SPAW0131998

| | | | |
|-----------------------|---------------------|---------------------------|-----------------------|
| Well ID: | X 2264 | County | LANCASTER |
| Owner's Name: | STONER DOUGLAS | Longitude: | 762258 |
| Latitude: | 400028 | Lat/Long Accuracy: | ACCURATE TO +1 MINUTE |
| Quadrangle: | COLUMBIA EAST | Topographic Setting: | Not Reported |
| Hydrologic Unit: | Not Reported | Site Usage: | WITHDRAWAL |
| Water Usage: | DOMESTIC | Finish: | OPEN HOLE |
| Well Depth: | 80 | Casing1 Diameter(inches): | 6 |
| Casing 1: | 20 | Casing2 Diameter(inches): | Not Reported |
| Casing2: | Not Reported | Date Drilled: | 00-00-00 |
| Grouted: | Not Reported | Production WL: | Not Reported |
| Static Water Level: | Not Reported | Yield Measurement Method: | Not Reported |
| Yield (gpm): | 20 | Test Time: | Not Reported |
| Drawdown: | Not Reported | Driller: | 0319 |
| Bedrock: | 8 | Water Bearing Zone 2: | 67 |
| Water Bearing Zone 1: | 42 | Lithology: | Not Reported |
| Water Bearing Zone 3: | Not Reported | Remark: | 1834 |
| Municipality: | MANOR | | |
| Aquifer: | CONESTOGA FORMATION | | |

I18
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI30000032991

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|--------------------|--|-------------------|---------------|
| Dep counter: | 0 | Siteid: | Not Reported |
| Transactio: | 0 | Local welln: | X 2264 |
| County: | LANCASTER | Latitude: | Not Reported |
| Longitude: | Not Reported | Aapg code: | 367CNSG |
| Topography: | Not Reported | Well depth: | 80 |
| Elevation: | 0 | | |
| Elev method: | Not Reported | | |
| Accuracy of elev: | Not Reported | Hydrologic: | Not Reported |
| Latlong acc: | ACCURATE TO +1 MINUTE | Quad code: | COLUMBIA EAST |
| 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: | MANOR TWP. | | |
| Latitude dd: | 40.0077777778 | | |
| Longitude dd: | -76.3827777778 | | |
| Well address: | Not Reported | | |
| Well zipcode: | Not Reported | Depth to bedrock: | 8 |
| Bedrock not: | 0 | Saltwaterz: | 0 |
| Date drilled: | 01/01/1952 | Pagwis id: | 176527 |
| Source site: | 2 | Local permit: | Not Reported |
| Latest owner: | 175640 | Driller sc: | 0 |
| Latest prod: | 176538 | Latest well: | 178054 |
| Site id: | PASI30000032991 | | |

I19
SE
1/2 - 1 Mile
Lower

PA WELLS SPAW0131902

| | | | |
|-----------------------|---------------------|---------------------------|-----------------------|
| Well ID: | X 1232 | County | LANCASTER |
| Owner's Name: | MARTIN & ESH | Longitude: | 762254 |
| Latitude: | 400028 | Lat/Long Accuracy: | ACCURATE TO +1 MINUTE |
| Quadrangle: | COLUMBIA EAST | Topographic Setting: | Not Reported |
| Hydrologic Unit: | Not Reported | Site Usage: | WITHDRAWAL |
| Water Usage: | DOMESTIC | Finish: | OPEN HOLE |
| Well Depth: | 125 | Casing1 Diameter(inches): | 6 |
| Casing 1: | 20 | Casing2 Diameter(inches): | Not Reported |
| Casing2: | Not Reported | Date Drilled: | 00-00-75 |
| Grouted: | Not Reported | Production WL: | Not Reported |
| Static Water Level: | Not Reported | Yield Measurement Method: | Not Reported |
| Yield (gpm): | 4 | Test Time: | Not Reported |
| Drawdown: | Not Reported | Driller: | 0319 |
| Bedrock: | 14 | Water Bearing Zone 2: | 90 |
| Water Bearing Zone 1: | 25 | Lithology: | LIMESTONE |
| Water Bearing Zone 3: | Not Reported | Remark: | 1834 |
| Municipality: | MANOR | | |
| Aquifer: | CONESTOGA FORMATION | | |

I20
SE
1/2 - 1 Mile
Lower

PA WELLS PASI30000032992

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|--------------------|--|-------------------|---------------|
| Dep counter: | 0 | Siteid: | Not Reported |
| Transactio: | 0 | Local welln: | X 1232 |
| County: | LANCASTER | Latitude: | Not Reported |
| Longitude: | Not Reported | Aapg code: | 367CNSG |
| Topography: | Not Reported | Well depth: | 125 |
| Elevation: | 0 | | |
| Elev method: | Not Reported | | |
| Accuracy of elev: | Not Reported | Hydrologic: | Not Reported |
| Latlong acc: | ACCURATE TO +1 MINUTE | Quad code: | COLUMBIA EAST |
| 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: | MANOR TWP. | | |
| Latitude dd: | 40.0077777778 | | |
| Longitude dd: | -76.3816666667 | | |
| Well address: | Not Reported | | |
| Well zipcode: | Not Reported | | |
| Bedrock not: | 0 | | |
| Date drilled: | 01/01/1975 | Depth to bedrock: | 14 |
| Source site: | 2 | Saltwaterz: | 0 |
| Latest owner: | 175544 | Pagwis id: | 176431 |
| Latest prod: | 176450 | Local permit: | Not Reported |
| Site id: | PASI30000032992 | Driller sc: | 0 |
| | | Latest well: | 177958 |

J21
ESE
1/2 - 1 Mile
Lower

PA WELLS SPAW0131983

| | | | |
|-----------------------|---------------------|---------------------------|-----------------------|
| Well ID: | X 2249 | County | LANCASTER |
| Owner's Name: | ZIEGLER GLENN | Longitude: | 762236 |
| Latitude: | 400047 | Lat/Long Accuracy: | ACCURATE TO +1 MINUTE |
| Quadrangle: | COLUMBIA EAST | Topographic Setting: | Not Reported |
| Hydrologic Unit: | Not Reported | Site Usage: | WITHDRAWAL |
| Water Usage: | DOMESTIC | Finish: | OPEN HOLE |
| Well Depth: | 82 | Casing1 Diameter(inches): | 6 |
| Casing 1: | 20 | Casing2 Diameter(inches): | Not Reported |
| Casing2: | Not Reported | Date Drilled: | 00-00-00 |
| Grouted: | Not Reported | Production WL: | Not Reported |
| Static Water Level: | Not Reported | Yield Measurement Method: | Not Reported |
| Yield (gpm): | 30 | Test Time: | Not Reported |
| Drawdown: | Not Reported | Driller: | 0319 |
| Bedrock: | 20 | Water Bearing Zone 2: | 35 |
| Water Bearing Zone 1: | 27 | Lithology: | LIMESTONE |
| Water Bearing Zone 3: | Not Reported | Remark: | 1834 |
| Municipality: | MANOR | | |
| Aquifer: | CONESTOGA FORMATION | | |

J22
ESE
1/2 - 1 Mile
Lower

PA WELLS PASI30000033684

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|--------------------|--|-------------------|---------------|
| Dep counter: | 0 | Siteid: | Not Reported |
| Transacio: | 0 | Local welln: | X 2249 |
| County: | LANCASTER | Latitude: | Not Reported |
| Longitude: | Not Reported | Aapg code: | 367CNSG |
| Topography: | Not Reported | Well depth: | 82 |
| Elevation: | 0 | | |
| Elev method: | Not Reported | | |
| Accuracy of elev: | Not Reported | Hydrologic: | Not Reported |
| Latlong acc: | ACCURATE TO +1 MINUTE | Quad code: | COLUMBIA EAST |
| 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: | MANOR TWP. | | |
| Latitude dd: | 40.0130555556 | | |
| Longitude dd: | -76.3766666667 | | |
| Well address: | Not Reported | | |
| Well zipcode: | Not Reported | Depth to bedrock: | 20 |
| Bedrock not: | 0 | Saltwaterz: | 0 |
| Date drilled: | 01/01/1972 | Pagwis id: | 176512 |
| Source site: | 2 | Local permit: | Not Reported |
| Latest owner: | 175625 | Driller sc: | 0 |
| Latest prod: | 176527 | Latest well: | 178039 |
| Site id: | PAS130000033684 | | |

K23
SSE
1/2 - 1 Mile
Lower

PA WELLS PAS130000032637

| | | | |
|--------------------|--|-------------------|---------------|
| Dep counter: | 0 | Siteid: | Not Reported |
| Transacio: | 0 | Local welln: | 4584N |
| County: | LANCASTER | Latitude: | Not Reported |
| Longitude: | Not Reported | Aapg code: | 367CNSG |
| Topography: | FLAT SURFACE | Well depth: | 300 |
| Elevation: | 0 | | |
| Elev method: | Not Reported | | |
| Accuracy of elev: | Not Reported | Hydrologic: | 02050306 |
| Latlong acc: | ACCURATE TO +1 MINUTE | Quad code: | COLUMBIA EAST |
| 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: | MANOR TWP. | | |
| Latitude dd: | 40.0055555556 | | |
| Longitude dd: | -76.3863888889 | | |
| Well address: | Not Reported | | |
| Well zipcode: | Not Reported | Depth to bedrock: | 45 |
| Bedrock not: | 0 | Saltwaterz: | 0 |
| Date drilled: | 11/27/1985 | Pagwis id: | 176200 |
| Source site: | 2 | Local permit: | Not Reported |
| Latest owner: | 175313 | Driller sc: | 0 |
| Latest prod: | 176219 | Latest well: | 177727 |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000032637

K24
SSE
1/2 - 1 Mile
Lower

PA WELLS SPAW0131671

| | | | |
|-----------------------|---------------------|---------------------------|-----------------------|
| Well ID: | 4584N | County | LANCASTER |
| Owner's Name: | KETTER BLDRS | Longitude: | 762311 |
| Latitude: | 400020 | Lat/Long Accuracy: | ACCURATE TO +1 MINUTE |
| Quadrangle: | COLUMBIA EAST | Topographic Setting: | FLAT SURFACE |
| Hydrologic Unit: | 02050306 | Site Usage: | WITHDRAWAL |
| Water Usage: | DOMESTIC | Finish: | OPEN HOLE |
| Well Depth: | 300 | Casing1 Diameter(inches): | 6 |
| Casing 1: | 60 | Casing2 Diameter(inches): | Not Reported |
| Casing2: | Not Reported | Date Drilled: | 11-27-85 |
| Grouted: | Yes | Production WL: | Not Reported |
| Static Water Level: | Not Reported | Yield Measurement Method: | E |
| Yield (gpm): | 6 | Test Time: | Not Reported |
| Drawdown: | Not Reported | Driller: | 319 |
| Bedrock: | 45 | Water Bearing Zone 2: | 282 |
| Water Bearing Zone 1: | 230 | Lithology: | LIMESTONE |
| Water Bearing Zone 3: | Not Reported | Remark: | Not Reported |
| Municipality: | MANOR | | |
| Aquifer: | CONESTOGA FORMATION | | |

25
ESE
1/2 - 1 Mile
Lower

PA WELLS PASI30000033504

| | | | |
|--------------------|---------------------|-------------------|--------------|
| Dep counter: | 0 | Siteid: | Not Reported |
| Transactio: | 0 | Local welln: | Not Reported |
| County: | LANCASTER | Latitude: | Not Reported |
| Longitude: | Not Reported | Aapg code: | Not Reported |
| Topography: | Not Reported | Well depth: | 225 |
| Elevation: | 0 | | |
| Elev method: | Not Reported | Hydrologic: | Not Reported |
| Accuracy of elev: | Not Reported | Quad code: | 0 |
| Latlong acc: | Not Reported | Date created: | 05/12/2006 |
| Type of site: | Not Reported | | |
| Date updated: | 04/19/1991 | | |
| Data Reliability: | Not Reported | | |
| Source Depth Data: | Not Reported | | |
| Municipality: | MANOR TWP. | | |
| Latitude dd: | 40.0116666667 | | |
| Longitude dd: | -76.3761111111 | | |
| Well address: | 141 STONEWYCK DRIVE | Depth to bedrock: | 65 |
| Well zipcode: | Not Reported | Saltwaterz: | 0 |
| Bedrock not: | 0 | Pagwis id: | 0 |
| Date drilled: | 03/25/2006 | Local permit: | Not Reported |
| Source site: | 0 | Driller sc: | 3 |
| Latest owner: | 488298 | Latest well: | 228858 |
| Latest prod: | 222207 | | |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000033504

L26
SSE
1/2 - 1 Mile
Lower

PA WELLS PASI30000032737

| | | | |
|--------------------|--|-------------------|-----------------|
| Dep counter: | 0 | Siteid: | 400022076225101 |
| Transactio: | 1 | Local welln: | LN 567 |
| County: | LANCASTER | Latitude: | Not Reported |
| Longitude: | Not Reported | Aapg code: | 367CNSG |
| Topography: | HILLSIDE | Well depth: | 38 |
| Elevation: | 320 | | |
| Elev method: | INTERPOLATED FROM TOPOGRAPHIC MAP | | |
| Accuracy of elev: | 10 | Hydrologic: | 02050306 |
| Latlong acc: | ACCURATE TO +1 SECOND | Quad code: | COLUMBIA EAST |
| Type of site: | WELL | Date created: | 04/07/1981 |
| Date updated: | 07/11/1994 | | |
| Data Reliability: | FIELD CHECKED BY REPORTING AGENCY (PaDag pest. survey) | | |
| Source Depth Data: | OTHER/UNKNOWN/UNSPECIFIED | | |
| Municipality: | MANOR TWP. | | |
| Latitude dd: | 40.0061111111 | | |
| Longitude dd: | -76.3808333333 | | |
| Well address: | Not Reported | | |
| Well zipcode: | Not Reported | Depth to bedrock: | 0 |
| Bedrock not: | 0 | Saltwaterz: | 0 |
| Date drilled: | 09/01/1985 | Pagwis id: | 38137 |
| Source site: | 1 | Local permit: | Not Reported |
| Latest owner: | 37830 | Driller sc: | 0 |
| Latest prod: | 42834 | Latest well: | 38137 |
| Site id: | PASI30000032737 | | |

L27
SSE
1/2 - 1 Mile
Lower

FED USGS USGS2200127

| | | | |
|--------------------|---|-----------------------------|-----------------|
| Agency cd: | USGS | Site no: | 400022076225101 |
| Site name: | LN 567 | | |
| Latitude: | 400022 | EDR Site id: | USGS2200127 |
| Longitude: | 0762251 | Dec lat: | 40.00620945 |
| Dec lon: | -76.38051711 | Coor meth: | M |
| Coor accr: | S | Latlong datum: | NAD27 |
| Dec latlong datum: | NAD83 | District: | 42 |
| State: | 42 | County: | 071 |
| Country: | US | Land net: | Not Reported |
| Location map: | COLUMBIA EAST | Map scale: | 24000 |
| Altitude: | 320.00 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Lower Susquehanna. Maryland, Pennsylvania. Area = 2440 sq.mi. | | |
| Topographic: | Hillside (slope) | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | Not Reported | 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: CONESTOGA FORMATION
 Well depth: 38.0 Hole depth: Not Reported
 Source of depth data: Not Reported
 Project number: Not Reported
 Real time data flag: 0
 Daily flow data end date: 0000-00-00
 Peak flow data begin date: 0000-00-00
 Peak flow data count: 0
 Water quality data end date: 1965-05-06
 Ground water data begin date: 1963-05-21
 Ground water data count: 1
 Daily flow data begin date: 0000-00-00
 Daily flow data count: 0
 Peak flow data end date: 0000-00-00
 Water quality data begin date: 1965-05-06
 Water quality data count: 1
 Ground water data end date: 1963-05-21

Ground-water levels, Number of Measurements: 1

| Date | Feet below Surface | Feet to Sealevel |
|------------|-----------------------|---------------------|
| 1963-05-21 | 29.40 | |

M28
ESE
1/2 - 1 Mile
Lower

PA WELLS PASI30000033325

| | | | |
|--------------------|--|-------------------|--------------|
| Dep counter: | 0 | Siteid: | Not Reported |
| Transactio: | 0 | Local welln: | X 2273 |
| County: | LANCASTER | Latitude: | Not Reported |
| Longitude: | Not Reported | Aapg code: | 367CNSG |
| Topography: | Not Reported | Well depth: | 102 |
| Elevation: | 0 | | |
| Elev method: | Not Reported | | |
| Accuracy of elev: | Not Reported | Hydrologic: | Not Reported |
| Latlong acc: | ACCURATE TO +1 MINUTE | Quad code: | LANCASTER |
| 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: | MANOR TWP. | | |
| Latitude dd: | 40.0102777778 | | |
| Longitude dd: | -76.3741666667 | | |
| Well addres: | Not Reported | | |
| Well zipcode: | Not Reported | | |
| Bedrock not: | 0 | | |
| Date drilled: | 11/17/1981 | Depth to bedrock: | 0 |
| Source site: | 2 | Saltwaterz: | 0 |
| Latest owner: | 175649 | Pagwis id: | 176536 |
| Latest prod: | 176545 | Local permit: | Not Reported |
| Site id: | PASI30000033325 | Driller sc: | 0 |
| | | Latest well: | 178063 |

M29
ESE
1/2 - 1 Mile
Lower

PA WELLS SPAW0131910

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-----------------------|---------------------|---------------------------|-----------------------|
| Well ID: | X 1241 | County | LANCASTER |
| Owner's Name: | WHEATLAND HOMES | Longitude: | 762227 |
| Latitude: | 400034 | Lat/Long Accuracy: | ACCURATE TO +1 MINUTE |
| Quadrangle: | LANCASTER | Topographic Setting: | Not Reported |
| Hydrologic Unit: | Not Reported | Site Usage: | WITHDRAWAL |
| Water Usage: | DOMESTIC | Finish: | OPEN HOLE |
| Well Depth: | 100 | Casing1 Diameter(inches): | 6 |
| Casing 1: | 40 | Casing2 Diameter(inches): | Not Reported |
| Casing2: | Not Reported | Date Drilled: | 00-00-74 |
| Grouted: | Not Reported | Production WL: | Not Reported |
| Static Water Level: | Not Reported | Yield Measurement Method: | 0 |
| Yield (gpm): | 25 | Test Time: | Not Reported |
| Drawdown: | Not Reported | Driller: | 0319 |
| Bedrock: | 8 | Water Bearing Zone 2: | 57 |
| Water Bearing Zone 1: | 50 | Lithology: | LIMESTONE |
| Water Bearing Zone 3: | 89 | Remark: | 1835 |
| Municipality: | MANOR | | |
| Aquifer: | CONESTOGA FORMATION | | |

M30
ESE
1/2 - 1 Mile
Lower

PA WELLS PASI30000033217

| | | | |
|--------------------|--|-------------------|--------------|
| Dep counter: | 0 | Siteid: | Not Reported |
| Transactio: | 0 | Local welln: | X 1241 |
| County: | LANCASTER | Latitude: | Not Reported |
| Longitude: | Not Reported | Aapg code: | 367CNSG |
| Topography: | Not Reported | Well depth: | 100 |
| Elevation: | 0 | | |
| Elev method: | Not Reported | Hydrologic: | Not Reported |
| Accuracy of elev: | Not Reported | Quad code: | LANCASTER |
| 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: | MANOR TWP. | | |
| Latitude dd: | 40.0094444444 | | |
| Longitude dd: | -76.3741666667 | | |
| Well address: | Not Reported | Depth to bedrock: | 8 |
| Well zipcode: | Not Reported | Saltwaterz: | 0 |
| Bedrock not: | 0 | Pagwis id: | 176439 |
| Date drilled: | 01/01/1974 | Local permit: | Not Reported |
| Source site: | 2 | Driller sc: | 0 |
| Latest owner: | 175552 | Latest well: | 177966 |
| Latest prod: | 176458 | | |
| Site id: | PASI30000033217 | | |

M31
ESE
1/2 - 1 Mile
Lower

PA WELLS SPAW0131909

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-----------------------|---------------------|---------------------------|-----------------------|
| Well ID: | X 1240 | County | LANCASTER |
| Owner's Name: | WILLIAMS R L | Longitude: | 762226 |
| Latitude: | 400034 | Lat/Long Accuracy: | ACCURATE TO +1 MINUTE |
| Quadrangle: | LANCASTER | Topographic Setting: | Not Reported |
| Hydrologic Unit: | Not Reported | Site Usage: | WITHDRAWAL |
| Water Usage: | DOMESTIC | Finish: | OPEN HOLE |
| Well Depth: | 100 | Casing1 Diameter(inches): | 6 |
| Casing 1: | 36 | Casing2 Diameter(inches): | Not Reported |
| Casing2: | Not Reported | Date Drilled: | 00-00-74 |
| Grouted: | Not Reported | Production WL: | Not Reported |
| Static Water Level: | Not Reported | Yield Measurement Method: | 0 |
| Yield (gpm): | 25 | Test Time: | Not Reported |
| Drawdown: | Not Reported | Driller: | 0319 |
| Bedrock: | 16 | Water Bearing Zone 2: | 67 |
| Water Bearing Zone 1: | 51 | Lithology: | LIMESTONE |
| Water Bearing Zone 3: | 88 | Remark: | 1835 |
| Municipality: | MANOR | | |
| Aquifer: | CONESTOGA FORMATION | | |

M32
ESE
1/2 - 1 Mile
Lower

PA WELLS PASI30000033218

| | | | |
|--------------------|--|-------------------|--------------|
| Dep counter: | 0 | Siteid: | Not Reported |
| Transactio: | 0 | Local welln: | X 1240 |
| County: | LANCASTER | Latitude: | Not Reported |
| Longitude: | Not Reported | Aapg code: | 367CNSG |
| Topography: | Not Reported | Well depth: | 100 |
| Elevation: | 0 | | |
| Elev method: | Not Reported | Hydrologic: | Not Reported |
| Accuracy of elev: | Not Reported | Quad code: | LANCASTER |
| 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: | MANOR TWP. | | |
| Latitude dd: | 40.0094444444 | | |
| Longitude dd: | -76.3738888889 | | |
| Well address: | Not Reported | Depth to bedrock: | 16 |
| Well zipcode: | Not Reported | Saltwaterz: | 0 |
| Bedrock not: | 0 | Pagwis id: | 176438 |
| Date drilled: | 01/01/1974 | Local permit: | Not Reported |
| Source site: | 2 | Driller sc: | 0 |
| Latest owner: | 175551 | Latest well: | 177965 |
| Latest prod: | 176457 | | |
| Site id: | PASI30000033218 | | |

N33
West
1/2 - 1 Mile
Lower

FED USGS USGS2200189

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------------------------|---|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 400056076242501 |
| Site name: | LN 562 | | |
| Latitude: | 400056 | EDR Site id: | USGS2200189 |
| Longitude: | 0762425 | Dec lat: | 40.01565361 |
| Dec lon: | -76.40662897 | Coor meth: | M |
| Coor accr: | S | Latlong datum: | NAD27 |
| Dec latlong datum: | NAD83 | District: | 42 |
| State: | 42 | County: | 071 |
| Country: | US | Land net: | Not Reported |
| Location map: | COLUMBIA EAST | Map scale: | 24000 |
| Altitude: | 330.00 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Lower Susquehanna. Maryland, Pennsylvania. Area = 2440 sq.mi. | | |
| Topographic: | Valley flat | | |
| Site type: | Ground-water other than Spring | Date construction: | 19450101 |
| Date inventoried: | Not Reported | 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: | CONESTOGA FORMATION | | |
| Well depth: | 80.0 | Hole depth: | Not Reported |
| Source of depth data: | Not Reported | | |
| Project number: | Not Reported | | |
| 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: | 1963-05-31 | Ground water data end date: | 1963-05-31 |
| Ground water data count: | 1 | | |

Ground-water levels, Number of Measurements: 1

| Date | Feet below Surface | Feet to Sealevel |
|------------|-----------------------|---------------------|
| 1963-05-31 | 19.00 | |

N34
West
1/2 - 1 Mile
Lower

PA WELLS PASI30000033937

| | | | |
|--------------------|--|---------------|-----------------|
| Dep counter: | 0 | Siteid: | 400056076242501 |
| Transactio: | 1 | Local welln: | LN 562 |
| County: | LANCASTER | Latitude: | Not Reported |
| Longitude: | Not Reported | Aapg code: | 367CNSG |
| Topography: | VALLEY FLAT | Well depth: | 80 |
| Elevation: | 330 | | |
| Elev method: | INTERPOLATED FROM TOPOGRAPHIC MAP | | |
| Accuracy of elev: | 10 | Hydrologic: | 02050306 |
| Latlong acc: | ACCURATE TO +1 SECOND | Quad code: | COLUMBIA EAST |
| Type of site: | WELL | Date created: | 04/07/1981 |
| Date updated: | 07/11/1994 | | |
| Data Reliability: | FIELD CHECKED BY REPORTING AGENCY (PaDag pest. survey) | | |
| Source Depth Data: | OTHER/UNKNOWN/UNSPECIFIED | | |
| Municipality: | MANOR TWP. | | |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|---------------|-----------------|-------------------|--------------|
| Latitude dd: | 40.0155555556 | Depth to bedrock: | 0 |
| Longitude dd: | -76.4069444444 | Saltwaterz: | 0 |
| Well address: | Not Reported | Pagwis id: | 38152 |
| Well zipcode: | Not Reported | Local permit: | Not Reported |
| Bedrock not: | 0 | Driller sc: | 0 |
| Date drilled: | 01/01/1945 | Latest well: | 38152 |
| Source site: | 1 | | |
| Latest owner: | 37845 | | |
| Latest prod: | 19470 | | |
| Site id: | PASI30000033937 | | |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: PA Radon

Test Result Statistics

| Zip | Total Sites | Min pCi/L | Max pCi/L | Avg pCi/L |
|-------|-------------|-----------|-----------|-----------|
| 17603 | 791 | 0 | 110.5 | 7.7 |

EPA Region 3 Statistical Summary Readings for Zip Code: 17603

Number of sites tested: 3048.

Maximum Radon Level: 445.5 pCi/L.

Minimum Radon Level: 0.1 pCi/L.

| pCi/L <4 | pCi/L 4-10 | pCi/L 10-20 | pCi/L 20-50 | pCi/L 50-100 | pCi/L >100 |
|---------------|---------------|----------------|----------------|-----------------|---------------|
| 1393 (45.70%) | 1020 (33.46%) | 429 (14.07%) | 177 (5.81%) | 23 (0.75%) | 6 (0.20%) |

Federal EPA Radon Zone for LANCASTER 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 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW[®] Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

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 IRRA 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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Herr Property

Charlestown Road/Ironstone Road
Lancaster, PA 17603

Inquiry Number: 2865426.3

September 09, 2010

Certified Sanborn® Map Report

Certified Sanborn® Map Report

9/09/10

Site Name:

Herr Property
Charlestown Road/Ironstone
Lancaster, PA 17603

Client Name:

Earth Engineering Inc.
115 West Germantown Pike
East Norriton, PA 19401



Environmental Data Resources Inc.

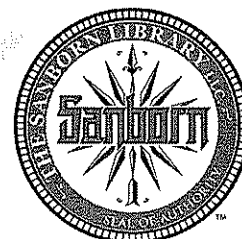
EDR Inquiry # 2865426.3

Contact: Jennifer Potter

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Certified Sanborn Results:

Site Name: Herr Property
Address: Charlestown Road/Ironstone Road
City, State, Zip: Lancaster, PA 17603
Cross Street:
P.O. # NA
Project: NA
Certification # 9F4D-493F-A5EB



Sanborn® Library search results
Certification # 9F4D-493F-A5EB

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

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