

manayunk, pa

ISLAND

Phase I Environmental Site Assessment

EHS Environmental, Inc

January 8, 2007

DEVELOPER

Philadelphia Management
1411 Walnut Street
Philadelphia, PA 19102

Luber-Adler Partners
The Cira Centre
2029 Arch Street
Philadelphia, PA 19104-2868

Nedacsin Properties
161 Leverington Avenue
Philadelphia, PA 19127

ARCHITECT

Stephen Varenhorst Architects
1100 East Hector Street, Suite 313
Conshohocken, PA 19428

SVA

manayunk, pa

Verlinda Blvd

Table of Contents

Planning Review Submittal

Report 'A' Pennoni Associates
Traffic Impact Study

Report 'B' EHS Environmental, Inc
Phase 1 Environmental Site Assessment

Report 'C' Dr. J. Richard Weggel, PhD., P.E.
Flood Hazard Analysis

Report 'D' Geosystems Consultants, Inc
Geotechnical Investigative Report

Report 'E' CVM (Christakis Vanocker Morrison)
Structural Engineering & Structural Diagrams

Report 'F' Boles, Smyth Associates
Grading and Drainage Plan

Vollmer Associates
Topographic Survey

SVA (Stephen Varenhorst Architects)
Zoning Plan & Zoning Information
Illustrative Site Plan & Section

SVA

EHS ENVIRONMENTAL, INC.

9 SOUTH MAIN STREET • MULICA HILL, NJ • 08062
856-223-0080 FAX 856-223-0885

PHASE I ENVIRONMENTAL SITE ASSESSMENT

In Compliance With ASTM Practice E 1527-05

for

PHILADELPHIA MANAGEMENT COMPANY, INC.

PHILADELPHIA, PENNSYLVANIA

CLIENT: Philadelphia Management Co., Inc.
1401 Walnut Street
Third Floor
Philadelphia, PA 19102

LOCATION: Venice Island
1 Leverington Avenue
Philadelphia, PA 19127

SURVEY CONDUCTED BY: Jack F. Carney

REPORT PREPARED BY:


Jack F. Carney, President

MANAGEMENT CONTACT: Mr. Gregory Webster

PROJECT NUMBER: 1-07-16503

DATE OF REPORT: February 8, 2007

TABLE OF CONTENTS

Page

Section 1	Executive Summary	1
	A. Site Inspection	1
	B. Asbestos	3
	C. PCB's	3
	D. Radon	4
	E. Underground Storage Tanks	4
	F. Waste Sites	4
	G. Urea Formaldehyde Foam Insulation	5
	H. Lead Based Paint	5
	I. Water Quality	5
	J. Chemical Use & Storage	5
	K. Other Environmental Conditions	5
	L. Regulatory Agency Inquiry	5
	M. Limitations/Qualifications/Disclaimers	6
	N. Signature of Environmental Professional	6
Section 2	Phase I Summary	7
Section 3	Conclusions and Cost Estimates	8
Section 4	Supplemental Site Assessment Results	9
	A. Topographic Characteristics/Sanborn Maps	9
	B. Regulatory Agency Inquiry	9
	1. National Priorities List (NPL)	10
	2. CERCLIS	10
	3. RCRA TSD	11
	4. RCRA Small And Large Generators	11
	5. ERNS	11
	6. Solid Waste Landfills (SWLF)	12
	7. Registered Underground Tanks	12
	8. Leaking Underground Tanks	13
	9. Aboveground Tanks	13
	10. Voluntary Cleanup Program	13
	11. Facility Index System	14
	12. Material Licensing Tracking System	14
	13. State Hazardous Waste Sites	14
Section 5	Environmental Records Search	
Section 6	Site Maps, Topographical Maps, Site Photographs	
Section 7	Sanborn Fire Insurance Maps	
Section 8	Aerial Photography Prints	
Section 9	City Directory Abstract	
Section 10	Environmental Lien Search	
Section 11	PADEP Acceptance Letter & RT Environmental Report	
Section 12	References and Resume	

SECTION 1

EXECUTIVE SUMMARY

A. Site Inspection

In December, 2006, EHS Environmental, Inc. (EHS) was contracted by Mr. Greg Webster of Philadelphia Management Company, Inc. to provide a Phase I Environmental Site Assessment of the property known as Venice Island located at 1 Leverington Avenue in Philadelphia, Pennsylvania 19127. The subject site is considered one parcel occupied by one site improvement currently vacant but formerly utilized as Carmella's Restaurant.

The purpose of this assessment is to identify to the extent feasible, real and potential environmental impairments, or risks of impairment, that represent existing or potential financial and legal liabilities to responsible parties. The objective of the Phase I program was to develop an initial summary of the actual and potential environmental liabilities associated with the property through visual analysis of the site, a review of available site information, and past and present land use in the vicinity of the site. Specifically, EHS conducted the investigation to identify the presence of hazardous substances, petroleum products, or conditions that indicate an existing or past discharge of hazardous substances or petroleum products onto the ground, groundwater, surface water, or structures located on the property. In addition, EHS conducted the investigation to identify the presence of environmental conditions which will or could potentially impact the project.

The Phase I Environmental Assessment was prepared in accordance with the requirements developed by the American Society for Testing and Materials (ASTM) Standard Practice for Phase I Environmental Assessments (E1527-05). This report provides a general characterization of the site area, including any areas of potential environmental concern identified on the property, based on available information obtained from: an inspection of the property, a review of publicly available records, and interviews with site personnel and state and local regulatory officials. The following report provides documentation of the investigation, a summary of all areas of environmental concern identified, and recommendations for further action, if warranted.

EHS performed an inspection of the subject site on January 15, 2007. The inspection included a visual reconnaissance of all accessible areas of the subject site, as permitted by site conditions.

Mr. Greg Webster, the buyers representative, facilitated access to the site. Mr. Webster was available to answer questions pertaining to the site history and plans for development.

The subject property is considered one parcel with one site improvement and an asphalt parking area. The site improvement is currently vacant but was formerly known as Carmella's Restaurant, a two story restaurant and bar. The subject site has a tax parcel number of 88-2-045400 and a Parcel number of 99N16-233 and 92N19-43. The site is located in an area of historical steel and iron making and coal gasification. This is an area where historical fill associated with these practices is ubiquitous. A waste mill, machine shop, office space, and storage were all present on the property in 1923. A coal pile was located on the property at this time. In 1950, the site was occupied by three commercial buildings. The northern most building was utilized as a machine shop. The remaining two buildings were occupied by the Atlas Supply Company. The Atlas Supply Company, which manufactured building adhesives, occupied the site from approximately 1950 to 1976. Mr. Paul's Kitchens, Inc. also occupied the subject property from 1976 to approximately 1987. The current restaurant building was constructed in approximately 1998.

The current building is two stories without a basement and occupies approximately 6,700 square feet with approximately 2,400 square feet of outdoor deck space. The subject site occupies approximately 4.5 acres and includes an asphalt surface parking lot. The building is constructed of steel framing on a concrete slab. Reportedly, the building will be demolished and the site utilized for the construction of an apartment building.

Currently, no utilities are supplied to the subject site. Formerly, utilities were provided by the local authorities. Heat for the subject site was supplied by a gas fired forced air system. Electric, water and sewer systems are provided by the local utility companies and the City of Philadelphia. No septic systems, cesspools, or wells were observed on the subject site.

The subject site is bounded by Leverington Avenue and a new apartment complex to the north; The Green Lane Bridge to the south; A freight rail line and The Schuylkill Navigation Canal and Manyunk Towpath to the east; and The Schuylkill River to the west.

It is the opinion of EHS Environmental, Inc. that none of these neighboring properties are considered to be any environmental risk to the subject site.

EHS visited the City's Fire Marshall and Building Inspector's offices. Conversations with these departments found no evidence of prior environmental conditions at the subject sites. A request to the State Department of Environmental Protection was made under the freedom of information act. To date no information has been received. Conversations were held with Mr. Webster, the buyer's representative. Mr. Webster stated that he was not aware of any environmental conditions or historic environmental conditions at the subject site. In addition, Mr. Webster stated that he was not aware of any underground storage tanks at the subject site.

Conversations with occupants and occupants of neighboring properties was not possible since the site building and neighboring properties are not occupied.

A review of Sanborn Fire Insurance Maps, Historic Aerial Photographs, a City Directory Search, and an Environmental Lien Search can be found in Sections 7, 8, 9, and 10 respectively.

B. Asbestos Containing Material (ACM)

A visual inspection of the subject site was conducted in order to determine the type, location, and approximate quantity of asbestos containing materials present. Our findings are as follows:

1. No suspect asbestos containing materials were observed. It is the opinion of EHS Environmental, Inc. that an asbestos survey be performed in compliance with the City of Philadelphia asbestos regulations prior to demolition of the building.

C. Polychlorinated Biphenyls (PCB'S)

The subject property was visually inspected for evidence of potential PCB sources, such as fluorescent light ballasts, transformers and hydraulic systems. Results indicate:

1. Approximately 50 fluorescent lights were observed throughout the building. Typically, these lights have PCB ballasts and mercury bulbs. It is the opinion of EHS Environmental, Inc. that these materials be removed prior to demolition activities.
2. No additional PCB sources were observed.

D. Radon

The subject property was not tested for Radon but assessed through the use of PA-RADON Screening Study. The Philadelphia County average concentration is BELOW the US EPA standard of 4 picoCuries/liter but the subject site is classified as Tier 2 with radon concentrations ≥ 2 and ≤ 4 . However, radon concentrations can vary greatly from site to site. Therefore, it is the opinion of EHS Environmental, Inc. that radon testing be performed prior to occupancy or a radon mitigation system be incorporated into the construction plans.

E. Underground and Aboveground Storage Tanks (UST'S & AST'S)

The property and grounds were surveyed for evidence of UST'S and AST'S such as fill caps, vent pipes, distribution equipment and stained soil. Visual inspection of the property found no evidence of any aboveground or underground storage tanks. However, a review of Sanborn Maps found six underground storage tanks, five labeled iron process tanks and one labeled a fuel oil tank. Mr. Webster provided a Phase I and II Environmental Site Assessment dated August, 2004 prepared by RT Environmental Services of Bridgeport, NJ. RT Environmental Services performed a subsurface investigation and concluded "the historical presence of UST'S at the subject property does not appear to be of further concern at this time". In December, 2006, GeoSystems Consultants were performing a soil boring survey of the site and found two areas that warrant further investigation. Boring B-11 found a void which was described as a possible old pipe. Boring B-12 found some discolored soil. These borings are in the vicinity of the former underground storage tanks. Based on this information, it is the recommendation of EHS Environmental, Inc. that a sub-surface investigation be performed to determine if a tank or contamination exists in these areas.

F. Waste Sites

The property and grounds were surveyed for evidence of ground contamination associated with hazardous wastes, such as stressed vegetation, stained soil, odors, standing water, open or leaking containers, and oily lagoons. None of these factors were observed. However, Mr. Webster provided a Phase I and II Environmental Site Assessment dated August, 2004 prepared by RT Environmental Services of King of Prussia, PA. RT Environmental Services performed a subsurface investigation and concluded historical fill is found across the site with concentrations of Arsenic above the rSHS. Arsenic is characteristic of historical fill material or coal dust/river sediment releases in the Philadelphia area.

EHS Environmental, Inc.

In addition, it appears that RT Environmental Services of Bridgeport, NJ submitted the Remedial Investigation Report/Cleanup Plan to the Pennsylvania Department of Environmental Protection (PADEP) which approved the plan in accordance with the provisions of Act 2. The plan submitted by RT Environmental Services proposes a health and safety plan and erosion control during construction and capping and deed Acknowledgment for a long term solution. It is the opinion of EHS Environmental, Inc. that this plan be followed.

G. Urea Formaldehyde Foam Insulation (UFFI)

The subject property was surveyed for evidence of UFFI and none was observed. It is the opinion of EHS Environmental, Inc. that no further action is required.

H. Lead Based Paint

Due to the age of the building, the previous use of lead based paint is not suspected. It is the opinion of EHS Environmental, Inc. that no further action is required.

I. Water Quality

The water quality at the subject property was not assessed. The water will be supplied by local authorities and is assumed to be acceptable. It is the opinion of EHS Environmental, Inc. that no further action is required.

J. Chemical Use And Storage

The subject property was surveyed for evidence of stored chemicals. No stored chemicals were observed. It is the opinion of EHS Environmental, Inc. that no further action is required.

K. Other Environmental Conditions

EHS performed a visual inspection of the subject site for other environmental conditions which could impact the project including mold, animal feces, excessive noise sources, high tension wires, excessive grade, etc. It should be noted that no other environmental conditions were observed which would impact the project site.

L. Regulatory Agency Inquiry

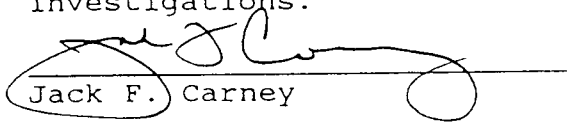
EHS conducted a search of pertinent environmental data made available from the United States Environmental Protection Agency (USEPA), and the State Department of Environmental Protection. It should be noted that no reported current environmental problems or incidents has been identified to be present on or adjacent to the subject site which would impact the subject site.

M. Limitations/Qualifications/Disclaimers

EHS performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-05 of the subject property. Any exceptions to, or deletions from, this practice are described in Section 1 of this report. This assessment and report are for the sole use of our Client and their legal counsel as may be required to complete the pending property transaction. This report and the findings contained within shall not, in whole or in part, be distributed or conveyed to any other party, without the prior written consent of EHS Environmental, Inc. The opinions included in this report are based on the information obtained during the site assessment, our experience, and the information provided by the owner or the facility and/or other available persons familiar with the property. If additional information becomes available, we require the opportunity to review the information, reassess the potential environmental concerns, and modify our opinions, if necessary. If any significant additional information is received from the Freedom of Information inquires with regard to this or any other issues, EHS will forward this information under separate cover.

N. Signatures of Environmental Professional

The preceding Phase I Environmental Assessment was prepared by the undersigned environmental professional in accordance with the ASTM - Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1527). The undersigned environmental professional is employed by EHS Environmental, Inc., an environmental consulting firm located in Mullica Hill, New Jersey, and is qualified to conduct Phase I environmental investigations.


Jack F. Carney

SECTION 2

PHASE I SUMMARY

The following conditions have been determined based on the information gathered during the Phase I Environmental Site Assessment.

A walkover survey was performed at the subject property by EHS on January 15, 2007. The following conditions have been determined based on the information gathered during the Phase I Environmental Site Assessment.

PHASE I ASSESSMENT

<u>Factors</u>	<u>Acceptable</u>	<u>Phase II Recommended</u>	<u>O&M Recommended</u>	<u>Remediation Recommended</u>
Soil/Wetlands	X			
Asbestos	X		
PCB'S	X			
Radon	X		
UST'S/AST'S	X		
Waste Sites	X		
Urea Formaldehyde	X			
Lead in Paint	X			
Water Quality	X			
Chemical Use/Storage	X			
Other Conditions	X			
Records Search	X			

NOTE: All ratings have been made according to the Phase I protocols and the site conditions at the time of this Phase I survey. All comments concerning site specific information are included in the formal report under their respective sections.

The survey and this assessment have been performed by a qualified consultant and were performed diligently and in accordance with all regulatory and good management standards, as well as ASTM E 1527-05 (the ASTM Practice). To the best of our knowledge, results are complete and accurate.

** Please Note:

Recommendation for a Phase II Assessment is not an indication that a potential hazard has been identified. Further information is required in order to formulate an evaluation of potential risk to the property. It should not necessarily be regarded as an indication that the property will be deemed unacceptable.

SECTION 3

CONCLUSIONS AND COST ESTIMATES

EHS has conducted a thorough non-destructive inspection of the subject properties. All conclusions made within this report are based upon the knowledge obtained and the conditions present during our site investigation.

It is the opinion of EHS Environmental, Inc. that the property located at Venice Island, 1 Leverington Avenue in Philadelphia, Pennsylvania 19127 has recognized environmental conditions and historic recognized environmental conditions. The following costs are associated with each identified environmental condition response action:

KNOWN AND SUSPECTED ENVIRONMENTAL CONDITIONS:

<u>ENVIRONMENTAL CONDITION</u>	<u>RECOMMENDED ACTION</u>	<u>ESTIMATED COST</u>
Asbestos	Survey	\$2,000.00
PCB Lights	Removal	\$5,000.00
Radon Contingency	Mitigation System	\$10,000.00
Radon	Testing	\$1,000.00
Underground Tank Soil	Survey	\$10,000.00
	Removal Contingency	\$25,000.00
Historical Fill	Health & Safety Plan	\$5,000.00
	Monitoring	\$20,000.00
	Erosion Control	\$5,000.00
	Capping	Construction Costs
Reports, coordination, and consulting		\$10,000.00

SECTION 4

SUPPLEMENTAL SITE ASSESSMENT RESULTS

A. Topographic Characteristics

The topographic elevation of the subject property is approximately thirty two (32) feet above sea level and generally level sloping upward to the north, south, east, and west.

The subject site is located between the Schuylkill River to the west and The Schuylkill Navigation Canal and Manyunk Towpath to the east. It should be noted that the subject site is not located downgrade from any sites with reported environmental problems which would be cause for concern for contamination migration.

The subject site is not located in a wetlands region. It should be noted that the site is located within 100-year flood zone.

The geologic information for the subject site is as follows:

Era: Paleozoic
System: Cambrian
Series: Cambrian
Category: Eugeosynclinal Deposits

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
Hydric Status: Soil does not meet the requirements for a hydric soil.
Corrosion Potential - Uncoated Steel: Low.
Depth to Bedrock Min: >60 inches
Depth to Bedrock Max: >60 inches

B. Regulatory Agency Inquiry

EHS Environmental, Inc. conducted a search of pertinent environmental data made available from the United States Environmental Protection Agency (USEPA), and the State Department of Environmental Protection (DEP). The search was obtained from Environmental Data Resources, Inc. A copy of the entire search database can be found in Section 5. Our review of some of the more common databases follows:

1. National Priorities List (NPL)

Updated: July, 2006.

The National Priorities List (NPL) is EPA's database of the nation's most serious hazardous waste sites identified for priority remedial actions under CERCLA regulations (Superfund). A site, to be included on the NPL, must either meet or surpass a predetermined hazard ranking systems score, or be chosen as a state's top-priority site, or meet all of the following criteria: (1) the US Department of Health and Human Services issues a health advisory recommending that people be removed from the site to avoid exposure, (2) a determination is made that the site represents a significant threat, and (3) a determination that remedial action is more cost effective than removal action.

A review of the most recent National Priorities List revealed no Superfund sites located on or adjacent to the subject site or within the 1.0 mile search radius.

2. Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)

Updated: June, 2006.

The CERCLIS list data is used by EPA Headquarters and regions for the management and oversight of the Superfund Program. The system maintains an automated inventory of abandoned, inactive, or uncontrolled hazardous waste sites, and is used as a vehicle for reporting the status of site clean-up. The CERCLIS system provides a decentralized national system where each region controls and enters its respective data.

A review of the most recent CERCLIS database revealed no sites located on or adjacent to the subject site or within the 0.5 mile search radius. It should be noted that two CERCLIS-NFRAP (no further steps to be taken) are found between 1/4 and 1/2 mile from the subject site. Based on the available information, it is the opinion of EHS Environmental, Inc. that these sites should not adversely impact the subject property because they are separated from the subject site by many intervening buildings and roadways as well as the canal and river.

3. Resource Conservation and Recovery Act Information System (RCRA TSD)

Updated: June, 2006.

The EPA's Resource Conservation and Recovery Act Information System (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA facilities database is a compilation by EPA of reporting facilities that generate, treat, store or dispose of hazardous waste.

A review of the RCRA TSD database revealed no sites on or adjacent to the subject site or within the 0.5 mile search radius.

4. Resource Conservation and Recovery Act Information System (RCRA SMALL AND LARGE GENERATOR)

Updated: June, 2006.

A review of the RCRA Small Generator database revealed no sites on the subject site. It should be noted that eight sites are found within the 0.25 mile search radius. All of the sites, with the exception of A & B Wipes located at 116 Fountain Street are listed without any violations. The A & B Wiper site is separated from the subject site by many intervening buildings, roadways, the canal, and river. Based on the available information, it is the opinion of EHS Environmental, Inc. that this site should not adversely impact the subject property.

A review of the RCRA Large Generator database revealed no sites on or adjacent to the subject site or within the 0.25 mile search radius.

5. Emergency Response Notification System (ERNS)

Updated: December, 2005.

The Emergency Response Notification System (ERNS) is a compilation of reported sudden and/or accidental releases of oil and hazardous substances. The database contains information from spill reports made to federal and state authorities including the EPA, the US Coast Guard, the National Response Center, and the Department of Transportation.

A search of the most recent ERNS database revealed no sites on or adjacent to the Subject Site.

6. Solid Waste Landfill Facilities (SWLF)

Updated: March, 2006.

The Department of Environmental Protection's database identifies Solid Waste Transfer Stations, Inactive Solid Waste Facilities, Solid Waste Inventory Database, and Priority Waste Tire Pile List.

A search of this study revealed no information regarding any facilities on or adjacent to the subject property or within the 0.5 mile search radius.

7. Registered Underground Storage Tanks (UST's)

Updated: June, 2006.

Registered Underground Storage Tank data is obtained from the State environmental enforcement and regulatory agency (State Department of Environmental Protection), and represents a description of the sites with regard to UST's. While these site descriptions may not be completely accurate, they represent the most accurate information available.

A search of the most recent Registered Underground Storage Tank database records revealed no UST's reported to be located on or adjacent to the subject site. It should be noted that one regulated site is found within the 0.25 mile search radius. This site is separated from the subject site by many intervening buildings, roadways, the canal, and river. Based on the available information, it is the opinion of EHS Environmental, Inc. that this site should not adversely impact the subject property.

A search of the most recent Unregulated Underground Storage Tank database records revealed no UST's reported to be located on or adjacent to the subject site. It should be noted that five sites are found within the 0.5 mile search radius. All of the sites with the exception of the Namico site located at 4601 Flat Rock Road are 1/8 mile to 1/2 mile from the subject site. These sites are separated from the subject site by many intervening buildings, roadways, the canal, and river. The Namico site is at a lower elevation from the subject site and therefore would not be a cause of concern for contamination migration. Based on the available information, it is the opinion of EHS Environmental, Inc. that these sites should not adversely impact the subject property.

8. Leaking Underground Storage Tanks (LUST's)

Updated: June, 2006.

Leaking Underground Storage Tank data is obtained from the State environmental enforcement and regulatory agency (Pennsylvania Department of Environmental Protection), and represents a description of the sites with regard to facility location and type of leak. While these site descriptions may not accurately reflect the current condition of the site, they represent the most accurate information available.

A search of the most recent Leaking Underground Storage Tank database records revealed no LUST's reported to be located on or adjacent to the subject site. It should be noted that nine sites are located within the 0.5 mile search radius. All of the sites with the exception of the Namico site located at 4601 Flat Rock Road are separated from the subject site by many intervening buildings, roadways, the canal, and the river. The Namico site facility status is listed as inactive with the tank closed in October, 1998. Based on the available information, it is the opinion of EHS Environmental, Inc. that these sites should not adversely impact the subject property.

9. Aboveground Storage Tanks (AST's)

Updated: June, 2006.

Aboveground Storage Tank data is obtained from the State environmental enforcement and regulatory agency (Pennsylvania Department of Environmental Protection, Bureau of Water Quality Management), and represents a description of the sites with regard to AST's. While these site descriptions may not be completely accurate, they represent the most accurate information available.

A search of the most recent Aboveground Storage Tank database records revealed no AST's reported to be located on or adjacent to the subject site or within the 1/4 mile search radius.

10. Voluntary Cleanup Program Sites (VCP)

Updated: September, 2006.

A search of the most recent Voluntary Cleanup Program Site database records revealed the subject site is listed. In addition, four additional sites are listed within the 0.5 mile search radius. The database lists no useful information for the subject site. But it is believed that the listing in this database is related to the cleanup plan (capping) submitted and approved by the PADEP.

The remaining four sites listed in the database are located greater than 1/8 mile from the subject site and are separated from the subject site by many intervening buildings, roadways, the canal, and the river. Based on the available information, it is the opinion of EHS Environmental, Inc. that these sites should not adversely impact the subject property.

11. Facility Index System/Facility Identification Initiative (FINDS)

Updated: July, 2006.

Facility Index System contains both facility information and pointers to other sources that contain more detail including 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), PADS (PCB Activity Data System), FFIS (Federal Facilities Information System), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), and STATE (State Environmental Laws and Statutes).

A search of the most recent FINDS database records revealed no sites on or adjacent to the subject site.

12. Material Licensing Tracking System (MLTS)

Updated: July, 2006.

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of sites which possess or use radioactive materials and which are subject to NRC licensing requirements.

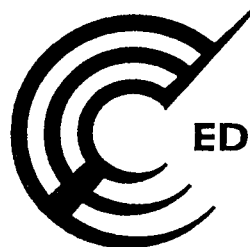
A search of the most recent MLTS database records revealed no sites on or adjacent to the subject site.

13. State Hazardous Waste Sites (SHWS)

Updated: February, 2006.

SHWS are known contaminated sites in the state except those associated with the Bureau of Underground Storage Tanks.

A search of the most recent State Hazardous Waste database records revealed no SHWS's reported to be located on or adjacent to the subject site or within the 1.0 mile search radius.



EDR® Environmental
Data Resources Inc

The EDR Radius Map with GeoCheck®

**Leverington Avenue/Flat Rock Road
Leverington Avenue/Flat Rock Road
Philadelphia, PA 19127**

Inquiry Number: 1789619.2s

November 03, 2006

The Standard in Environmental Risk Management Information

**440 Wheelers Farms Road
Milford, Connecticut 06461**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	6
Orphan Summary	34
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-9
Physical Setting Source Records Searched	A-58

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

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

LEVERINGTON AVENUE/FLAT ROCK ROAD
PHILADELPHIA, PA 19127

COORDINATES

Latitude (North):	40.028400 - 40° 1' 42.2"
Longitude (West):	75.230700 - 75° 13' 50.5"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	480315.2
UTM Y (Meters):	4430724.5
Elevation:	32 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	40075-A2 GERMANTOWN, PA
Most Recent Revision:	1997

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:

FEDERAL RECORDS

NPL.....	National Priority List
Proposed NPL.....	Proposed National Priority List Sites
Delisted NPL.....	National Priority List Deletions
NPL RECOVERY.....	Federal Superfund Liens
CERCLIS.....	Comprehensive Environmental Response, Compensation, and Liability Information System
CORRACTS.....	Corrective Action Report
RCRA-TSDF.....	Resource Conservation and Recovery Act Information
RCRA-LQG.....	Resource Conservation and Recovery Act Information
ERNS.....	Emergency Response Notification System

EXECUTIVE SUMMARY

HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODL	Open Dump Inventory
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)
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

SHWS	Hazardous Sites Cleanup Act Site List
HSCA	HSCA Remedial Sites Listing
SWF/LF	Operating Facilities
HIST LF	Abandoned Landfill Inventory
ARCHIVE UST	Archived Underground Storage Tank Sites
LAST	Storage Tank Release Sites
AST	Listing of Pennsylvania Regulated Aboveground Storage Tanks
ARCHIVE AST	Archived Aboveground Storage Tank Sites
ENG CONTROLS	Engineering Controls Site Listing
INST CONTROL	Institutional Controls Site Listing
DRYCLEANERS	Drycleaner Facility Locations
BROWNFIELDS	Brownfields Sites
AIRS	Permit and Emissions Inventory Data

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

EXECUTIVE SUMMARY

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

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

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

FEDERAL RECORDS

CERCLIS-NFRAP: 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.

A review of the CERCLIS-NFRAP list, as provided by EDR, and dated 07/17/2006 has revealed that there are 2 CERCLIS-NFRAP sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MANAYUNK CANAL ASH DISPOSAL SI	5000 UMBRIA ST BEHIND R	1/4 - 1/2 NNW	F30	29
ROXBOROUGH MERCURY ER	4227 BOONE STREET	1/4 - 1/2 E	32	30

RCRAInfo: 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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 8 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>CASSELS BOB SERVICE CENTER</i>	<i>LEVERINGTON AVE & UMBRIA</i>	<i>0 - 1/8 NE</i>	<i>9</i>	<i>11</i>
<i>KENNYS AUTO REPAIR</i>	<i>4650 UMBRIA ST</i>	<i>1/8 - 1/4 NNE</i>	<i>B11</i>	<i>12</i>
<i>KEYSTONE BOILER WORKS INC</i>	<i>4640 UMBRIA ST</i>	<i>1/8 - 1/4 NNE</i>	<i>B12</i>	<i>13</i>
<i>ARROW DISPLAY ASSOCIATES</i>	<i>161 LEVERINGTON ST</i>	<i>1/8 - 1/4 NE</i>	<i>14</i>	<i>15</i>
<i>WAYNES AUTO & TRANS INC</i>	<i>221 GREENOUGH ST</i>	<i>1/8 - 1/4 NE</i>	<i>18</i>	<i>17</i>
<i>MODERN DAY AUTO</i>	<i>230 LEVERINGTON AVE</i>	<i>1/8 - 1/4 NE</i>	<i>D20</i>	<i>20</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>NATIONAL MILLING & CHEMICAL CO</i>	<i>4601 FLAT ROCK RD</i>	<i>0 - 1/8</i>	<i>A5</i>	<i>9</i>

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
A&B WIPER SUPPLY INC	116 FOUNTAIN ST	1/8 - 1/4 NW	19	18

STATE AND LOCAL RECORDS

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

A review of the LUST list, as provided by EDR, and dated 06/14/2006 has revealed that there are 9 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FIRE SITE 215 Facility Status: Cleanup Completed	4445 MAIN ST	0 - 1/8 E	8	11
CUMBERLAND GULF 144003 Facility Status: Interim Remedial Actions Initiated or Completed Facility Status: Cleanup Completed	4601 UMBRIA / LEVERIN	0 - 1/8 NE	10	12
CONNELLY CONTAINERS Facility Status: Attainment Monitoring in Progress	4368 MAIN ST	1/8 - 1/4 ESE	C17	17
FLEETWAY LEASING Facility Status: Cleanup Completed	250 ROCKHILL RD	1/4 - 1/2 SW	E22	21
WN STEVENSON Facility Status: Inactive	246 ROCK HILL RD	1/4 - 1/2 SW	E24	22
FRANCIS L MCKELVEY & SON Facility Status: Cleanup Completed	225 ROCKHILL RD	1/4 - 1/2 SW	28	24
RICHARDS APEX Facility Status: Inactive	4202-24 MAIN ST	1/4 - 1/2 ESE	29	24
BELMONT AMOCO Facility Status: Cleanup Completed Facility Status: Cleanup Completed	726 BELMONT AVE	1/4 - 1/2 SSW	G33	31

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NAMICO Facility Status: Inactive	4601 FLAT ROCK RD	0 - 1/8	A7	10

UNREG LTANKS: Leaking storage tank cases from unregulated storage tanks.

A review of the UNREG LTANKS list, as provided by EDR, and dated 04/12/2002 has revealed that there are 5 UNREG LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BELMONT HILLS COMM CTR Closed: 8/5/1996	50 ASHLAND AVE	1/8 - 1/4 SW	15	16
BELL IVY RIDGE CTL OFC Closed: 8/7/1996	4344 TER ST	1/4 - 1/2 E	23	22
SMURFIT STONE CONTAINER ENTERP	5000 FLAT ROCK ROAD	1/4 - 1/2 NW	25	22

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HOWARD RES	4414 MANAYUNK AVE	1/4 - 1/2 ENE	35	33
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NAMICO Closed: 10/27/1998	4601 FLAT ROCK RD	0 - 1/8	A7	10

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

A review of the UST list, as provided by EDR, and dated 06/01/2006 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SUNOCO 0004 7803	BELMONT & JEFFERSON ST	1/8 - 1/4 SSW	13	13

MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 PA MANIFEST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MODERN DAY AUTO INC	230 LEVERINGTON AVE	1/8 - 1/4 NE	D21	21

ACT 2-DEED: 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.

A review of the ACT 2-DEED list, as provided by EDR, and dated 09/19/2006 has revealed that there are 3 ACT 2-DEED sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CONNELLY PAPER MILL CONTAINER	4368 MAIN ST	1/8 - 1/4 ESE	C16	16
OSLOU	238 ROCK HILL RD	1/4 - 1/2 SW	E26	23
COASTAL SVC STA	726 BELMONT AVE	1/4 - 1/2 SSW	G34	33

EXECUTIVE SUMMARY

VCP: Voluntary Cleanup Program Sites List.

A review of the VCP list, as provided by EDR, and dated 09/19/2006 has revealed that there are 5 VCP sites within approximately 0.5 miles of the target property.

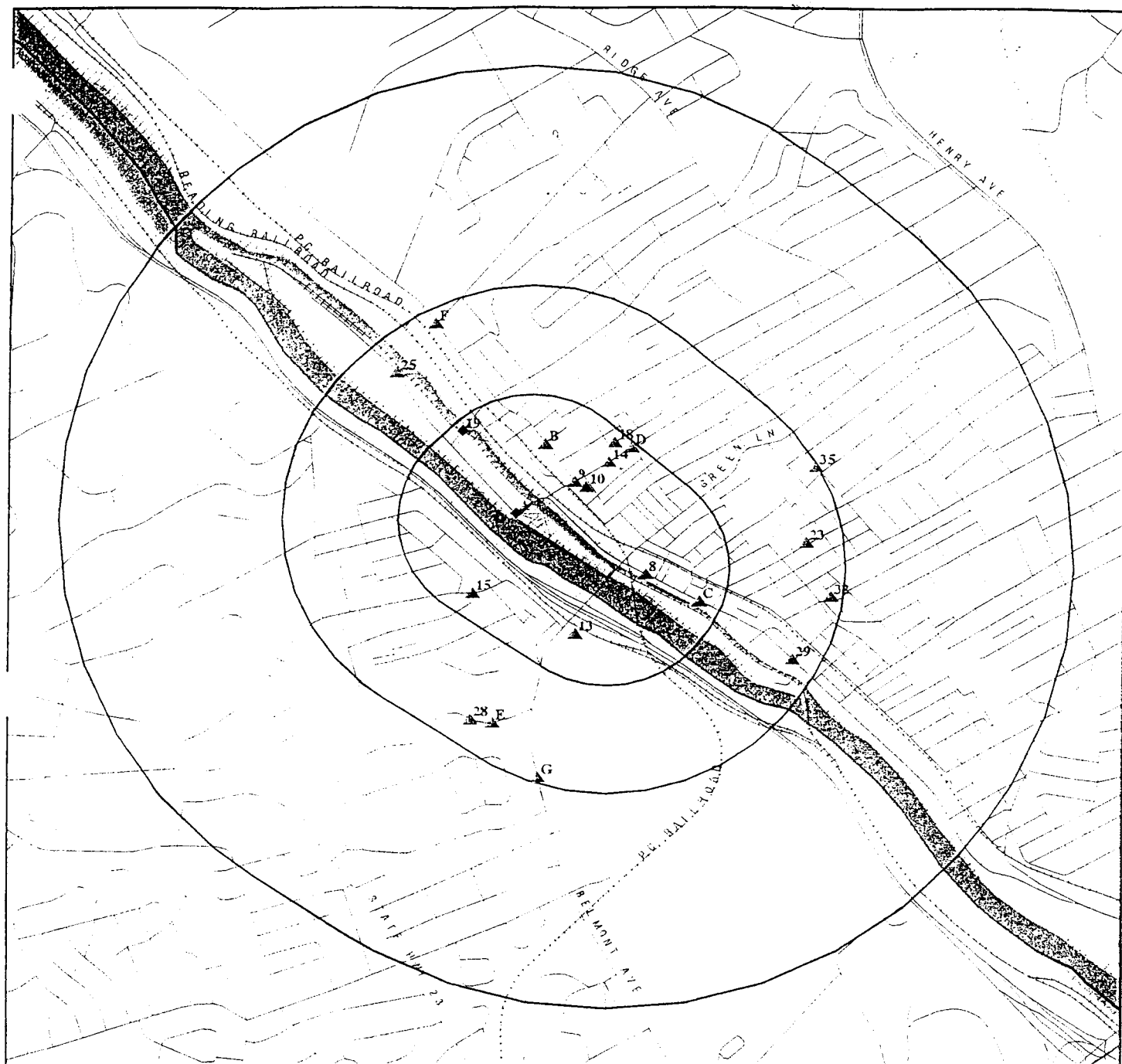
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CONNELLY PAPER MILL CONTAINER	4368 MAIN ST	1/8 - 1/4 ESE	C16	16
OSLOU	238 ROCK HILL RD	1/4 - 1/2 SW	E27	23
PENN BEER DIST SITE	PARKER AVE / UMBRIA S	1/4 - 1/2 NNW	F31	30
BELMONT AMOCO	726 BELMONT AVE	1/4 - 1/2 SSW	G33	31
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
VENICE ISLAND	1 LEVERINGTON AVE	0 - 1/8	A4	9

EXECUTIVE SUMMARY

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

Site Name	Database(s)
UMBRIA ST ASH DISPOSAL SITE	CERC-NFRAP
SITE	HIST LF
NAMICO PLT	ACT 2-DEED
EXXON RAS NO 20454	RCRA-SQG, FINDS, LUST
FIRE SITE 147	LUST
SUNOCO SVC STA	RCRA-SQG, FINDS
NO. 1 WASHINGTON AVENUE	ERNS
ROUTE 291 AND STEWART AVENUE	ERNS
NO. 4 HOG ISLAND ROAD / NORTH PIER	ERNS
INTERSTATE 95 AT WOODHAVEN ROAD	ERNS
AROUND 26TH AVENUE NEAR CHEVRON	ERNS
ATOMIC TIRE & AUTO SERVICE (215) 6	ERNS
7TH AVENUE	ERNS
6700 BLOCK UNRUL AVENUE & STATE RO	ERNS
5137 BLY AVENUE; PORT RICHMOND ARE	ERNS
BUSTLETON AVENUE 250FT. SOUTH OF	ERNS
FLAT ROCK RD	ERNS
PENNYPACK PARK AVE WELSH ROAD FRAN	ERNS
RICHARDS APEX INC JW RICHARDS CO	PA MANIFEST
DIVERSIFIED MARKETING	NY MANIFEST

OVERVIEW MAP - 1789619.2s



- Target Property
- ▲ Sites at elevations higher than or equal to the target property
 - ◆ Sites at elevations lower than the target property
 - ▲ Manufactured Gas Plants
 - National Priority List Sites
 - Landfill Sites
 - Dept. Defense Sites
 - Indian Reservations BIA
 - County Boundary
 - Oil & Gas pipelines
 - 100-year flood zone
 - 500-year flood zone
 - National Wetland Inventory

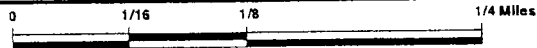
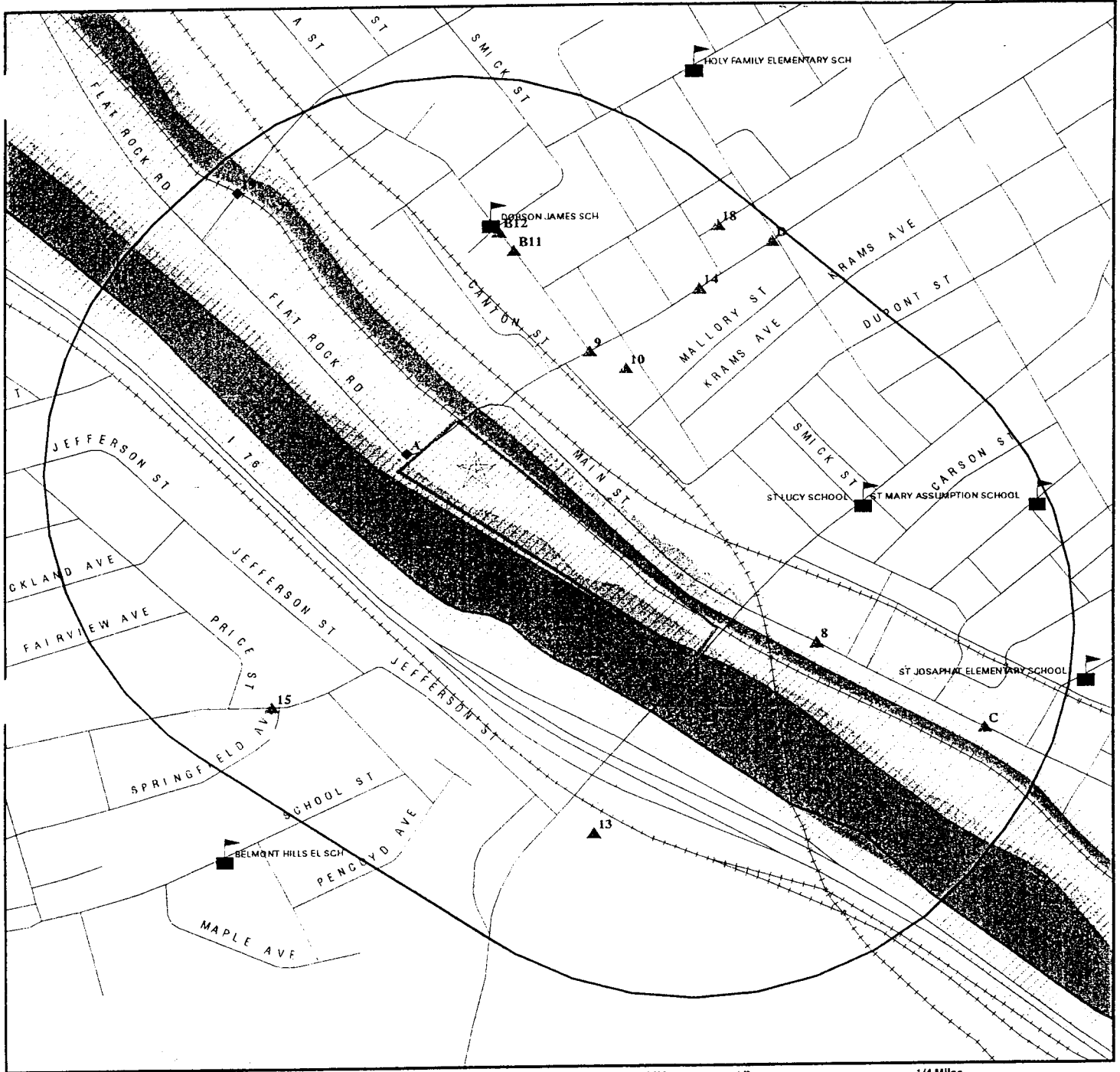
0 1/4 1/2 1 Miles

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

SITE NAME: Leverington Avenue/Flat Rock Road
 ADDRESS: Leverington Avenue/Flat Rock Road
 Philadelphia PA 19127
 LAT/LONG: 40.0284 / 75.2307

CLIENT: AMEC
 CONTACT: Steven Tanen
 INQUIRY #: 1789619.2s
 DATE: November 03, 2006 4:14 pm

DETAIL MAP - 1789619.2s



- Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ▲ Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- 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: Leverington Avenue/Flat Rock Road
 ADDRESS: Leverington Avenue/Flat Rock Road
 Philadelphia PA 19127
 LAT/LONG: 40.0284 / 75.2307

CLIENT: AMEC
 CONTACT: Steven Tanen
 INQUIRY #: 1789619.2s
 DATE: November 03, 2006 4:15 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>FEDERAL RECORDS</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY	TP		NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	2	NR	NR	2
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	2	6	NR	NR	NR	8
ERNS	TP		NR	NR	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	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
ODI		0.500	0	0	0	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
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
MINES		0.250	0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
State Haz. Waste		1.000	0	0	0	0	NR	0
HSCA		1.000	0	0	0	0	NR	0
SWF/LF		0.500	0	0	0	NR	NR	0
HIST LF		0.500	0	0	0	NR	NR	0
LUST		0.500	3	1	5	NR	NR	9
UNREG LTANKS		0.500	1	1	3	NR	NR	5
UST		0.250	0	1	NR	NR	NR	1
ARCHIVE UST		0.250	0	0	NR	NR	NR	0
LAST		0.500	0	0	0	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
ARCHIVE AST	TP		NR	NR	NR	NR	NR	0
MANIFEST		0.250	0	1	NR	NR	NR	1
ACT 2-DEED		0.500	0	1	2	NR	NR	3
ENG CONTROLS		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
INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	1	1	3	NR	NR	5
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
AIRS	TP	TP	NR	NR	NR	NR	NR	0
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

A1
NAMICO, INC.
4601 FLAT ROCK ROAD
PHILADELPHIA, PA 19127
< 1/8
1 ft.

Database(s)
EDR ID Number
EPA ID Number

FTTS 1007287421
N/A

Site 1 of 7 in cluster A

Relative:
Lower

FTTS INSP:

Actual:
31 ft.

Inspection Number: 19910624A9002 2
Region: 09
Inspection Date: Not reported
Inspector: SKALLO
Violation occurred: No
Investigation Type: EPCRA, Enforcement, SEE Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA
Facility Function: User

Inspection Number: 199904010000 3
Region: 03
Inspection Date: Not reported
Inspector: Not reported
Violation occurred: Yes
Investigation Type: Section 7, Failure to Report
Investigation Reason: For Cause, Violation
Legislation Code: FIFRA
Facility Function: Producer

A2
NAMICO, INC.
4601 FLAT ROCK ROAD
PHILADELPHIA, PA 19127
< 1/8
1 ft.

SSTS 1005433794
N/A

Site 2 of 7 in cluster A

Relative:
Lower

SSTS:

Actual:
31 ft.

Product: NAMICO 6 PINE ODOR DISINFECTANT
Status: Active
Registration #: 002021PA 001
Report Year: 1997
Permit: Registered
Product #: 00683600169002021
Product Type: End-use blend, formulation, or concentrate
Product Class: 20
Product Use: 9
Market: Marketed in the United States
Country: Not reported
Region: Not reported

Product: NAMICO 6 PINE ODOR DISINFECTANT, CLEANER, DEODORANT
Status: Active
Registration #: 002021PA 001
Report Year: 1992
Permit: Registered
Product #: 00202100026
Product Type: End-use blend, formulation, or concentrate
Product Class: Disinfectant, germicide, sanitizer
Product Use: All other products
Market: Marketed in the United States
Country: Not reported
Region: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

NAMICO, INC. (Continued)

1005433794

Product:	NAMICO 6 PINE ODOR DISINFECTANT
Status:	Active
Registration #:	002021PA 001
Report Year:	1996
Permit:	Registered
Product #:	00202100026
Product Type:	End-use blend, formulation, or concentrate
Product Class:	20
Product Use:	9
Market:	Marketed in the United States
Country:	Not reported
Region:	Not reported
Product:	NAMICO 6 PINE ODOR DISINFECTANT, CLEANER, DEODORANT
Status:	Active
Registration #:	002021PA 001
Report Year:	1991
Permit:	Registered
Product #:	00202100026
Product Type:	End-use blend, formulation, or concentrate
Product Class:	Disinfectant, germicide, sanitizer
Product Use:	All other products
Market:	Marketed in the United States
Country:	Not reported
Region:	Not reported
Product:	NAMICO 80 PINE OIL DISINFECTANT
Status:	Active
Registration #:	002021PA 001
Report Year:	1991
Permit:	Registered
Product #:	00202100002
Product Type:	End-use blend, formulation, or concentrate
Product Class:	Disinfectant, germicide, sanitizer
Product Use:	All other products
Market:	Marketed in the United States
Country:	Not reported
Region:	Not reported
Product:	NAMICO 80 PINE OIL DISINFECTANT
Status:	Active
Registration #:	002021PA 001
Report Year:	1990
Permit:	Registered
Product #:	00202100002
Product Type:	End-use blend, formulation, or concentrate
Product Class:	Disinfectant, germicide, sanitizer
Product Use:	All other products
Market:	Marketed in the United States
Country:	Not reported
Region:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

NAMICO, INC. (Continued)

1005433794

Product: NAMCO 6 PINE ODOR DISINFECTANT, CLEANER, DEODORANT
Status: Active
Registration #: 002021PA 001
Report Year: 1990
Permit: Registered
Product #: 00202100026
Product Type: End-use blend, formulation, or concentrate
Product Class: Disinfectant, germicide, sanitizer
Product Use: All other products
Market: Marketed in the United States
Country: Not reported
Region: Not reported

A3

PROCLEAN SYSTEMS, INC.
4600 FLAT ROCK ROAD
PHILADELPHIA, PA 19127

FINDS 1004589206
FTTS 110011499967

< 1/8
1 ft.

Site 3 of 7 in cluster A

Relative:
Lower

FINDS:
Other Pertinent Environmental Activity Identified at Site

Actual:
31 ft.

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

FTTS INSP:

Inspection Number: 19910410F2371 2
Region: 03
Inspection Date: Not reported
Inspector: HUDSON
Violation occurred: Yes
Investigation Type: Specific Product Review
Investigation Reason: For Cause, Associated
Legislation Code: FIFRA
Facility Function: Producer

Inspection Number: 1991061361691 1
Region: 06
Inspection Date: Not reported
Inspector: LARRISON
Violation occurred: No
Investigation Type: Section 6 PCB Federal Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: User

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

A4 VENICE ISLAND
 1 LEVERINGTON AVE
 < 1/8 PHILADELPHIA, PA
 1 ft.

VCP S108056152
 N/A

Site 4 of 7 in cluster A

Relative:
 Lower

VCP:

Rec ID: Not reported
 Activity ID: 35898
 Municipality: Philadelphia
 Region: 4100
 Site Size: Not reported
 Cleanup: Not reported
 Cleanup Indicator: Not reported
 Response Date: Not reported
 Category Desc: Not reported
 Land Designation: Not reported

Actual:
 31 ft.

A5 NATIONAL MILLING & CHEMICAL CO
 4601 FLAT ROCK RD
 < 1/8 PHILADELPHIA, PA 19127
 1 ft.

RCRA-SQG 1000259804
 FINDS PAD002275709

Site 5 of 7 in cluster A

Relative:
 Lower

RCRAInfo:

Owner: Not reported
 EPA ID: PAD002275709
 Contact: ENVIRONMENTAL COORDINATOR
 (215) 555-1212
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

Actual:
 31 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NATIONAL MILLING & CHEMICAL CO (Continued)

1000259804

Compliance Monitoring.

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

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

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

A6 4601 FLATROCK RD. ERNS 91241536
4601 FLATROCK RD. N/A
< 1/8 PHILADELPHIA, PA
1 ft.

Site 6 of 7 in cluster A

Relative:
Lower

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

Actual:
31 ft.

A7 NAMICO LUST 1000902433
4601 FLAT ROCK RD UNREG LTANKS N/A
< 1/8 PHILADELPHIA, PA
1 ft.

Site 7 of 7 in cluster A

Relative:
Lower

LUST:

Actual: Facility Id: 51-41841
31 ft. Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Inactive
Status Date: 1998-12-31 00:00:00
Release Date: 1989-08-05 00:00:00
Region: South East
Description: NATL MILLING & CHEMICAL CO INC

UNREG LTANKS:

Region: South East
Class: Cleanup of Tanks using authorities other than Act 32
Closed: 10/27/1998

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

NAMICO (Continued)

Contaminant: FUEL OIL NO. 2

1000902433

8
East
< 1/8
371 ft.

**FIRE SITE 215
4445 MAIN ST
PHILADELPHIA, PA**

**LUST S102607331
N/A**

Relative:
Higher

LUST:

Facility Id: 51-20115
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 1998-01-15 00:00:00
Release Date: 1989-08-05 00:00:00
Region: South East
Description: FLEET MGMT FIRE SITE 215

Actual:
45 ft.

9
NE
< 1/8
517 ft.

**CASSELS BOB SERVICE CENTER
LEVERINGTON AVE & UMBRIA ST
PHILADELPHIA, PA 19127**

**RCRA-SQG 1000570362
FINDS PAD987347697**

Relative:
Higher

RCRAInfo:

Owner: CASSEL BOB
(215) 482-9813
EPA ID: PAD987347697
Contact: BOB CASSEL
(215) 482-9813
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

Actual:
74 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

10
NE
< 1/8
554 ft.

CUMBERLAND GULF 144003
4601 UMBRIA / LEVERINGTON
PHILADELPHIA, PA

Database(s) EDR ID Number
EPA ID Number

LUST S102607290
N/A

Relative:
Higher

LUST:

Facility Id: 51-09169
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: **Cleanup Completed**
Status Date: 2002-01-16 00:00:00
Release Date: 1989-08-05 00:00:00
Region: South East
Description: CUMBERLAND GULF 144003

Actual:
72 ft.

Facility Id: 51-09169
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: **Interim Remedial Actions Initiated or Completed**
Status Date: Not reported
Release Date: 1989-08-05 00:00:00
Region: South East
Description: GULF SVC STA 144003

B11
NNE
1/8-1/4
683 ft.

KENNYS AUTO REPAIR
4650 UMBRIA ST
PHILADELPHIA, PA 19127

RCRA-SQG 1004774902
FINDS PAD987359072

Relative:
Higher

Site 1 of 2 in cluster B

RCRAInfo:
Owner: EUGENE KENNY
(215) 487-3681
EPA ID: PAD987359072
Contact: EUGENE KENNY
(215) 487-2897

Actual:
106 ft.

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B12 KEYSTONE BOILER WORKS INC
NNE 4640 UMBRIA ST
1/8-1/4 PHILADELPHIA, PA 19127
736 ft.

RCRA-SQG 1004777354
FINDS PAR000026740

Relative:
Higher

Site 2 of 2 in cluster B

RCRAInfo:

Owner: HUNTER JR WILLIAM
(215) 483-0143

Actual:
106 ft.

EPA ID: PAR000026740

Contact: JEFFREY HUNTER
(215) 483-0143

Classification: Conditionally Exempt Small Quantity Generator

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

13 SUNOCO 0004 7803
SSW BELMONT & JEFFERSON ST
1/8-1/4 BELMONT HILLS, PA 19004
769 ft.

UST U001099062
N/A

Relative:
Higher

UST:

Municipality Name: Lower Merion
Client Id Number: 83455
Mailing Name: SUNOCO INC R & M
Mailing Address: 1735 MARKET ST FL 12
Mailing Address 2: Not reported
Mailing City,St,Zip: PHILADELPHIA, PA 19103-7505
Site ID: 518122
Other Id: 46-30265
2nd Facility Addr: Not reported
Region Code: EP SE Rgnl Off
Regulated Expiration: 2006-02-04 00:00:00
Tank Seq No: 001
Tank Code: UST
Date Installed: 1985-03-19
Capacity: 10000
Substance: Gasoline
Tank Status: Currently in Use
Inspection Code: FOI
Tank Last Dt Inspected: 2002-02-11 00:00:00
Region Code: 4100

Municipality Name: Lower Merion
Client Id Number: 83455
Mailing Name: SUNOCO INC R & M

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SUNOCO 0004 7803 (Continued)

U001099062

Mailing Address: 1735 MARKET ST FL 12
Mailing Address 2: Not reported
Mailing City,St,Zip: PHILADELPHIA, PA 19103-7505
Site ID: 518122
Other Id: 46-30265
2nd Facility Addr: Not reported
Region Code: EP SE Rgnl Off
Regulated Expiration: 2006-02-04 00:00:00
Tank Seq No: 002
Tank Code: UST
Date Installed: 1985-11-14
Capacity: 8000
Substance: Gasoline
Tank Status: Currently in Use
Inspection Code: FOI
Tank Last Dt Inspected: 2002-02-11 00:00:00
Region Code: 4100

Municipality Name: Lower Merion
Client Id Number: 83455
Mailing Name: SUNOCO INC R & M
Mailing Address: 1735 MARKET ST FL 12
Mailing Address 2: Not reported
Mailing City,St,Zip: PHILADELPHIA, PA 19103-7505
Site ID: 518122
Other Id: 46-30265
2nd Facility Addr: Not reported
Region Code: EP SE Rgnl Off
Regulated Expiration: 2006-02-04 00:00:00
Tank Seq No: 003
Tank Code: UST
Date Installed: 1985-11-14
Capacity: 8000
Substance: Gasoline
Tank Status: Currently in Use
Inspection Code: FOI
Tank Last Dt Inspected: 2002-02-11 00:00:00
Region Code: 4100

Municipality Name: Lower Merion
Client Id Number: 83455
Mailing Name: SUNOCO INC R & M
Mailing Address: 1735 MARKET ST FL 12
Mailing Address 2: Not reported
Mailing City,St,Zip: PHILADELPHIA, PA 19103-7505
Site ID: 518122
Other Id: 46-30265
2nd Facility Addr: Not reported
Region Code: EP SE Rgnl Off
Regulated Expiration: 2006-02-04 00:00:00
Tank Seq No: 004
Tank Code: UST
Date Installed: 1985-11-14
Capacity: 8000
Substance: Gasoline
Tank Status: Currently in Use
Inspection Code: FOI

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SUNOCO 0004 7803 (Continued)

EDR ID Number
EPA ID Number

U001099062

Tank Last Dt Inspected: 2002-02-11 00:00:00
Region Code: 4100

14
NE
1/8-1/4
959 ft.

ARROW DISPLAY ASSOCIATES
161 LEVERINGTON ST
PHILADELPHIA, PA 19127

RCRA-SQG
FINDS
NY MANIFEST

1000343817
PAD057160020

Relative:
Higher

RCRAInfo:
Owner: Not reported
EPA ID: PAD057160020

Actual:
97 ft.

Contact: JAY KLEIN
(215) 482-9450

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

NY MANIFEST:

Document ID: NYA5745069
Manifest Status: K
Trans1 State ID: PLATE#
Trans2 State ID: 577-45GB
Generator Ship Date: 870416
Trans1 Recv Date: 870416
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870416
Part A Recv Date: 870514
Part B Recv Date: 870506
Generator EPA ID: PAD057160020
Trans1 EPA ID: NYD000824334
Trans2 EPA ID: Not reported
TSDF ID: NYD000824334
Waste Code: F005 - UNKNOWN
Quantity: 00440
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 008
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 87
Facility Type: Generator
EPA ID: PAD057160020
Facility Name: ARROW DISPLAY ASSOCIATES

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ARROW DISPLAY ASSOCIATES (Continued)

1000343817

Facility Address: 161 LEVERINGTON AVENUE
Facility City: PHILADELPHIA
Facility Zip 4: Not reported
Country: Not reported
County: Not reported
Mailing Name: ARROW DISPLAY ASSOCIATES
Mailing Contact: Not reported
Mailing Address: 161 LEVERINGTON AVENUE
Mailing City: PHILADELPHIA
Mailing State: PA
Mailing Zip: 19127
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 215-482-9450

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

15 BELMONT HILLS COMM CTR
SW 50 ASHLAND AVE
1/8-1/4 LOWER MERION TWP., PA
1012 ft.

UNREG LTANKS S105919019
N/A

Relative: UNREG LTANKS:
Higher Region: South East
Class: Cleanup of Tanks using authorities other than Act 32
Actual: Closed: 8/5/1996
147 ft. Contaminant: DIESEL FUEL

C16 CONNELLY PAPER MILL CONTAINER SITE
ESE 4368 MAIN ST
1/8-1/4 PHILADELPHIA, PA
1060 ft.

VCP S104155048
ACT 2-DEED N/A

Site 1 of 2 in cluster C

Relative: VCP:
Higher Rec ID: 761
Actual: Activity ID: Not reported
43 ft. Municipality: Philadelphia
Region: 4100
Site Size: Not reported
Cleanup: Statewide Health
Cleanup Indicator: Not reported
Response Date: 12/16/1999
Category Desc: Inorganics, Lead, PAH, Unleaded Gasoline
Land Designation: Not reported

ACT 2-DEED:
Record ID: 324
Region: 4100
Cleanup Indicator: Not reported
Response Date: 12/16/1999
Category Description: Inorganics, Lead, PAH, Unleaded Gasoline
Land Designation Code: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C17 CONNELLY CONTAINERS
ESE 4368 MAIN ST
1/8-1/4 PHILADELPHIA, PA 19127
1060 ft.

FINDS 1004587169
LUST 110001203144

Site 2 of 2 in cluster C

Relative:
Higher

FINDS:

Other Pertinent Environmental Activity Identified at Site

Actual:
43 ft.

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

LUST:

Facility Id: 51-21295
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Attainment Monitoring in Progress
Status Date: Not reported
Release Date: 1989-08-05 00:00:00
Region: South East
Description: CONNELLY PAPER MILL

18 WAYNES AUTO & TRANS INC
NE 221 GREENOUGH ST
1/8-1/4 PHILADELPHIA, PA 19127
1186 ft.

RCRA-SQG 1000799460
FINDS PAD987392354

Relative:
Higher

RCRAInfo:

Owner: ROBERT W THISLER JR
EPA ID: PAD987392354
Contact: ROBERT JR THISLER
(215) 482-9233

Actual:
126 ft.

Classification: Small Quantity Generator
TSD Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

19
NW
1/8-1/4
1190 ft.
A&B WIPER SUPPLY INC
116 FOUNTAIN ST
PHILADELPHIA, PA 19127

RCRA-SQG
FINDS
1004778228
PAR000044040

Relative:
Lower

RCRAInfo:

Owner: KANEFSKY JOEL
(215) 482-6100

Actual:
19 ft.

EPA ID: PAR000044040

Contact: JOEL KANEFSKY
(215) 482-6100

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: swma 6018.403(b)(11)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/01/2000
Actual Date Achieved Compliance: 05/04/2001

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/23/2000
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 05/07/2003
Penalty Type: Final Monetary Penalty

Regulation Violated: 6018.403(b)(2)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/01/2000
Actual Date Achieved Compliance: 05/04/2001

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/23/2000
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 05/07/2003
Penalty Type: Final Monetary Penalty

Regulation Violated: 6018.403(b)(9)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/01/2000
Actual Date Achieved Compliance: 05/04/2001

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/23/2000
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 05/07/2003
Penalty Type: Final Monetary Penalty

Regulation Violated: 40 cfr 262.34
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/01/2000
Actual Date Achieved Compliance: 05/04/2001

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/23/2000
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

A&B WIPER SUPPLY INC (Continued)

1004778228

Enforcement Action Date: 05/07/2003
Penalty Type: Final Monetary Penalty
Regulation Violated: 40 CFR 262.11
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/01/2000
Actual Date Achieved Compliance: 05/04/2001
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/23/2000
Penalty Type: Final Monetary Penalty
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 05/07/2003
Penalty Type: Final Monetary Penalty
Regulation Violated: 40 cfr 262.12
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/01/2000
Actual Date Achieved Compliance: 10/03/2000
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/23/2000
Penalty Type: Final Monetary Penalty
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 05/07/2003
Penalty Type: Final Monetary Penalty
Regulation Violated: swma 6018.403(b)(1)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/01/2000
Actual Date Achieved Compliance: 05/04/2001
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/23/2000
Penalty Type: Final Monetary Penalty
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 05/07/2003
Penalty Type: Final Monetary Penalty

There are 7 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20010504
	GENERATOR-GENERAL REQUIREMENTS	20010504
	GENERATOR-GENERAL REQUIREMENTS	20010504
	GENERATOR-GENERAL REQUIREMENTS	20010504
	GENERATOR-GENERAL REQUIREMENTS	20010504
	GENERATOR-GENERAL REQUIREMENTS	20010504
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20010504
	GENERATOR-GENERAL REQUIREMENTS	20010504
	GENERATOR-GENERAL REQUIREMENTS	20010504
	GENERATOR-GENERAL REQUIREMENTS	20010504
	GENERATOR-GENERAL REQUIREMENTS	20010504
	GENERATOR-GENERAL REQUIREMENTS	20010504
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20010504
	GENERATOR-GENERAL REQUIREMENTS	20010504
	GENERATOR-GENERAL REQUIREMENTS	20010504
	GENERATOR-GENERAL REQUIREMENTS	20010504

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

A&B WIPER SUPPLY INC (Continued)

Compliance Evaluation Inspection

GENERATOR-GENERAL REQUIREMENTS
 GENERATOR-GENERAL REQUIREMENTS
 GENERATOR-GENERAL REQUIREMENTS
 GENERATOR-GENERAL REQUIREMENTS
 GENERATOR-GENERAL REQUIREMENTS
 GENERATOR-GENERAL REQUIREMENTS
 GENERATOR-GENERAL REQUIREMENTS
 GENERATOR-GENERAL REQUIREMENTS

1004778228
 20010504
 20010504
 20010504
 20010504
 20010504
 20010504
 20001003
 20010504

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

D20
 NE
 1/8-1/4
 1266 ft.

MODERN DAY AUTO
 230 LEVERINGTON AVE
 PHILADELPHIA, PA 19127

RCRA-SQG 1004773855
 FINDS PAD981938855

Site 1 of 2 in cluster D

Relative:
 Higher

RCRAInfo:
 Owner: PARNES, JERRY
 (215) 664-2257
 EPA ID: PAD981938855
 Contact: JERRY PARNES
 (610) 664-2257

Actual:
 106 ft.

Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

D21 MODERN DAY AUTO INC
NE 230 LEVERINGTON AVE
1/8-1/4 ROXBOROUGH, PA 19127
1266 ft.

PA MANIFEST S107693893
N/A

Site 2 of 2 in cluster D

Relative:
Higher

PA MANIFEST:

Actual:
106 ft.

Manifest Number: IL10872426
Manifest Type: T
Generator Epa Id: PADEP0003291
Generator Date: 02/05/2004
Mailing Address: 230 LEVERINGTON AVE
Mailing City,St,Zip: ROXBOROUGH, PA 19127
Contact Name: Not reported
Contact Phone: 215-664-2257
TSD Epa Id: ILD980613913
TSD Date: 02/17/2004
TSD Facility Name: SAFETY KLEEN CORP
TSD Facility Address: 633 E 138TH ST
TSD Facility City: DOLTON
TSD Facility State: IL
Page Number: 1.00000
Line Number: 1.00000
Waste Number: D001
Container Number: 1.00000
Container Type: DM
Waste Quantity: 15.00000
Unit: G
Handling Code: Not reported
Tsp Epa Id: TXR000050930
Date Tsp Sig: 02/05/2004

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

E22 FLEETWAY LEASING
SW 250 ROCKHILL RD
1/4-1/2 BALA CYNWYD, PA
2194 ft.

LUST S102606517
N/A

Site 1 of 4 in cluster E

Relative:
Higher

LUST:

Actual:
90 ft.

Facility Id: 46-45923
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 1995-08-29 00:00:00
Release Date: 1989-08-05 00:00:00
Region: South East
Description: FLEETWAY LEASING INC

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

23
East
1/4-1/2
2218 ft.
BELL IVY RIDGE CTL OFC
4344 TER ST
PHILADELPHIA, PA

UNREG LTANKS S105919476
N/A

Relative:
Higher
Actual:
234 ft.
UNREG LTANKS:
Region: South East
Class: Cleanup of Tanks using authorities other than Act 32
Closed: 8/7/1996
Contaminant: BTEX

E24
SW
1/4-1/2
2220 ft.
WN STEVENSON
246 ROCK HILL RD
BALA CYNWYD, PA

LUST 1006461113
N/A

Site 2 of 4 in cluster E

Relative:
Higher
Actual:
91 ft.
LUST:
Facility Id: 46-25575
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Inactive
Status Date: 1999-12-31 00:00:00
Release Date: 1989-08-05 00:00:00
Region: South East
Description: WN STEVENSON

25
NW
1/4-1/2
2224 ft.
SMURFIT STONE CONTAINER ENTERPRISES INC
5000 FLAT ROCK ROAD
PHILADELPHIA, PA 19127

FINDS 1000395734
TRIS 19127CNTNR50
UNREG LTANKS

Relative:
Higher
Actual:
39 ft.
FINDS:
Other Pertinent Environmental Activity Identified at Site

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

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

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

RACT/BACT/LAER Clearinghouse (RBLC) data base contains case-specific information

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SMURFIT STONE CONTAINER ENTERPRISES INC (Continued)

1000395734

on the 'Best Available' air pollution technologies that have been required to reduce the emission of air pollutants from stationary sources (e.g., power plants, steel mills, chemical plants, etc.). This information has been provided by State and local permitting agencies. The Clearinghouse also contains a regulation data base that summarizes EPA emission limits required in New Source Performance Standards (NSPS), National Emission Standards for Hazardous Air Pollutants (NESHAP), and Maximum Achievable Control Technology (MACT) standards.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

UNREG LTANKS:

Region: South East
Class: Cleanup of Tanks using authorities other than Act 32
Closed: Not reported
Contaminant: DIESEL FUEL

E26
SW
1/4-1/2
2265 ft.

OSLOU
238 ROCK HILL RD
LOWER MERION, PA

ACT 2-DEED S106873120
N/A

Site 3 of 4 in cluster E

Relative:
Higher

ACT 2-DEED:
Record ID: 223
Region: 4100
Cleanup Indicator: Not reported
Response Date: 5/17/1999
Category Description: Not reported
Land Designation Code: Not reported

Actual:
92 ft.

E27
SW
1/4-1/2
2265 ft.

OSLOU
238 ROCK HILL RD
ARDMORE, PA

VCP S106983616
N/A

Site 4 of 4 in cluster E

Relative:
Higher

VCP:
Rec ID: 539
Activity ID: Not reported
Municipality: Lower Merion
Region: 4100
Site Size: Not reported
Cleanup: Statewide Health
Cleanup Indicator: Not reported
Response Date: 5/17/1999
Category Desc: Not reported
Land Designation: Not reported

Actual:
92 ft.

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

Database(s) EDR ID Number
EPA ID Number

28 FRANCIS L MCKELVEY & SON
SW 225 ROCKHILL RD
1/4-1/2 BALA CYNWYD, PA
2302 ft.

LUST S105982014
N/A

Relative: LUST:
Higher Facility Id: 46-46645
Facility Type: Undergroung Storage Tank Containing Petroleum
Actual: Facility Status: **Cleanup Completed**
100 ft. Status Date: 2003-09-09 00:00:00
Release Date: 2003-07-01 00:00:00
Region: South East
Description: NOC

29 RICHARDS APEX
ESE 4202-24 MAIN ST
1/4-1/2 PHILADELPHIA, PA 19127
2323 ft.

LUST S105800717
AST N/A

Relative: LUST:
Higher Facility Id: 51-17330
Facility Type: Undergroung Storage Tank Containing Petroleum
Actual: Facility Status: **Inactive**
53 ft. Status Date: 1998-12-31 00:00:00
Release Date: 1989-08-05 00:00:00
Region: South East
Description: G WHITFIELD RICHARDS CO

AST:
Mailing Name: RICHARDS APEX INC
Mailing Address: 4202-24 MAIN ST
Mailing Address: Not reported
Mailing City,St,Zip: PHILADELPHIA, PA 19127-1698
Municipality: Philadelphia
Client Id: 144138
Site ID: 536055
Other Id: 51-17330
2nd Facility Addr: Not reported
Region Code: 4100
Region Code Name: EP SE Rgnl Off
Tank Code: AST
Tank Seq Num: 006A
Tank Capacity: 4000
Date Installed: 1968-12-01
Substance: UNREG
Tank Status: UNREG
Inspection Code: In Service
Tank Last Inspected: Not reported
Regulated Exp Date: 2007-02-04 00:00:00

Mailing Name: RICHARDS APEX INC
Mailing Address: 4202-24 MAIN ST
Mailing Address: Not reported
Mailing City,St,Zip: PHILADELPHIA, PA 19127-1698
Municipality: Philadelphia
Client Id: 144138
Site ID: 536055
Other Id: 51-17330
2nd Facility Addr: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

S105800717

RICHARDS APEX (Continued)

Region Code: 4100
Region Code Name: EP SE Rgnl Off
Tank Code: AST
Tank Seq Num: 003A
Tank Capacity: 7800
Date Installed: 1968-12-01
Substance: Other
Tank Status: OTHER
Inspection Code: In Service
Tank Last Inspected: 2001-07-02 00:00:00
Regulated Exp Date: 2007-02-04 00:00:00

Mailing Name: RICHARDS APEX INC
Mailing Address: 4202-24 MAIN ST
Mailing Address: Not reported
Mailing City,St,Zip: PHILADELPHIA, PA 19127-1698
Municipality: Philadelphia
Client Id: 144138
Site ID: 536055
Other Id: 51-17330
2nd Facility Addr: Not reported
Region Code: 4100
Region Code Name: EP SE Rgnl Off
Tank Code: AST
Tank Seq Num: 005A
Tank Capacity: 7800
Date Installed: 1968-12-01
Substance: Other
Tank Status: OTHER
Inspection Code: In Service
Tank Last Inspected: Not reported
Regulated Exp Date: 2007-02-04 00:00:00

Mailing Name: RICHARDS APEX INC
Mailing Address: 4202-24 MAIN ST
Mailing Address: Not reported
Mailing City,St,Zip: PHILADELPHIA, PA 19127-1698
Municipality: Philadelphia
Client Id: 144138
Site ID: 536055
Other Id: 51-17330
2nd Facility Addr: Not reported
Region Code: 4100
Region Code Name: EP SE Rgnl Off
Tank Code: AST
Tank Seq Num: 014A
Tank Capacity: 5400
Date Installed: 1974-04-01
Substance: Other
Tank Status: OTHER
Inspection Code: In Service
Tank Last Inspected: Not reported
Regulated Exp Date: 2007-02-04 00:00:00

Mailing Name: RICHARDS APEX INC
Mailing Address: 4202-24 MAIN ST
Mailing Address: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

RICHARDS APEX (Continued)

S105800717

Mailing City,St,Zip: PHILADELPHIA, PA 19127-1698
Municipality: Philadelphia
Client Id: 144138
Site ID: 536055
Other Id: 51-17330
2nd Facility Addr: Not reported
Region Code: 4100
Region Code Name: EP SE Rgnl Off
Tank Code: AST
Tank Seq Num: 012A
Tank Capacity: 11000
Date Installed: 1983-12-01
Substance: Other
Tank Status: OTHER
Inspection Code: In Service
Tank Last Inspected: Not reported
Regulated Exp Date: 2007-02-04 00:00:00

Mailing Name: RICHARDS APEX INC
Mailing Address: 4202-24 MAIN ST
Mailing Address: Not reported
Mailing City,St,Zip: PHILADELPHIA, PA 19127-1698
Municipality: Philadelphia
Client Id: 144138
Site ID: 536055
Other Id: 51-17330
2nd Facility Addr: Not reported
Region Code: 4100
Region Code Name: EP SE Rgnl Off
Tank Code: AST
Tank Seq Num: 015A
Tank Capacity: 5000
Date Installed: Not reported
Substance: Other
Tank Status: OTHER
Inspection Code: In Service
Tank Last Inspected: 2001-08-03 00:00:00
Regulated Exp Date: 2007-02-04 00:00:00

Mailing Name: RICHARDS APEX INC
Mailing Address: 4202-24 MAIN ST
Mailing Address: Not reported
Mailing City,St,Zip: PHILADELPHIA, PA 19127-1698
Municipality: Philadelphia
Client Id: 144138
Site ID: 536055
Other Id: 51-17330
2nd Facility Addr: Not reported
Region Code: 4100
Region Code Name: EP SE Rgnl Off
Tank Code: AST
Tank Seq Num: 017A
Tank Capacity: 4700
Date Installed: 2000-06-01
Substance: Other
Tank Status: OTHER
Inspection Code: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RICHARDS APEX (Continued)

S105800717

Tank Last Inspected: Not reported
Regulated Exp Date: 2007-02-04 00:00:00

Mailing Name: RICHARDS APEX INC
Mailing Address: 4202-24 MAIN ST
Mailing Address: Not reported
Mailing City,St,Zip: PHILADELPHIA, PA 19127-1698
Municipality: Philadelphia
Client Id: 144138
Site ID: 536055
Other Id: 51-17330
2nd Facility Addr: Not reported
Region Code: 4100
Region Code Name: EP SE Rgnl Off
Tank Code: AST
Tank Seq Num: 016A
Tank Capacity: 1800
Date Installed: 2001-01-18
Substance: UNREG
Tank Status: UNREG
Inspection Code: In Service
Tank Last Inspected: Not reported
Regulated Exp Date: 2007-02-04 00:00:00

Mailing Name: RICHARDS APEX INC
Mailing Address: 4202-24 MAIN ST
Mailing Address: Not reported
Mailing City,St,Zip: PHILADELPHIA, PA 19127-1698
Municipality: Philadelphia
Client Id: 144138
Site ID: 536055
Other Id: 51-17330
2nd Facility Addr: Not reported
Region Code: 4100
Region Code Name: EP SE Rgnl Off
Tank Code: AST
Tank Seq Num: 019A
Tank Capacity: 7800
Date Installed: 2002-01-01
Substance: Other
Tank Status: OTHER
Inspection Code: In Service
Tank Last Inspected: Not reported
Regulated Exp Date: 2007-02-04 00:00:00

Mailing Name: RICHARDS APEX INC
Mailing Address: 4202-24 MAIN ST
Mailing Address: Not reported
Mailing City,St,Zip: PHILADELPHIA, PA 19127-1698
Municipality: Philadelphia
Client Id: 144138
Site ID: 536055
Other Id: 51-17330
2nd Facility Addr: Not reported
Region Code: 4100
Region Code Name: EP SE Rgnl Off
Tank Code: AST

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

S105800717

RICHARDS APEX (Continued)

Tank Seq Num: 009A
Tank Capacity: 6000
Date Installed: 1977-12-01
Substance: Other
Tank Status: OTHER
Inspection Code: Out of Service
Tank Last Inspected: 2001-07-03 00:00:00
Regulated Exp Date: 2007-02-04 00:00:00

Mailing Name: RICHARDS APEX INC
Mailing Address: 4202-24 MAIN ST
Mailing Address: Not reported
Mailing City,St,Zip: PHILADELPHIA, PA 19127-1698
Municipality: Philadelphia
Client Id: 144138
Site ID: 536055
Other Id: 51-17330
2nd Facility Addr: Not reported
Region Code: 4100
Region Code Name: EP SE Rgnl Off
Tank Code: AST
Tank Seq Num: 018A
Tank Capacity: 1800
Date Installed: 2000-09-01
Substance: UNREG
Tank Status: UNREG
Inspection Code: Not reported
Tank Last Inspected: Not reported
Regulated Exp Date: 2007-02-04 00:00:00

Mailing Name: RICHARDS APEX INC
Mailing Address: 4202-24 MAIN ST
Mailing Address: Not reported
Mailing City,St,Zip: PHILADELPHIA, PA 19127-1698
Municipality: Philadelphia
Client Id: 144138
Site ID: 536055
Other Id: 51-17330
2nd Facility Addr: Not reported
Region Code: 4100
Region Code Name: EP SE Rgnl Off
Tank Code: AST
Tank Seq Num: 003A
Tank Capacity: 7800
Date Installed: 1968-12-01
Substance: Other
Tank Status: OTHER
Inspection Code: Out of Service
Tank Last Inspected: 2001-07-02 00:00:00
Regulated Exp Date: 2007-02-04 00:00:00

Mailing Name: RICHARDS APEX INC
Mailing Address: 4202-24 MAIN ST
Mailing Address: Not reported
Mailing City,St,Zip: PHILADELPHIA, PA 19127-1698
Municipality: Philadelphia
Client Id: 144138

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

S105800717

RICHARDS APEX (Continued)

Site ID: 536055
Other Id: 51-17330
2nd Facility Addr: Not reported
Region Code: 4100
Region Code Name: EP SE Rgnl Off
Tank Code: AST
Tank Seq Num: 008A
Tank Capacity: 1800
Date Installed: 1968-12-01
Substance: OTORG
Tank Status: OTORG
Inspection Code: In Service
Tank Last Inspected: Not reported
Regulated Exp Date: 2007-02-04 00:00:00

Mailing Name: RICHARDS APEX INC
Mailing Address: 4202-24 MAIN ST
Mailing Address: Not reported
Mailing City,St,Zip: PHILADELPHIA, PA 19127-1698
Municipality: Philadelphia
Client Id: 144138
Site ID: 536055
Other Id: 51-17330
2nd Facility Addr: Not reported
Region Code: 4100
Region Code Name: EP SE Rgnl Off
Tank Code: AST
Tank Seq Num: 009A
Tank Capacity: 6000
Date Installed: 1977-12-01
Substance: Other
Tank Status: OTHER
Inspection Code: In Service
Tank Last Inspected: 2001-07-03 00:00:00
Regulated Exp Date: 2007-02-04 00:00:00

F30
NNW
1/4-1/2
2453 ft.

MANAYUNK CANAL ASH DISPOSAL SITE
5000 UMBRIA ST BEHIND ROBINSON STEEL
PHILADELPHIA, PA 19128

CERC-NFRAP 1003866500
PAD982367724

Site 1 of 2 in cluster F

Relative:
Higher

CERC-NFRAP:
Site ID: 0303342
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

Actual:
92 ft.

Site Description: ASH FROM NORTHWEST INCINERATOR DISPOSED AT SITE.

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 02/24/1988
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MANAYUNK CANAL ASH DISPOSAL SITE (Continued)

EDR ID Number
EPA ID Number

Database(s)

1003866500

Date Completed: 03/08/1988
Priority Level: NFRAP (No Further Remedial Action Planned)

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 03/08/1988
Priority Level: Not reported

F31
NNW
1/4-1/2
2453 ft.

PENN BEER DIST SITE
PARKER AVE / UMBRIA ST
PHILADELPHIA, PA

VCP S107417819
N/A

Site 2 of 2 in cluster F

Relative:
Higher

VCP:

Actual:
92 ft.

Rec ID: Not reported
Activity ID: 30334
Municipality: Philadelphia
Region: 4100
Site Size: Not reported
Cleanup: Not reported
Cleanup Indicator: Not reported
Response Date: Not reported
Category Desc: Not reported
Land Designation: Not reported

Rec ID: Not reported
Activity ID: 30335
Municipality: Philadelphia
Region: 4100
Site Size: Not reported
Cleanup: Not reported
Cleanup Indicator: Not reported
Response Date: Not reported
Category Desc: Not reported
Land Designation: Not reported

32
East
1/4-1/2
2500 ft.

ROXBOROUGH MERCURY ER
4227 BOONE STREET
PHILADELPHIA, PA 19128

CERC-NFRAP 1004654881
PA0001408780

Relative:
Higher

CERC-NFRAP:

Actual:
206 ft.

Site ID: 0305217
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 04/18/1996
Priority Level: Not reported

Action: REMOVAL ASSESSMENT

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ROXBOROUGH MERCURY ER (Continued)

1004654881

Date Started: 04/19/1996
Date Completed: 04/19/1996
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 08/13/1996
Date Completed: 08/13/1996
Priority Level: NFRAP (No Further Remedial Action Planned)

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 02/15/2001
Priority Level: Not reported

G33 BELMONT AMOCO
SSW 726 BELMONT AVE
1/4-1/2 BALA CYNWYD, PA 19004
2558 ft.

LUST U003772324
VCP N/A
ARCHIVE UST

Site 1 of 2 in cluster G

Relative:
Higher

LUST:
Facility Id: 46-29718
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 2002-06-04 00:00:00
Release Date: 1989-08-05 00:00:00
Region: South East
Description: AMOCO 1277

Actual:
150 ft.

Facility Id: 46-29718
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 2002-06-04 00:00:00
Release Date: 1991-11-26 00:00:00
Region: South East
Description: BELMONT AMOCO

VCP:

Rec ID: 532
Activity ID: Not reported
Municipality: Lower Merion
Region: 4100
Site Size: Not reported
Cleanup: Statewide Health
Cleanup Indicator: Not reported
Response Date: 10/28/2003
Category Desc: Lead, Leaded Gasoline, PAH, Unleaded Gasoline
Land Designation: Not reported

Rec ID: Not reported
Activity ID: 32338
Municipality: Lower Merion
Region: 4100
Site Size: Not reported
Cleanup: Not reported
Cleanup Indicator: Not reported
Response Date: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

BELMONT AMOCO (Continued)

U003772324

Category Desc: Not reported
Land Designation: Not reported

ARCHIVE UST:

Facility Id:	583802	Site ID:	Not reported
Tank Id:	Not reported	Tank Sequence #:	001
Other Id:	46-29718	Tank Code:	UST
Client Date:	44432	Municipality:	Lower Merion
Install Date:	08/17/97	Status:	Temporarily Out of use
Substance:	GAS	Capacity:	10000
Owner Id:	Not reported		
Owner Name:	Not reported		
Owner Address:	Not reported		
Owner Address 2:	Not reported		
Owner City,St,Zip:	Not reported		
Owner Phone:	Not reported		
County Code:	Not reported		
Resp Party Name:	BP PROD NORTH AMER INC		
RP Address:	1 W PENNSYLVANIA AVE		
RP Address 2:	Not reported		
RP City,St,Zip:	TOWSON, MD 21204-5025		
Region Code:	4100		
Region Code Name:	SE REGIONAL OFFICE NORRISTOWN		
Regulated Expire Date:	02/04/04		
Inspection Code:	FOI		
Last Inspection:	/ /		
Status Code End Date:	Not reported		
Tank Substance End Date:	Not reported		

Facility Id:	583802	Site ID:	Not reported
Tank Id:	Not reported	Tank Sequence #:	002
Other Id:	46-29718	Tank Code:	UST
Client Date:	44432	Municipality:	Lower Merion
Install Date:	08/17/97	Status:	Temporarily Out of use
Substance:	GAS	Capacity:	8000
Owner Id:	Not reported		
Owner Name:	Not reported		
Owner Address:	Not reported		
Owner Address 2:	Not reported		
Owner City,St,Zip:	Not reported		
Owner Phone:	Not reported		
County Code:	Not reported		
Resp Party Name:	BP PROD NORTH AMER INC		
RP Address:	1 W PENNSYLVANIA AVE		
RP Address 2:	Not reported		
RP City,St,Zip:	TOWSON, MD 21204-5025		
Region Code:	4100		
Region Code Name:	SE REGIONAL OFFICE NORRISTOWN		
Regulated Expire Date:	02/04/04		
Inspection Code:	FOI		
Last Inspection:	/ /		
Status Code End Date:	Not reported		
Tank Substance End Date:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

G34
SSW
1/4-1/2
2558 ft.

COASTAL SVC STA
726 BELMONT AVE
LOWER MERION, PA

ACT 2-DEED
S106873116
N/A

Site 2 of 2 in cluster G

Relative:
Higher

ACT 2-DEED:

Record ID: 220
Region: 4100
Cleanup Indicator: Not reported
Response Date: 10/28/2003
Category Description: Lead, Leaded Gasoline, PAH, Unleaded Gasoline
Land Designation Code: Not reported

Actual:
150 ft.

35
ENE
1/4-1/2
2622 ft.

HOWARD RES
4414 MANAYUNK AVE
PHILADELPHIA, PA

UNREG LTANKS
S105919599
N/A

Relative:
Higher

UNREG LTANKS:

Region: South East
Class: Cleanup of Tanks using authorities other than Act 32
Closed: Not reported
Contaminant: FUEL OIL #2

Actual:
263 ft.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BALA CYNWYD	1004774242	EXXON RAS NO 20454	500 BELMONT & LEVERING MILL RD	19004	RCRA-SQG, FINDS, LUST
PHILADELPHIA	93318115	NO. 1 WASHINGTON AVENUE	NO. 1 WASHINGTON AVENUE		ERNS
PHILADELPHIA	91205798	ROUTE 291 AND STEWART AVENUE	ROUTE 291 AND STEWART AVENUE		ERNS
PHILADELPHIA	S107693878	RICHARDS APEX INC. JW RICHARDS CO	4202 - 4210 MAIN ST	19127	PA MANIFEST
PHILADELPHIA	1003866499	UMBRIA ST ASH DISPOSAL SITE	5000 BLOCK OF UMBRIA ST	19128	CERC-NFRAP
PHILADELPHIA	2002615535	FLAT ROCK RD	FLAT ROCK RD		ERNS
PHILADELPHIA	S108056241	NAMICO PLT	4600 4601 FLAT ROCK RD		ACT 2-DEED
PHILADELPHIA	1009245766	DIVERSIFIED MARKETING	161 LEVERINGTON AVENUE	19127	NY MANIFEST
PHILADELPHIA	S105954896	SITE	PARKER AVE AND UMBRIA AVE		HIST LF
PHILADELPHIA	96490050	PENNYPACK PARK AVE WELSH ROAD FRAM	PENNYPACK PARK AVE WELSH ROAD		ERNS
BELMONT HILLS	1004773289	SUNOCO SVC STA	BELMONT & JEFFERSON STS	19004	RCRA-SQG, FINDS
PHILADELPHIA	96507480	NO. 4 HOG ISLAND ROAD / NORTH PIER	NO. 4 HOG ISLAND ROAD / NORTH		ERNS
PHILADELPHIA	98443338	INTERSTATE 95 AT WOODHAVEN ROAD	INTERSTATE 95 AT WOODHAVEN ROA		ERNS
PHILADELPHIA	94397030	AROUND 26TH AVENUE NEAR CHEVRON	AROUND 26TH AVENUE NEAR CHEVRO		ERNS
PHILADELPHIA	900111319	ATOMIC TIRE & AUTO SERVICE (215) 6	ATOMIC TIRE & AUTO SERVICE (21		ERNS
PHILADELPHIA	2004714948	7TH AVENUE	7TH AVENUE		ERNS
PHILADELPHIA	S105800661	FIRE SITE 147	BELMONT VIOLA		LUST
PHILADELPHIA	94388068	6700 BLOCK UNRUL AVENUE & STATE RO	6700 BLOCK UNRUL AVENUE & STAT		ERNS
PHILADELPHIA	93337606	5137 BLY AVENUE; PORT RICHMOND ARE	5137 BLY AVENUE; PORT RICHMOND		ERNS
PHILADELPHIA	92250137	BUSTLETON AVENUE 250FT. SOUTH OF	BUSTLETON AVENUE 250FT. SOUTH		ERNS

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.

FEDERAL RECORDS

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: 07/05/2006
Date Data Arrived at EDR: 08/02/2006
Date Made Active in Reports: 09/12/2006
Number of Days to Update: 41

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2006
Next Scheduled EDR Contact: 01/29/2007
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 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 07/05/2006
Date Data Arrived at EDR: 08/02/2006
Date Made Active in Reports: 09/12/2006
Number of Days to Update: 41

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2006
Next Scheduled EDR Contact: 01/29/2007
Data Release Frequency: Quarterly

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: 07/05/2006
Date Data Arrived at EDR: 08/02/2006
Date Made Active in Reports: 09/12/2006
Number of Days to Update: 41

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2006
Next Scheduled EDR Contact: 01/29/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL RECOVERY: 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
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: No Update Planned

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: 06/19/2006
Date Data Arrived at EDR: 06/22/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 62

Source: EPA
Telephone: 703-603-8960
Last EDR Contact: 09/21/2006
Next Scheduled EDR Contact: 12/18/2006
Data Release Frequency: Quarterly

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: 07/17/2006
Date Data Arrived at EDR: 08/02/2006
Date Made Active in Reports: 09/12/2006
Number of Days to Update: 41

Source: EPA
Telephone: 703-603-8960
Last EDR Contact: 09/18/2006
Next Scheduled EDR Contact: 12/18/2006
Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2006
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/05/2006
Next Scheduled EDR Contact: 12/04/2006
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006
Date Data Arrived at EDR: 06/28/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 56

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/28/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 01/12/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 40

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Last EDR Contact: 10/24/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 07/03/2006
Date Data Arrived at EDR: 07/19/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 35

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/18/2006
Next Scheduled EDR Contact: 01/15/2007
Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 03/21/2006
Date Data Arrived at EDR: 03/27/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 09/07/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 03/21/2006
Date Data Arrived at EDR: 03/27/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 09/07/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 08/11/2006
Next Scheduled EDR Contact: 11/06/2006
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: 12/05/2005
Date Data Arrived at EDR: 01/19/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 33

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/18/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

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: 07/10/2006
Date Data Arrived at EDR: 07/13/2006
Date Made Active in Reports: 09/06/2006
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/11/2006
Next Scheduled EDR Contact: 12/11/2006
Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/14/2004
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 04/25/2005
Number of Days to Update: 69

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 07/10/2006
Date Data Arrived at EDR: 07/21/2006
Date Made Active in Reports: 09/06/2006
Number of Days to Update: 47

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/02/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Annually

22





EDR® Environmental
Data Resources Inc

EDR Historical Topographic Map Report

**Leverington Avenue/Flat Rock Road
Leverington Avenue/Flat Rock Road
Philadelphia, PA 19127**

Inquiry Number: 1789619.4

November 03, 2006

The Standard in Environmental Risk Management Information

**440 Wheelers Farms Rd
Milford, Connecticut 06461**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

EDR Historical Topographic Map Report

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

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

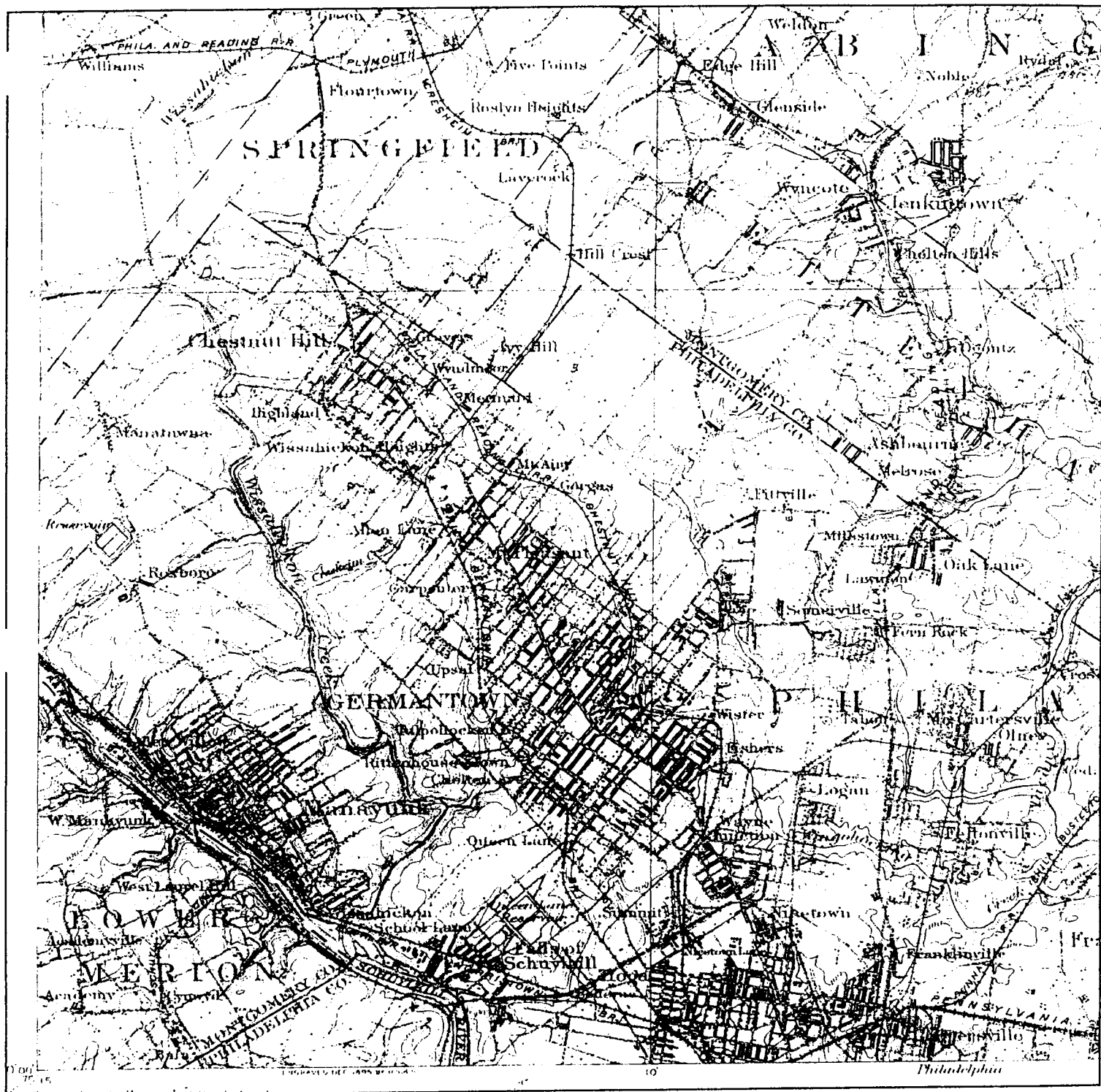
Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

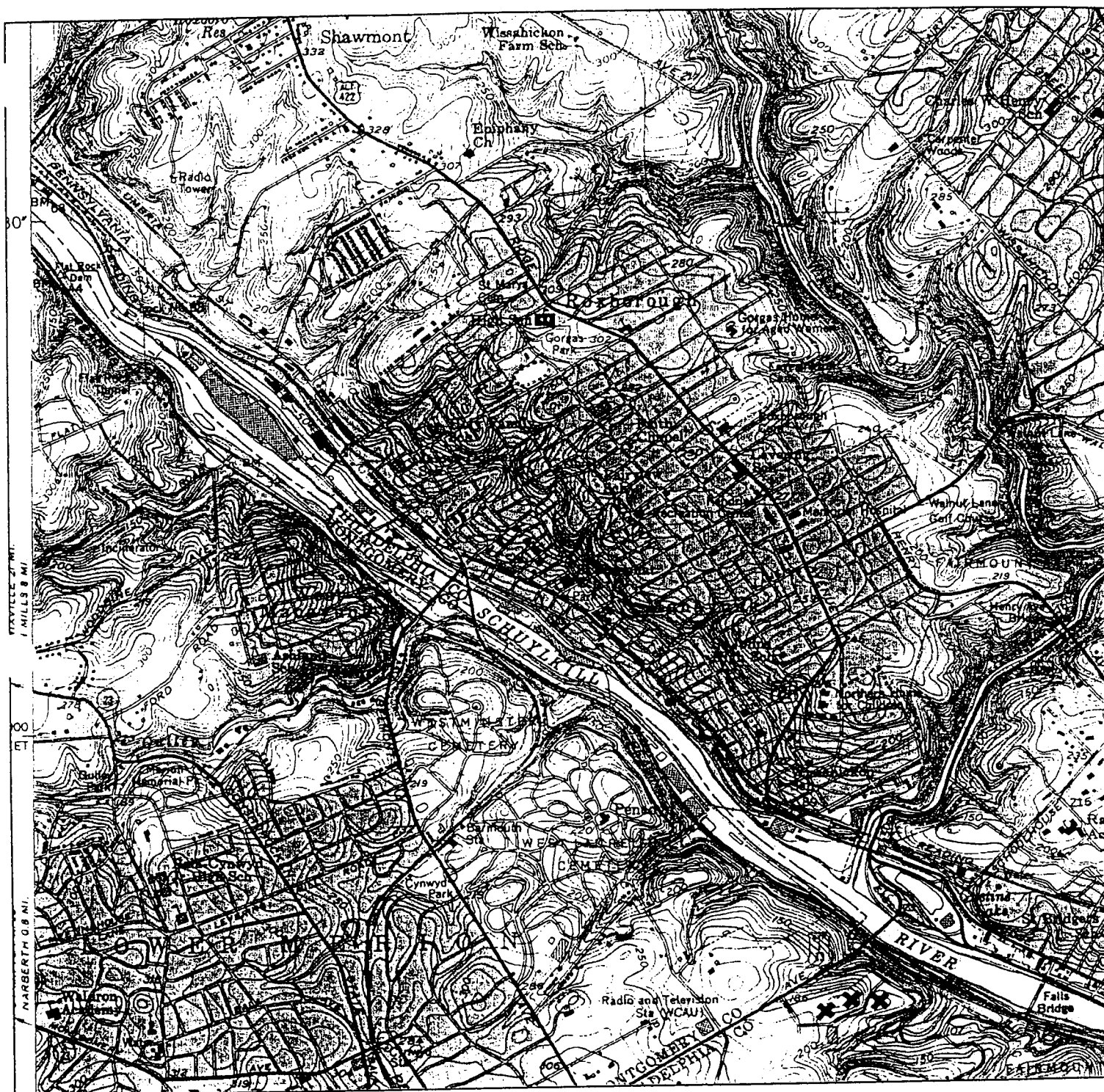
EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Historical Topographic Map



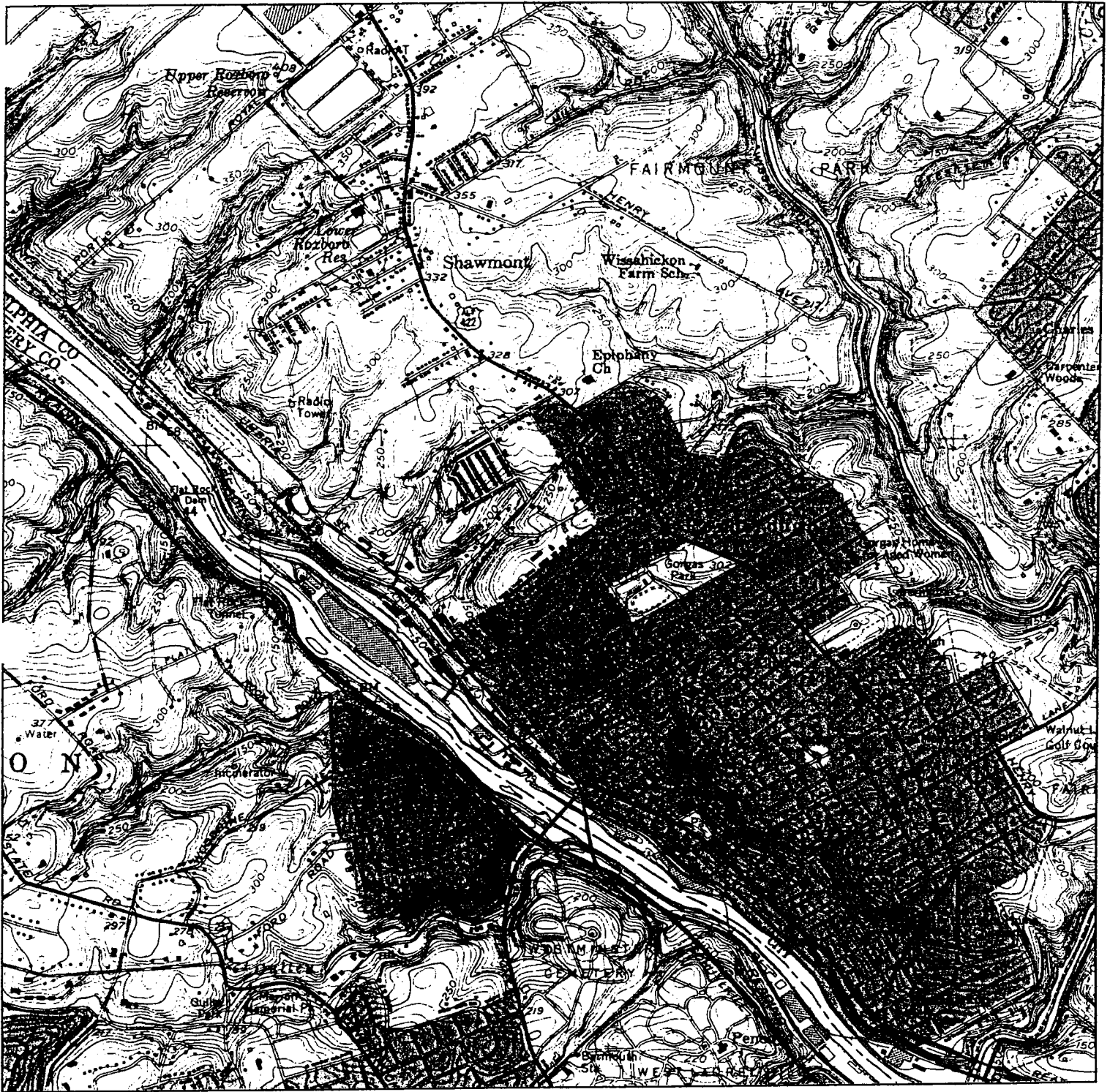
<p>N ↑</p>	<p>TARGET QUAD NAME: GERMANTOWN MAP YEAR: 1899</p> <p>SERIES: 15 SCALE: 1:62500</p>	<p>SITE NAME: Leverington Avenue/Flat Rock Road</p> <p>ADDRESS: Leverington Avenue/Flat Rock Road</p> <p>Philadelphia, PA 19127</p> <p>LAT/LONG: 40.0284 / 75.2307</p>	<p>CLIENT: AMEC</p> <p>CONTACT: Steven Tanen</p> <p>INQUIRY#: 1789619.4</p> <p>RESEARCH DATE: 11/03/2006</p>
----------------	---	--	--

Historical Topographic Map



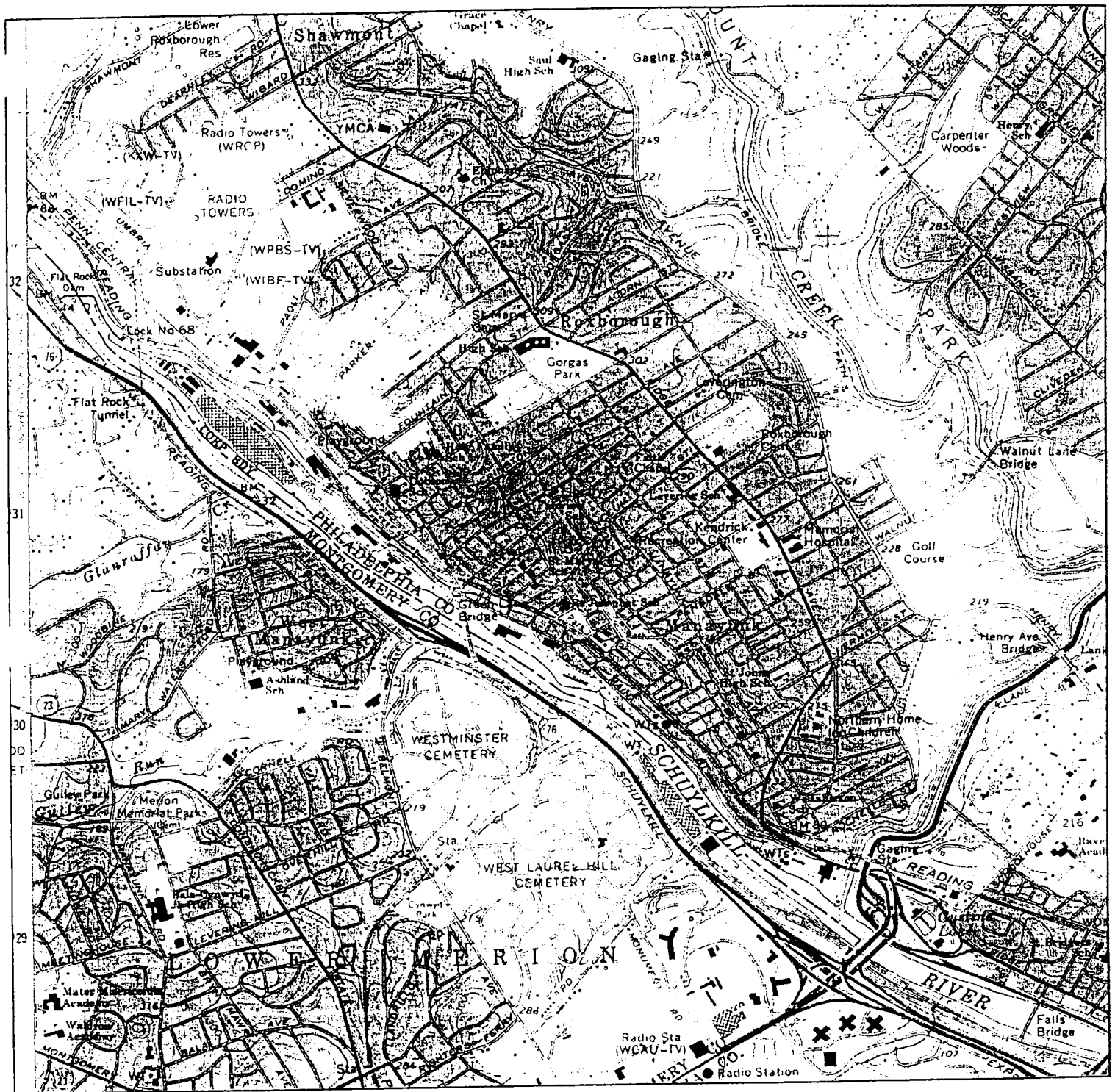
<p>N</p> <p>1</p>	<p>TARGET QUAD</p> <p>NAME: GERMANTOWN</p> <p>MAP YEAR: 1952</p> <p>SERIES: 7.5</p> <p>SCALE: 1:24000</p>	<p>SITE NAME: Leverington Avenue/Flat Rock Road</p> <p>ADDRESS: Leverington Avenue/Flat Rock Road</p> <p>Philadelphia, PA 19127</p> <p>LAT/LONG: 40.0284 / 75.2307</p>	<p>CLIENT: AMEC</p> <p>CONTACT: Steven Tanen</p> <p>INQUIRY#: 1789619.4</p> <p>RESEARCH DATE: 11/03/2006</p>
-------------------	---	--	--

Historical Topographic Map



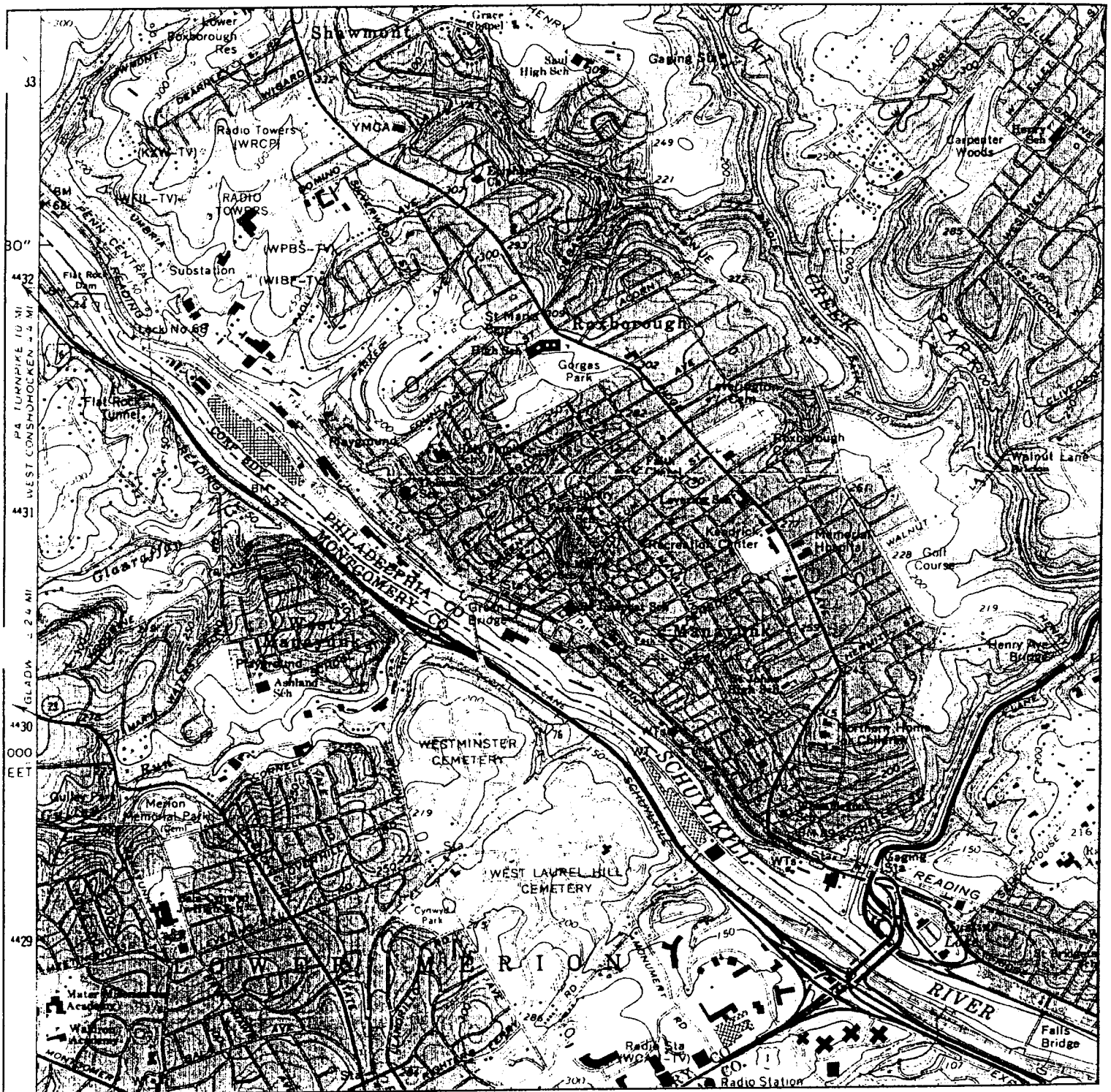
<p>N </p>	<p>TARGET QUAD NAME: PHILADELPHIA VICINITY WEST 2 MAP YEAR: 1956 SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Leverington Avenue/Flat Rock Road ADDRESS: Leverington Avenue/Flat Rock Road Philadelphia, PA 19127 LAT/LONG: 40.0284 / 75.2307</p>	<p>CLIENT: AMEC CONTACT: Steven Tanen INQUIRY#: 1789619.4 RESEARCH DATE: 11/03/2006</p>
----------------	--	--	---

Historical Topographic Map



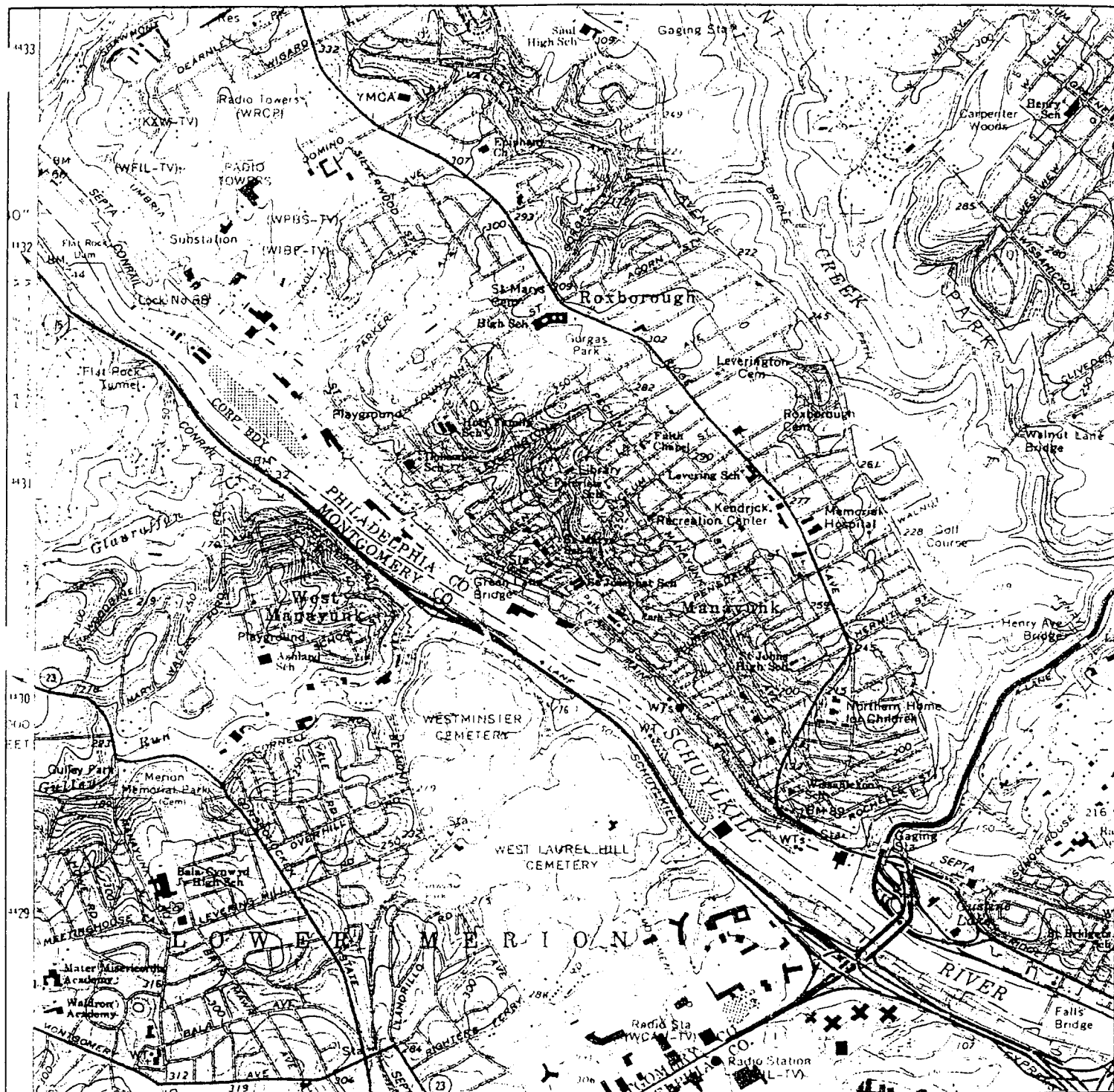
<p>N ↑</p>	<p>TARGET QUAD NAME: GERMANTOWN MAP YEAR: 1967</p> <p>SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Leverington Avenue/Flat Rock Road</p> <p>ADDRESS: Leverington Avenue/Flat Rock Road</p> <p>Philadelphia, PA 19127</p> <p>LAT/LONG: 40.0284 / 75.2307</p>	<p>CLIENT: AMEC</p> <p>CONTACT: Steven Tanen</p> <p>INQUIRY#: 1789619.4</p> <p>RESEARCH DATE: 11/03/2006</p>
----------------	--	--	--

Historical Topographic Map



<p>N I</p>	<p>TARGET QUAD NAME: GERMANTOWN MAP YEAR: 1973 PHOTOREVISED FROM: 1967 SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Leverington Avenue/Flat Rock Road ADDRESS: Leverington Avenue/Flat Rock Road Philadelphia, PA 19127 LAT/LONG: 40.0284 / 75.2307</p>	<p>CLIENT: AMEC CONTACT: Steven Tanen INQUIRY#: 1789619.4 RESEARCH DATE: 11/03/2006</p>
----------------	---	---	---

Historical Topographic Map



<p>N</p> <p>TARGET QUAD NAME: GERMANTOWN MAP YEAR: 1983 PHOTOREVISED FROM: 1967 SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Leverington Avenue/Flat Rock Road</p> <p>ADDRESS: Leverington Avenue/Flat Rock Road</p> <p>Philadelphia, PA 19127</p> <p>LAT/LONG: 40.0284 / 75.2307</p>	<p>CLIENT: AMEC</p> <p>CONTACT: Steven Tanen</p> <p>INQUIRY#: 1789619.4</p> <p>RESEARCH DATE: 11/03/2006</p>
--	--	--

SECTION 7

SANBORN MAP REPORT

A review of Sanborn Fire Insurance Maps for the subject site found maps for the years 1923, 1950, 1976, 1978, and 1989. The following information is offered:

1923: The subject site is occupied by numerous structures labeled for storage, office space, a waste mill, and a machine shop. This portion of the site is identified as National Waste Company. Southeast of National Waste Company lies the Philadelphia hydro-electric power station. This building is located on both land and water. There is also a dam protruding from the building. Across the water, further southeast of the electric facility is a large building occupied by Joseph Adams Company. A coal pile is labeled on the maps northwest of this building. There are also numerous AST's at this portion of the property. The subject property bound to the northeast by the Schuylkill Canal, to the southwest by the Schuylkill River and to the northwest by Leverington Avenue followed by large buildings occupied by Simister Mills Company

1950: The northwest portion of the site is occupied by three commercial buildings. The northernmost building is utilized as a machine shop. The remaining two buildings are occupied by Atlas Supply Company. The map indicates that they were manufacturers of building adhesives. There are six underground storage tanks located southeast of the Atlas Supply Company building. The sixth tank is labeled as being a fuel oil tank. Southeast of the Atlas Supply Company facility lies the Philadelphia hydro-electric power station and dam. The buildings located southeast of the electric facility are no longer present. Surround properties include the Schuylkill Canal, Schuylkill River, and Leverington Avenue followed by a vacant lot.

1976: The northwest portion of the site remains occupied by the machine shop and two buildings utilized by Atlas Supply Company. the underground tanks displayed on the 1950 map are still present. The building and dam occupied by the Philadelphia hydro-electric power station appears to have been razed. The dam and inlet in this area appears to have been filled. A large commercial building occupied by Mrs. Paul's Kitchens is now present. The surrounding land use is similar to the 1950 map.

1978: The machine shop at the northwest portion of the site is no longer present. The buildings formerly occupied by Atlas Supply Company are now occupied by Mrs. Paul's Kitchens. The underground tanks displayed on the 1950 map are still present. However, the 1978 map indicates that they were not being used at this time. The surrounding land use is similar to the 1976 map.

P.H.S Environmental, Inc.

1989: The map shows the subject site as vacant land. Surround land use remains essentially unchanged from the 1978 map.



Sanborn® Map Report

USER'S GUIDE

This User's Guide provides guidelines for accessing Sanborn Map® images and for transferring them to your Word Processor.

Finding Sanborn Maps

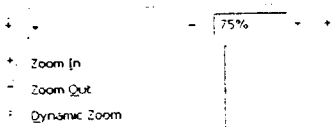
Sanborn Maps document historical property use by displaying property information through words, abbreviations, and map symbols. The Sanborn Map Key provides information to help interpret the symbols and abbreviations used on Sanborn Maps. The Key is available from EDR's Web Site at: <http://www.edmet.com/reports/samples/key.pdf>

Organization of Electronic Sanborn Image File

- Sanborn Map Report, listing years of coverage
- User's Guide
- Oldest Sanborn Map Image
- Most recent Sanborn Map Image

Navigating the Electronic Sanborn Image File

1. Open file on screen.
2. Identify TP (Target Property) on the most recent map.
3. Find TP on older printed images.
4. Using Acrobat® Reader®, zoom to 250% in order to view more clearly. (200-250% is the approximate equivalent scale of hardcopy Sanborn Maps.)
 - A. On the menu bar, click "View" and then "Zoom to..."
 - B. Or, use the magnifying tool and drag a box around the TP

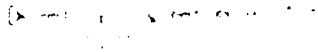


Printing a Sanborn Map From the Electronic File

- EDR recommends printing images at 300 dpi (300 dpi prints faster than 600 dpi)
- To print only the TP area, cut and paste from Acrobat to your word processor application.

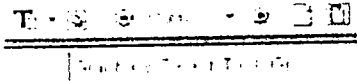
Acrobat Versions 6 and 7

1. Go to the menu bar
2. Click the "Select Tool"
3. Draw a box around the area selected
4. "Right click" on your mouse
5. Select "Copy Image to Clipboard"
6. Go to Word Processor such as Microsoft Word, paste and print.



Acrobat Version 5

1. Go to the menu bar
2. Click the "Graphics Select Tool"
3. Draw a box around the area selected
4. Go to "Menu"
5. Highlight "Edit"
6. Highlight "Copy"
7. Go to Word Processor such as Microsoft Word, paste and print.



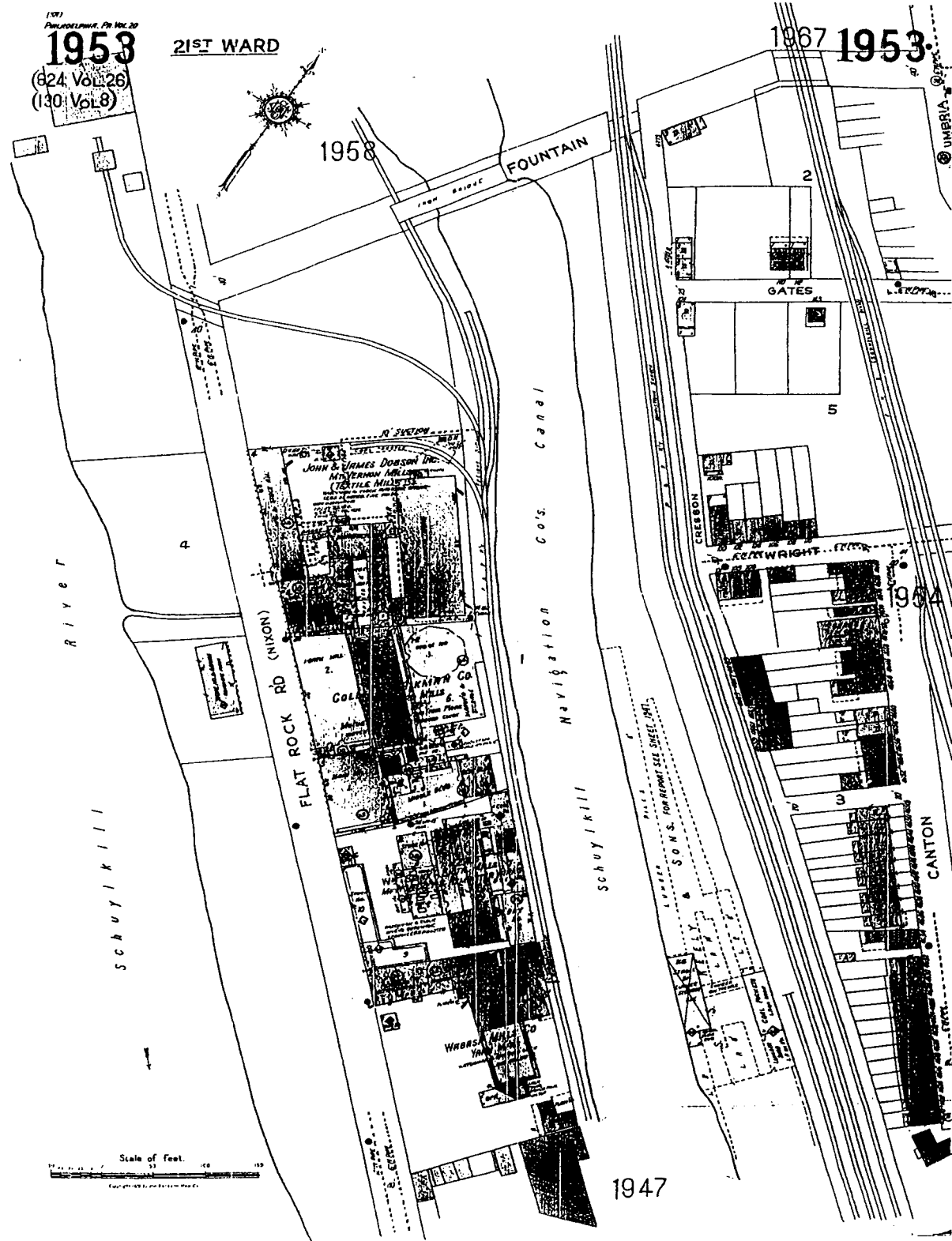
Important Information about Email Delivery of Electronic Sanborn Map Images

- Images are grouped into one file, up to 2MB.
- In cases where in excess of 6-7 map years are available, the file size typically exceeds 2MB. In these cases, you will receive multiple files, labeled as "1 of 3", "2 of 3", etc. including all available map years.
- Due to file size limitations, certain ISPs, including AOL, may occasionally delay or decline to deliver files. Please contact your ISP to identify their specific file size limitations.



Copyright© 1923 The Sanborn Library, LLC JW

Reproduction in whole or in part of any map of The Sanborn Library, U.C. may be prohibited without prior written permission from The Sanborn Library, U.C.



PHILADELPHIA, PA. VOL 20.
1947
(624-VOL 26)
(129-130-VOL 8)

21 STWARD

1953

1947

19/54

1948

1941

1941



The Sanborn Library, LLC

Copyright © 1923 The Sanborn Library, LLC JW
For Research & Education

Reproduction in whole or in part of any map of The Rand McNally Library, Ltd. may be provided without prior written permission from The Rand McNally Library, Ltd.



The Sanborn Library, LLC

Copyright © 1950 The Sanborn Library, LLC
Year: 1953
EOR Research Associates

Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.

1953
(624 Vol. 26)
(130 Vol. 8)

21ST WARD

1958

FOUNTAIN

1967 1953

UMBERA

GATES

5

1944

CANTON

1947

Scale of Feet.
0 50 100
Fig. 100-1000 N. 100-1000 W. 100-1000 E.



PHILADELPHIA, PA. VOL. 10.
1947
(624-Vol. 26)
(129-130-Vol. 8)

PA. 051
21 ST WARD

1953

1947

1954

1948

1941

1941

SCHUYKILL RIVER

SCHUYKILL NAVIGATION CO'S CANAL

MAIN

LEVERINGTON AV.

CANTON ST.

CANTON

LINNEY ST.

RIPKA

UMBRIA

MALLORY ST.

HIGH

QUERREY ST.

LEVERINGTON

MC GEE'S MARINE CO.

SUPPLY CO.

PHILADELPHIA ELECTRIC CO.
(PHILADELPHIA ELECTRIC CO.)
POWER STATION
AND CITY LIGHTS

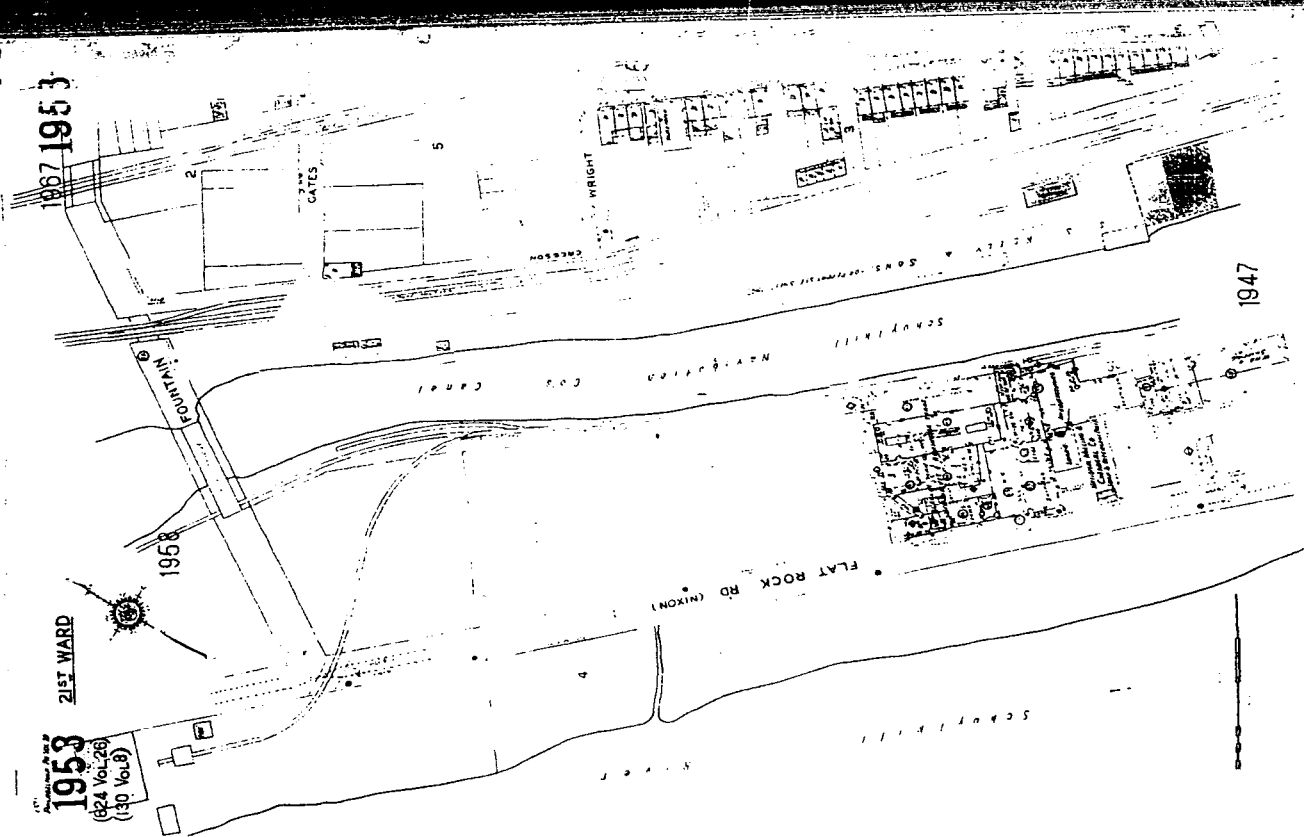
Scale of Feet

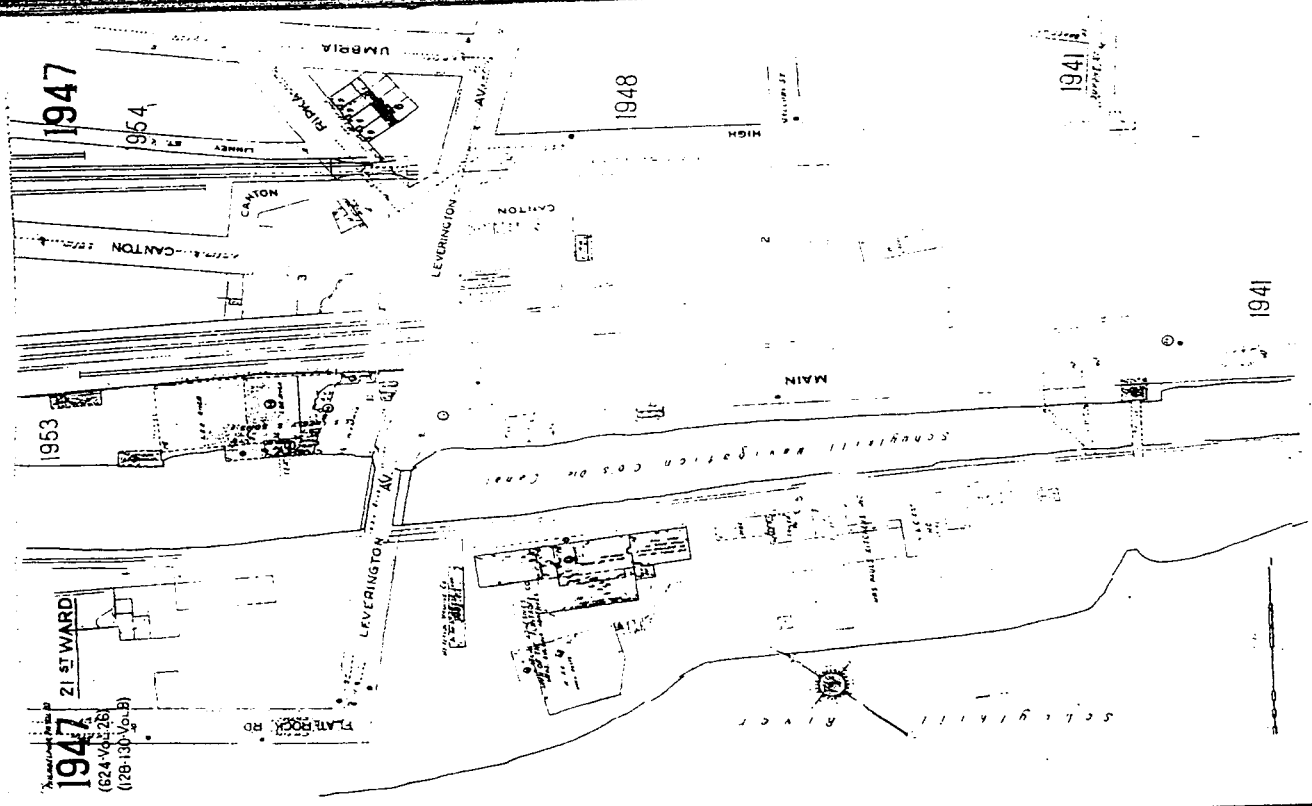


The Sanborn Library, LLC

Copyrighted 1950 The Sanborn Library, LLC

Reproduction in whole or in part of any map of The Sanborn Library, LLC may be purchased without prior written permission from The Sanborn Library, LLC.





PHILADELPHIA PATROL
1947
(624-Vol. 28)
(129-130-Vol. B)

21 ST WARD

1953

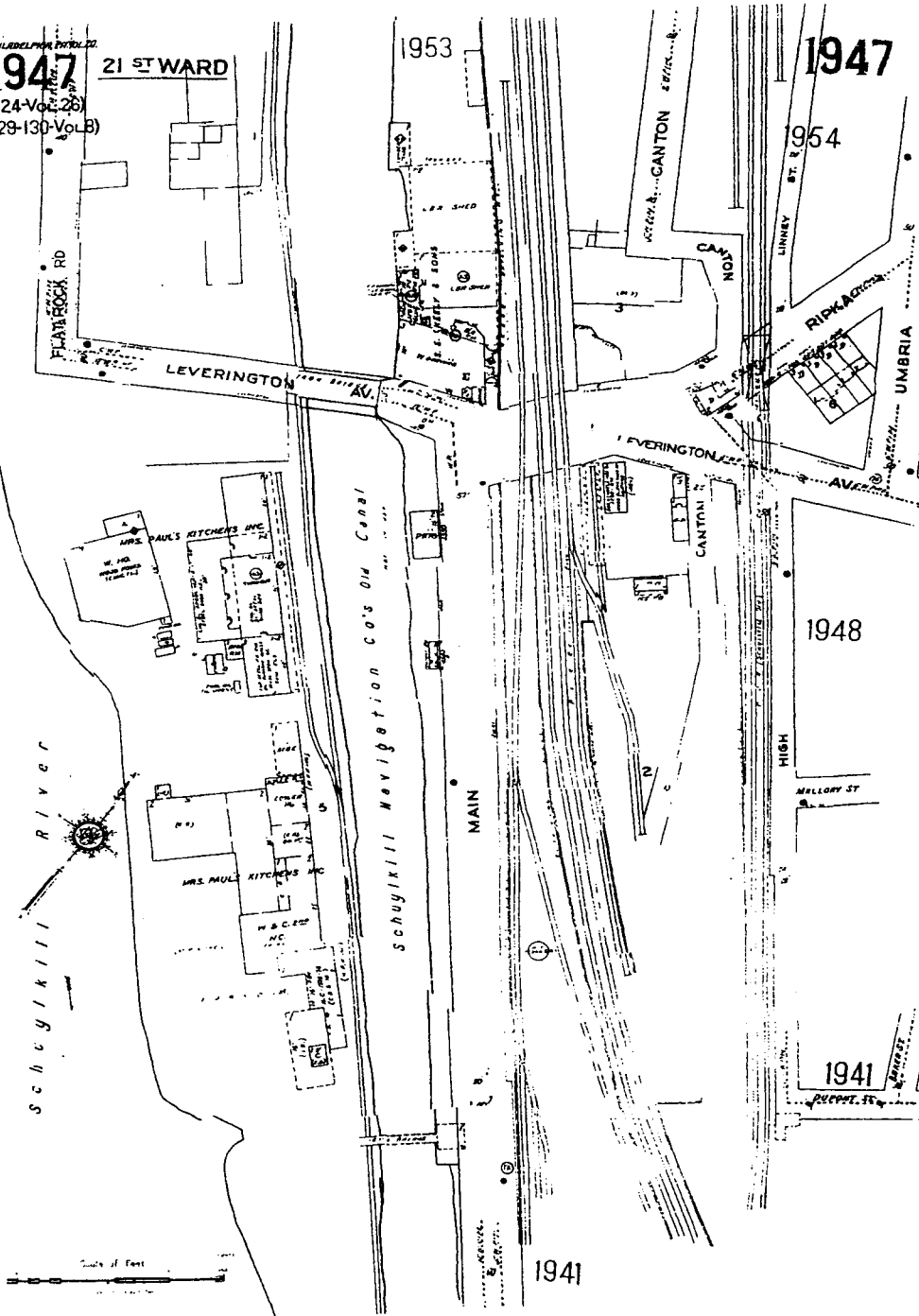
1947

1954

1948

1941

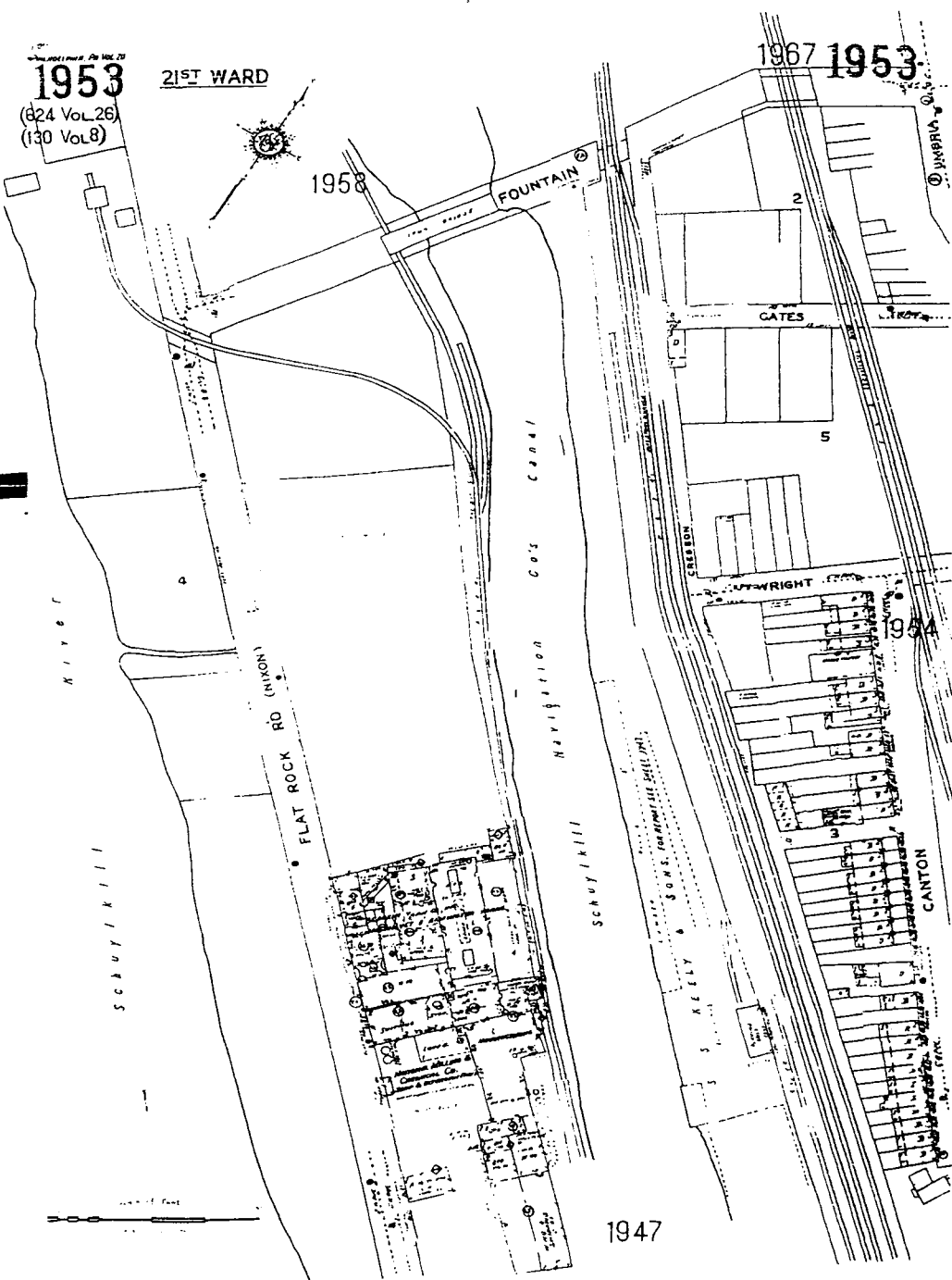
1941



The Sanborn Library, LLC

Copyright © 1978 The Sanborn Library, LLC
JW
FOR Research Associates

Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.

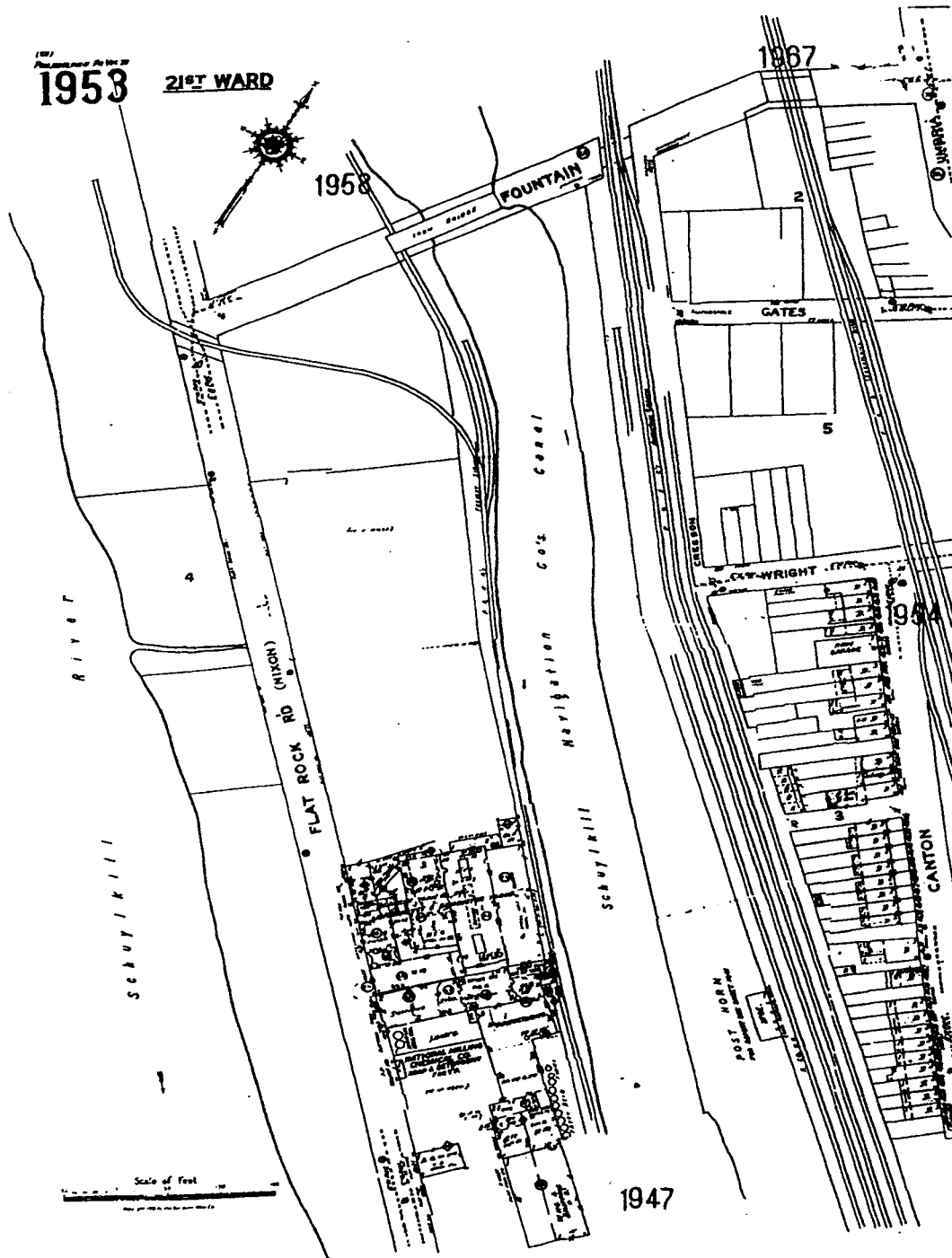




The Sanborn Library, LLC

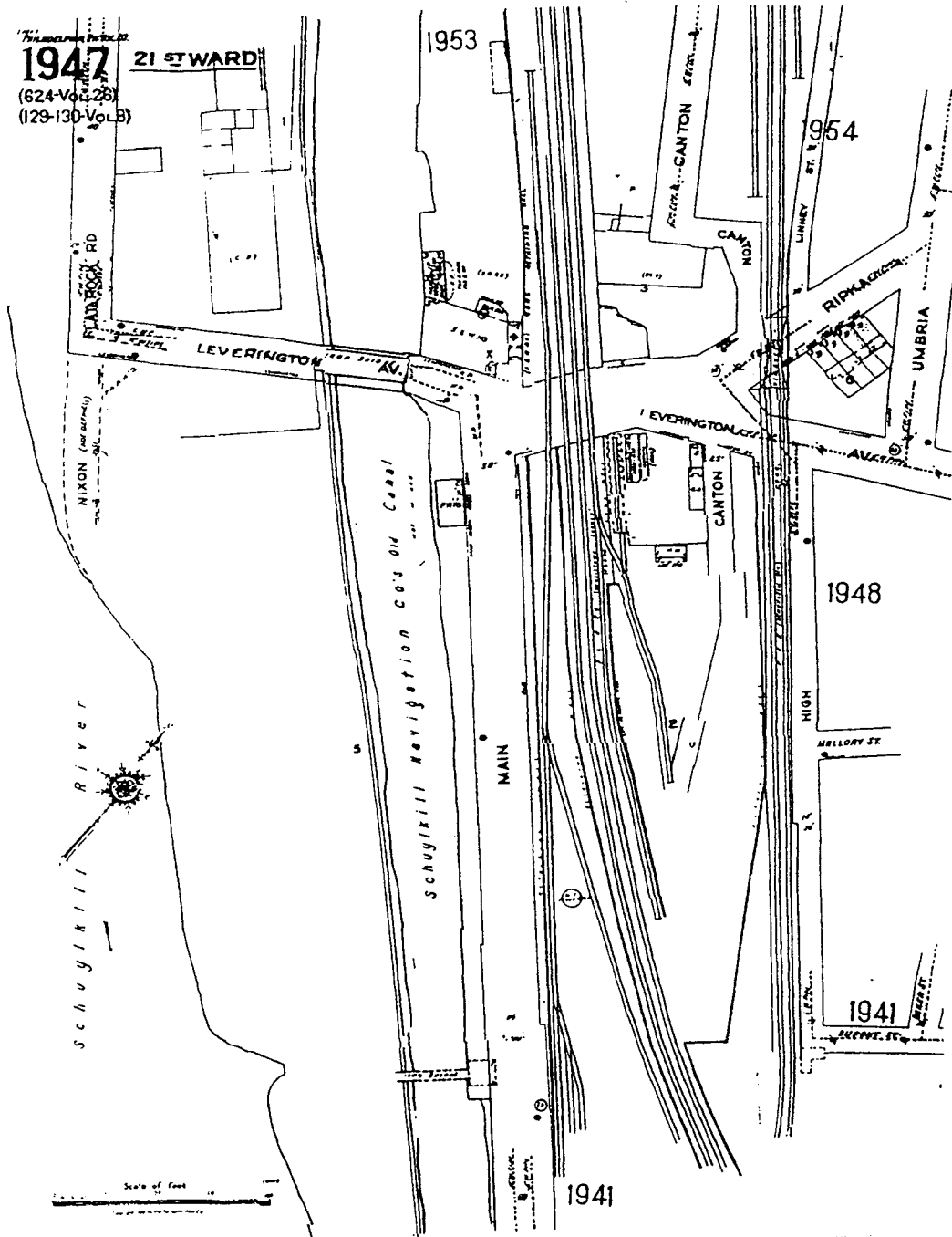
Copyright © 1989 The Sanborn Library, LLC J.W.
EDR Research Associates

Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.



©1989 Sanborn Co., EDR Sanborn, Inc.

1947
(624-Vol. 28)
(129-130-Vol. B)



©1989 Sanborn Co., EDR Sanborn, Inc.



The Sanborn Library, LLC

Copyright 1989 The Sanborn Library, LLC
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be produced without prior written permission from The Sanborn Library, LLC.

SECTION 8

AERIAL PHOTOGRAPH

EHS Environmental, Inc. requested aerial photographs from Environmental Data Resources, Inc. A review of this research source found photographs available for the years 1942, 1950, 1965, 1973, 1988, and 1992. The following information is offered:

1942: The photograph shows the subject site occupied by several commercial buildings. Commercial buildings appear to the northwest of the subject site.

1950: The photograph shows no changes to the subject site or to the surrounding land.

1965: The photograph shows a few less buildings at the south end of the site. Commercial buildings still occupy the site to the northwest.

1973: The photograph shows a few more buildings at the south end of the site. Commercial buildings still occupy the site to the northwest.

1988: The photograph shows the subject site as vacant. The site to the northwest has far less buildings than shown in the 1973 photograph.

1992: The photograph shows no changes to the subject site or surrounding land use from the 1988 photograph.



EDR® Environmental
Data Resources Inc

The EDR Aerial Photo Decade Package

**Leverington Avenue/Flat Rock Road
Leverington Avenue/Flat Rock Road
Philadelphia, PA 19127**

Inquiry Number: 1789619.5

November 06, 2006

The Standard in Environmental Risk Management Information

**440 Wheelers Farms Road
Milford, Connecticut 06461**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

EDR Aerial Photo Decade Package

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

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Date EDR Searched Historical Sources:

Aerial Photography November 06, 2006

Target Property:

Leverington Avenue/Flat Rock Road

Philadelphia, PA 19127

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1942	Aerial Photograph. Scale: 1"=750'	Panel #: 2440075-A2/Flight Date: October 08, 1942	EDR
1950	Aerial Photograph. Scale: 1"=750'	Panel #: 2440075-A2/Flight Date: March 17, 1950	EDR
1965	Aerial Photograph. Scale: 1"=750'	Panel #: 2440075-A2/Flight Date: March 31, 1965	EDR
1973	Aerial Photograph. Scale: 1"=750'	Panel #: 2440075-A2/Flight Date: March 13, 1973	EDR
1988	Aerial Photograph. Scale: 1"=833'	Panel #: 2440075-A2/Flight Date: May 27, 1988	EDR
1992	Aerial Photograph. Scale: 1"=833'	Panel #: 2440075-A2/Flight Date: March 29, 1992	EDR

AHO -

INQUIRY #: 1789619.5

YEAR: 1942

| = 750'





INQUIRY #: 1789619.5

YEAR: 1950

| = 750'



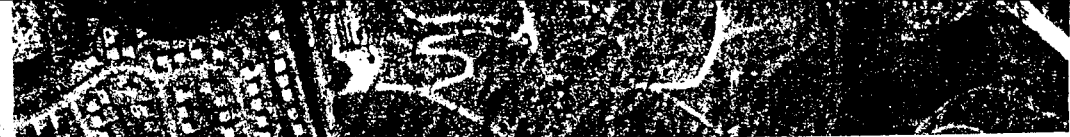


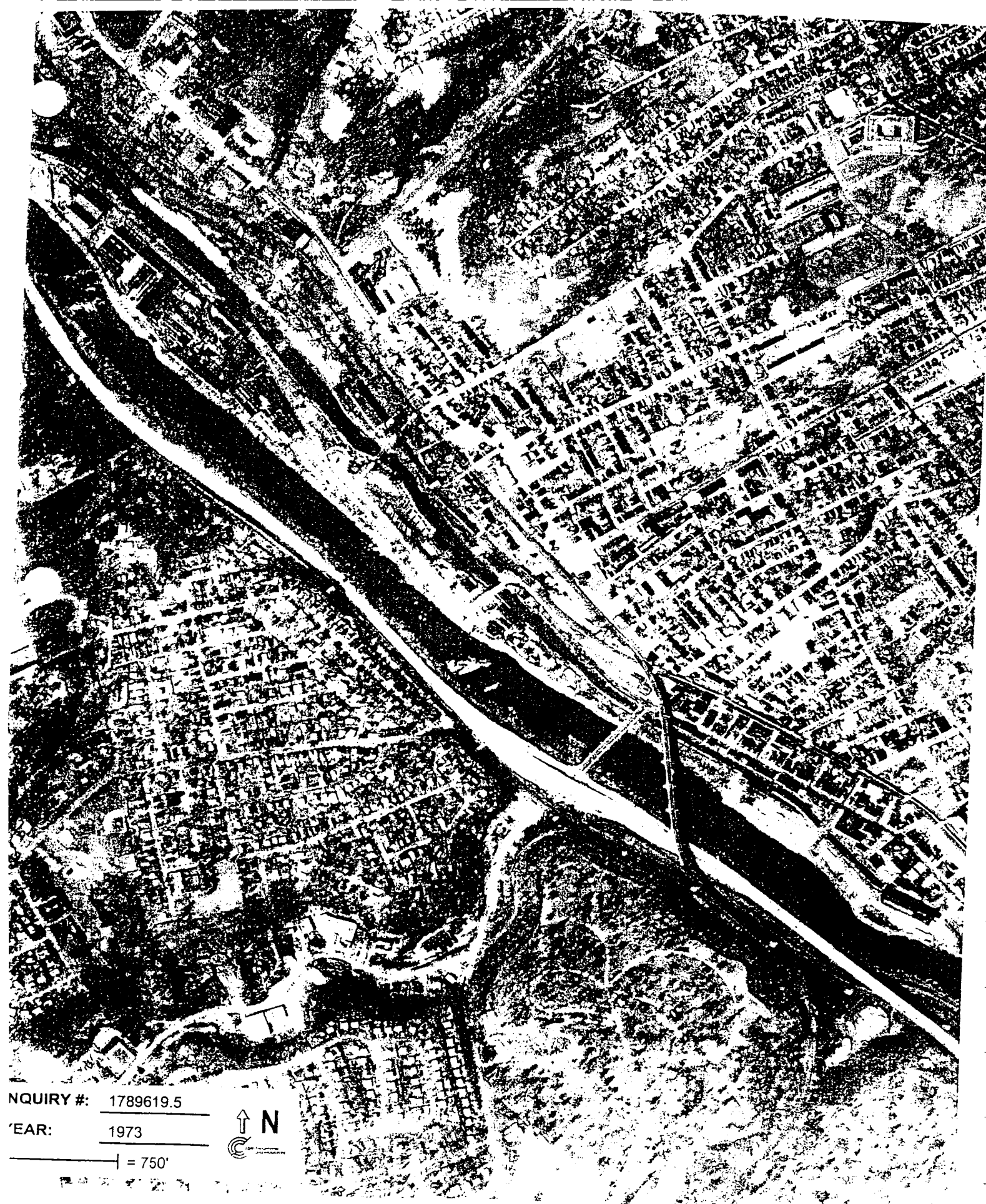
YEAR:

1965



= 750'





INQUIRY #: 1789619.5

YEAR: 1973

1" = 750'





EDR® Environmental
Data Resources Inc

The EDR-City Directory *Abstract*

**Leverington Avenue/Flat Rock Road
Leverington Avenue/Flat Rock Road
Philadelphia, PA 19127**

Inquiry Number: 1789619.6

Latitude = 40.0284

Longitude = 75.2307

Monday, November 06, 2006

The Standard in Environmental Risk Management Information

**440 Wheelers Farms Road
Milford, Connecticut 06461**

Nationwide Customer Service

Telephone: 1-800-352-0050

Fax: 1-800-231-6802

Internet: www.edrnet.com

EDR City Directory Abstract

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

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

SUMMARY

▪ ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2001. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

This report compiles information by geocoding the subject properties (that is, plotting the latitude and longitude for such subject properties and obtaining data concerning properties within 1/16th of a mile of the subject properties). There is no warranty or guarantee that geocoding will report or list all properties within the specified radius of the subject properties and any such warranty or guarantee is expressly disclaimed. Accordingly, some properties within the aforementioned radius and the information concerning those properties may not be referenced in this report.

Date EDR Searched Historical Sources: November 6, 2006

Target Property:

Leverington Avenue/Flat Rock Road
Philadelphia, PA 19127

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Address Not Listed in Research Source	THE BELL TELEPHONE COMPANY OF PENNSYLVANIA
1923	Address Not Listed in Research Source	W.H. BOYD CO.
1925	Address Not Listed in Research Source	R. L. Polk & Company of Philadelphia
1927	Address Not Listed in Research Source	W.H. BOYD CO.
1930	Address Not Listed in Research Source	R. L. Polk & Co. of Philadelphia
1931	Address Not Listed in Research Source	W.H. BOYD CO.
1936	Address Not Listed in Research Source	City Directory Inc., of Philadelphia
1937	Address Not Listed in Research Source	W.H. BOYD CO.
1943	Address Not Listed in Research Source	W.H. BOYD CO.
1946	Address Not Listed in Research Source	The Bell Telephone Company of Pennsylvania
1947	Address Not Listed in Research Source	W.H. BOYD CO.
1950	Address Not Listed in Research Source	The Bell Telephone Company of Pennsylvania
1951	Address Not Listed in Research Source	W.H. BOYD CO.
1954	Address Not Listed in Research Source	The Bell Telephone Company of Pennsylvania
1957	Address Not Listed in Research Source	R.L. POLK & CO.
1967	Address Not Listed in Research Source	The Bell Telephone Company of Pennsylvania

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1972	Address Not Listed in Research Source	The Bell Telephone Company of Pennsylvania
1977	Address Not Listed in Research Source	The Bell Telephone Company of Pennsylvania
1982	Address Not Listed in Research Source	THE BELL TELEPHONE COMPANY OF PENNSYLVANIA
1993	Address Not Listed in Research Source	The Bell Telephone Company of Pennsylvania
2001	Address Not Listed in Research Source	Cole Information Services

Adjoining Properties

SURROUNDING

Multiple Addresses
Philadelphia, PA 19127

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Address Not Listed in Research Source	THE BELL TELEPHONE COMPANY OF PENNSYLVANIA
1923	Address Not Listed in Research Source	W.H. BOYD CO.
1925	Address Not Listed in Research Source	R. L. Polk & Company of Philadelphia
1927	Address Not Listed in Research Source	W.H. BOYD CO.
1930	Address Not Listed in Research Source	R. L. Polk & Co. of Philadelphia
1931	Address Not Listed in Research Source	W.H. BOYD CO.
1936	<u>**LEVERINGTON AVE**</u> H LEVERINGTON AV (38) <u>**MAIN ST**</u> SWARTZ SR (4628)	City Directory Inc., of Philadelphia City Directory Inc., of Philadelphia
1937	Address Not Listed in Research Source	W.H. BOYD CO.
1943	Address Not Listed in Research Source	W.H. BOYD CO.
1946	Address Not Listed in Research Source	The Bell Telephone Company of Pennsylvania
1947	Address Not Listed in Research Source	W.H. BOYD CO.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	Address Not Listed in Research Source	The Bell Telephone Company of Pennsylvania
1951	Address Not Listed in Research Source	W.H. BOYD CO.
1954	Address Not Listed in Research Source	The Bell Telephone Company of Pennsylvania
1957	Address Not Listed in Research Source	R.L. POLK & CO.
1967	<u>**LEVERINGTON AVE**</u> SCHLOSS LEONARD W BALA CYNWYD (27)	The Bell Telephone Company of Pennsylvania
	<u>**FLAT ROCK RD**</u> BLANKIN YARN CO (4600) NAMICO SOAPS (4601) NATL MILLING & CHEMICAL CO (4601)	The Bell Telephone Company of Pennsylvania
1972	<u>**LEVERINGTON AVE**</u> CUT RATE DRAIN CLEANING (4) CUT RATE DRAIN CLEANING (4) DE MARTINO JOS (4) DEBILZEN RAYMOND A (4) TIMBER PLUMBING & HEATING CO INC (4) TIMBER PLUMBING & HEATING CO INC (4) MC GOVERN EUGENE M (11) WOLF TIM (25) GOLDMAN HERMAN (30) MC CUEN V B (31) KENDALL EARL (38) COLSEN SAM I PARK TOWNE PIN (55)	The Bell Telephone Company of Pennsylvania
	<u>**LEVRNGTN AVE**</u> REBER JOHN E (4)	The Bell Telephone Company of Pennsylvania
	<u>**FLAT ROCK RD**</u> BLANKIN YARN CO (4600) NAMICO SOAPS (4601) NATL MILING & CHEMICAL CO (4601)	The Bell Telephone Company of Pennsylvania
1977	<u>**FLAT ROCK RD**</u> BLANKIN YARN C (4600)	The Bell Telephone Company of Pennsylvania
1982	<u>**FLAT ROCK RD**</u> BLANKIN YARN CO (4600) ANDERSON OIL & CHEMICAL CO INC (4601) MCALAIN ROBT M (4601) NAMICO SOAPS (4601)	THE BELL TELEPHONE COMPANY OF PENNSYLVANIA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1982	(continued)	
	NATL MILLING & CHEMICAL CO INC (4601)	
1993	<u>**FLAT ROCK RD**</u>	The Bell Telephone Company of Pennsylvania
	PRO CLEAN OF PENNSYLVANIA (4600)	
	NAMICO INC (4601)	
	NAMICO SOAPS (4601)	
2001	<u>**E LEVERINGTON AVE**</u>	Cole Information Services
	ARROYO GRILLE (1)	
	MAIN STRET RSTRNT (1)	
	DANIEL LIFSHUTZ (30)	
	DEBRA F LEVIN (30)	
	ANGELA L JEFFERSON (40)	
	DENISE JOFFE (40)	
	HEATHER GRIFFITH (40)	
	J KATZ (40)	
	JEFF KAWALEK (40)	
	K JOFFE (40)	
	KATIE KELLY (40)	
	MELODIE LCASIANO (40)	
	ROBERT KODEY (40)	
	<u>**FLAT ROCK RD**</u>	Cole Information Services
	4999 CT 215 SDB (4600)	
	LNET VNTR PRNRS (4601)	

SECTION 9

CITY DIRECTORY ABSTRACT

EHS Environmental, Inc. reviewed a copy of the City Directory obtained from Environmental Data Resources, Inc. Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2001. A review of this directory found the address not listed in any of the directories.



Pennsylvania Department of Environmental Protection

2 East Main Street
Norristown, PA 19401
January 24, 2006

Southeast Regional Office

Phone: 484-250-5960
Fax: 484-250-5961

Ms. Tess Andres
RT Environmental Services, Inc.
510 Herson Drive
P.O. Box 521
Bridgeport, PA 08014

Re: ECP - Land Recycling Program
Venice Island
EFACTS No. 460808
1 Leverington Avenue
City of Philadelphia
Philadelphia County

Dear Ms Andres:

The Department of Environmental Protection (Department) has received and reviewed the December 2005, document titled "Remedial Investigation Report/Cleanup Plan," for the property located at 1 Leverington Avenue in the City of Philadelphia, Philadelphia County. The report was prepared by RT Environmental Services, Inc., and submitted to the Department in accordance with the Land Recycling and Environmental Remediation Standards Act (Act 2) and constitutes a Remedial Investigation Report/Cleanup Plan as defined in Chapter 3, Section 304.

The Department hereby approves the Remedial Investigation Report/Cleanup Plan in accordance with the provisions of Act 2.

Thank you for your cooperation in working with the Department in the remediation of this site. We look forward to receipt of your Final Report submittal. If you have any questions or need further information regarding this matter, please contact the Environmental Cleanup Program.

Sincerely,

Christopher H. Falkler
Soil Scientist 2
Environmental Cleanup

cc: Mr. Day-Lewis
Mr. Hess
Ms. Bass
Mr. Neduccin - Neduccin Property Management, Inc.
Mr. Melhem - Philadelphia Health Department
Mr. Gallagher
Re 30 (CD06)023-11



January 6, 2006

Mr. Robert Day-Lewis, P.G.
PA Department of Environmental Protection
Southeastern Regional Office
2 East Main Street
Norristown, PA 19401

RE: SUBMITTAL OF REMEDIAL INVESTIGATION REPORT AND CLEANUP PLAN,
VENICE ISLAND PROPERTY
1 LEVERINGTON AVE
MANAYUNK, PHILADELPHIA COUNTY, PA
RT PROJECT #80848-01
EFACTS # 460808

Dear Mr. Day-Lewis:

On behalf of Venice Island Realty Partners and Ned Green Partnership, we are pleased to submit the Remedial Investigation Report and Cleanup Plan for the above referenced site.

A copy of the proof of publication is attached. Also attached is the transmittal sheet for report submission, and the review fee. A municipal notification was also submitted for the above mentioned property. A copy of the letter and certified mail receipt will be sent under separate cover.

We appreciate the opportunity to work further with the Department on this land recycling project. Should there be any questions during review of these reports, do not hesitate to contact me in our Bridgeport, NJ office at (856) 467-2276, ext 118.

Very truly yours,

RT ENVIRONMENTAL SERVICES, INC.

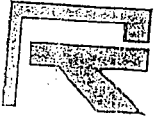
Tess Andres

Tess Andres
Staff Scientist

Cc: G. Brown -- RT Environmental Services, Inc.
J. Lauterbach -- RT Environmental Services, Inc.
D. Neduscin, Venice Island Realty Partners
B. Weiss, Klehr Harrison



One, 100, Pleasant Complex - 517 Heron Drive, P.O. Box 521 # Bridgeport, NJ 08014
Phone: (856) 467-2276 Fax: (856) 467-2277 E-Mail: RTENR@AOL.COM # Web Address: <http://RTENV.COM>



REMEDIAL INVESTIGATION REPORT/CLEANUP PLAN

VENICE ISLAND SITE
1 LEVERINGTON AVE
MANAYUNK, PHILADELPHIA COUNTY, PA

RT PROJECT #80848-01

PREPARED FOR:

VENICE ISLAND REALTY PARTNERS
c/o NEDCUSIN PROPERTY MANAGEMENT INC
161 LEVERINGTON AVE
PHILADELPHIA, PA 19127

SUBMITTED BY:

RT ENVIRONMENTAL SERVICES, INC.
510 HERON DRIVE
BRIDGEPORT, NEW JERSEY 08014

DECEMBER 2005

Environmental Services, Inc.

TABLE OF CONTENTS

Page No.

TABLE OF CONTENTS

Page

1.0	EXECUTIVE SUMMARY	1
2.0	SITE DESCRIPTION	2
2.1	Site Description and History	2
2.2	Physical Site Characteristics	2
2.2.1	Topography	2
2.2.2	Soils	5
2.2.3	Geology	5
2.2.4	Hydrology	5
3.0	SITE CHARACTERIZATION	7
3.1	Preliminary Soil Investigation	7
3.2	Delineation Activities	7
4.0	RISK ASSESSMENT/PATHWAY ELIMINATION	15
4.1	Soil	15
4.2	Groundwater	15
5.0	ECOLOGICAL SCREENING	16
5.1	Step 1 - Presence of Light Petroleum Product Compounds	16
5.2	Step 2 - Site Size	16
5.3	Step 3 - Obvious Pathway Elimination	16
5.4	Step 9 - No Further Ecological Evaluation Required	16
6.0	SELECTED STANDARDS	17
7.0	NIR AND PUBLIC NOTIFICATIONS	18
8.0	CLEANUP PLAN	20
8.1	Proposed Remediation	20
8.2	Health and Safety Concerns	20
8.3	Erosion Control	20
8.4	Capping	20
8.5	Deed Acknowledgement	20
8.6	Final Report	21
9.0	CONCLUSIONS	22
10.0	REFERENCES	23

FIGURES

FIGURE 1	SITE LOCATION MAP	3
FIGURE 2	CURRENT SITE PLAN	4
FIGURE 3	GEOLOGIC MAP	6
FIGURE 4	BORING LOCATIONS	9

FIGURE 5	PROPOSED DEVELOPMENT PLAN	19
----------	---------------------------------	----

TABLES

TABLE 1	PRELIMINARY SOIL ASSESSMENT RESULTS WITH EXCEEDENCES
TABLE 2	SOIL BORING SAMPLE RESULTS FOR TOTAL ARSENIC & BENZO(A)PYRENE
TABLE 3	SPLP ANALYTICAL RESULTS

APPENDICES

APPENDIX A	PREVIOUS REPORTS
APPENDIX B	RT FIELD LOGS
APPENDIX C	RT ANALYTICAL REPORTS
APPENDIX D	NIR AND PUBLIC NOTIFICATIONS

1.0 EXECUTIVE SUMMARY

During Phase I and Phase II site investigations conducted by RT in July and August 2004, a historical fill material was detected in the subsurface at the subject property located at 1 Leverington Ave in Manayunk, Philadelphia County, Pennsylvania. Analytical results identified concentrations of arsenic, and benzo (a) pyrene above their respective residential statewide health standards (rSHS).

Due to these detections above the SHS, RT mobilized to the site and implemented a GEOPROBE investigation to further characterize subsurface conditions at the subject property. The GEOPROBE investigation revealed that this historical fill material (cinders and ash) is ubiquitous throughout the site. This material is attributed to the historical industrial iron and steelmaking conducted along the Schuylkill River. Analytical results from the GEOPROBE investigation also indicated concentrations of arsenic above their respective rSHS. This report demonstrates attainment of site-specific standards for arsenic, and benzo(a)pyrene in soil. Due to the exceedances of the rSHS for arsenic in both shallow and deep samples, and because the historical fill material was observed to extend into the groundwater table, synthetic precipitation leaching procedure (SPLP) analysis for arsenic was completed to determine whether arsenic at the subject property has the potential to leach into groundwater. Detectable concentrations of arsenic were identified in the SPLP analytical results; however, the reported concentration of 4.8 ug/L is well below the most stringent rSHS for ground water of 50 ug/L. Therefore, groundwater contamination is of no further concern at the subject property.

The subject property is planned for residential development and attainment of the site-specific standard will be demonstrated through pathway elimination. The site will be capped with asphalt pavement, buildings, or at least two feet of clean fill. A Cleanup Plan is presented in Section 8.0 of this report.

2.0 SITE DESCRIPTION

2.1 Site Description and History

The site comprises approximately 4.5 acres. A site location map is provided as Figure 1. One building occupies the site. A current site plan is provided as Figure 2. The building is a former restaurant. The majority of the ground surface around the building is paved with asphalt. Other portions of the property are covered in gravel and/or wood chips. Asphalt paved areas were also observed toward the east end of the property. The site is served by the public water system. The site is proposed to be re-developed for residential use.

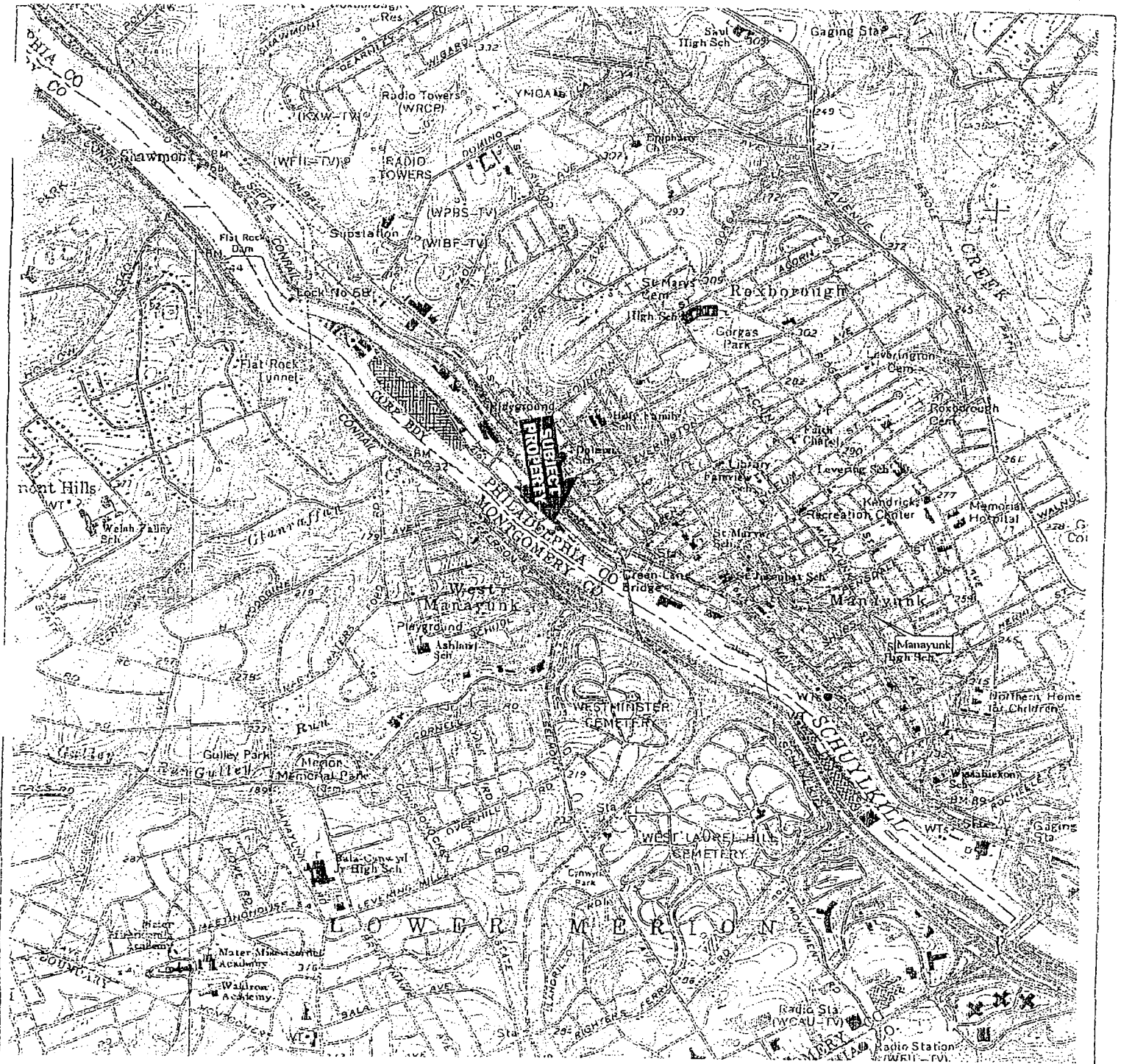
The site is located in an area of historical steel and iron making and coal gasification, this is an area where historical fill associated with these practices is ubiquitous. A waste mill, machine shop, office space, and storage were all present on the property in 1923. A coal pile was located on the property at this time. In 1950 the site was occupied by three commercial buildings. The northern most building was utilized as a machine shop. The remaining two buildings were occupied by the Atlas Supply Company. The Atlas Supply Company, which manufactured building adhesives, occupied the land from approximately 1950 to 1976. Mrs. Paul's Kitchens Inc. also occupied the subject property from 1976 to approximately 1987. The current restaurant building was constructed in approximately 1998.

Phase I and II Environmental Site Assessments were conducted by RT Environmental in July and August of 2004. A copy of the report is included as Appendix A.

2.2 Physical Site Characteristics

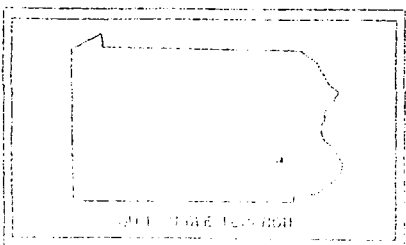
2.2.1 Topography

The subject property is located within the Lowland and Intermediate Upland Section of the Atlantic Coastal Plain Province which traverses a southeast portion of Pennsylvania in a northeast to southwest orientation. It is characterized by rolling lowlands, shallow valleys, and isolated hills. Dendritic and trellis stream drainage patterns are common. The subject property is generally level with a gentle slope to the southwest. The property is located between a canal to the north and the Schuylkill River to the south. According to the Germantown, Pennsylvania



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC SERIES
MANAYUNK, PA. QUADRANGLE

APPROXIMATE SCALE: 1 INCH = 2000 FT.



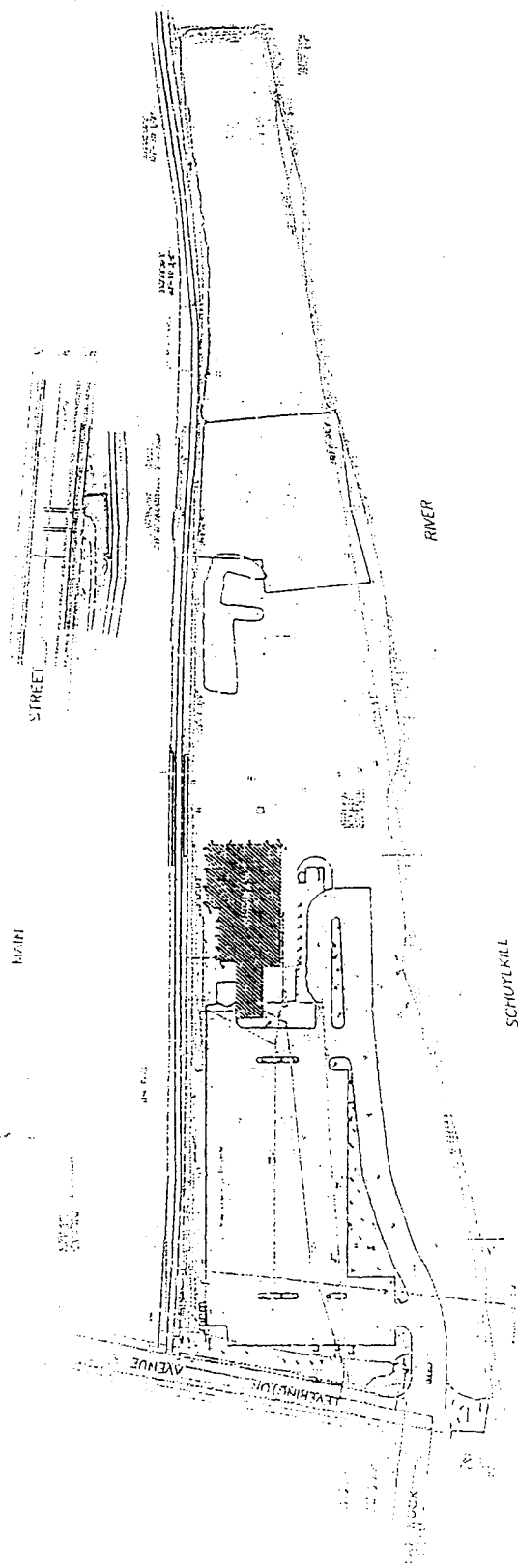
RT Environmental Services, Inc.
510 Heron Drive, Suite 306
P.O. Box 521
Bridgeport, N.J. 08614

FIGURE 1 SITE LOCATION MAP

Prepared For:

VENICE ISLAND REALTY PARTNER
C/O NEDCUSIN PROPERTY MANAGEMENT INC
161 LEVERINGTON AVE
PHILADELPHIA, PA. 19127

PROJECT	80848-01	DATE OF FILE	80848-01	REVISION	0000001	NO. OF SHEETS	1
SCALE	1"=2000'	DATE	07/17/00	PROJECT NUMBER	80848-01	PROJECT NAME	VENICE ISLAND

[illegible]

...

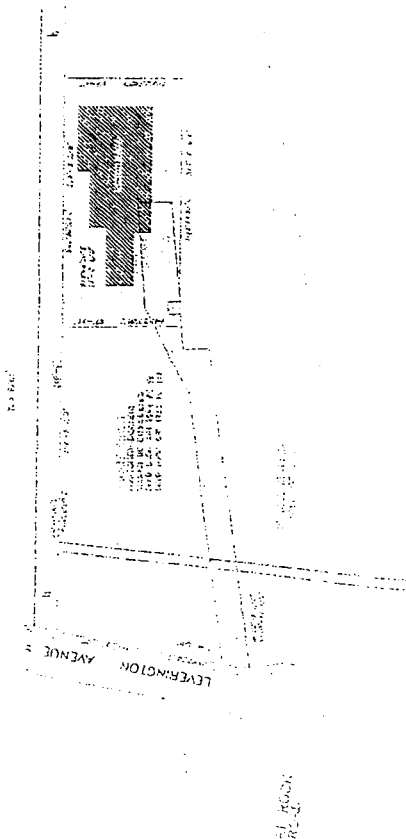
440976

1010

[illegible]

NAME ?
DATE ?

BARTON & MARTIN
ENGINEERS



United States Geological Survey (USGS) Topographic Quadrangle, the subject property is approximately 32 feet above sea level.

2.2.2 Soils

The United States Department of Agriculture, Soil Conservation Service classifies the underlying soil at the subject property as Urban Land. This type of land is a result of altering and mixing of soils formed in material weathered from schist and gneiss. This land type is used for residential, industrial, commercial, and institutional developments. The Soil Conservation Service indicates that it has slight to moderate limitations for residential developments which include susceptibility to erosion, a possible seasonal high water table in the low spots, and occasional stones.

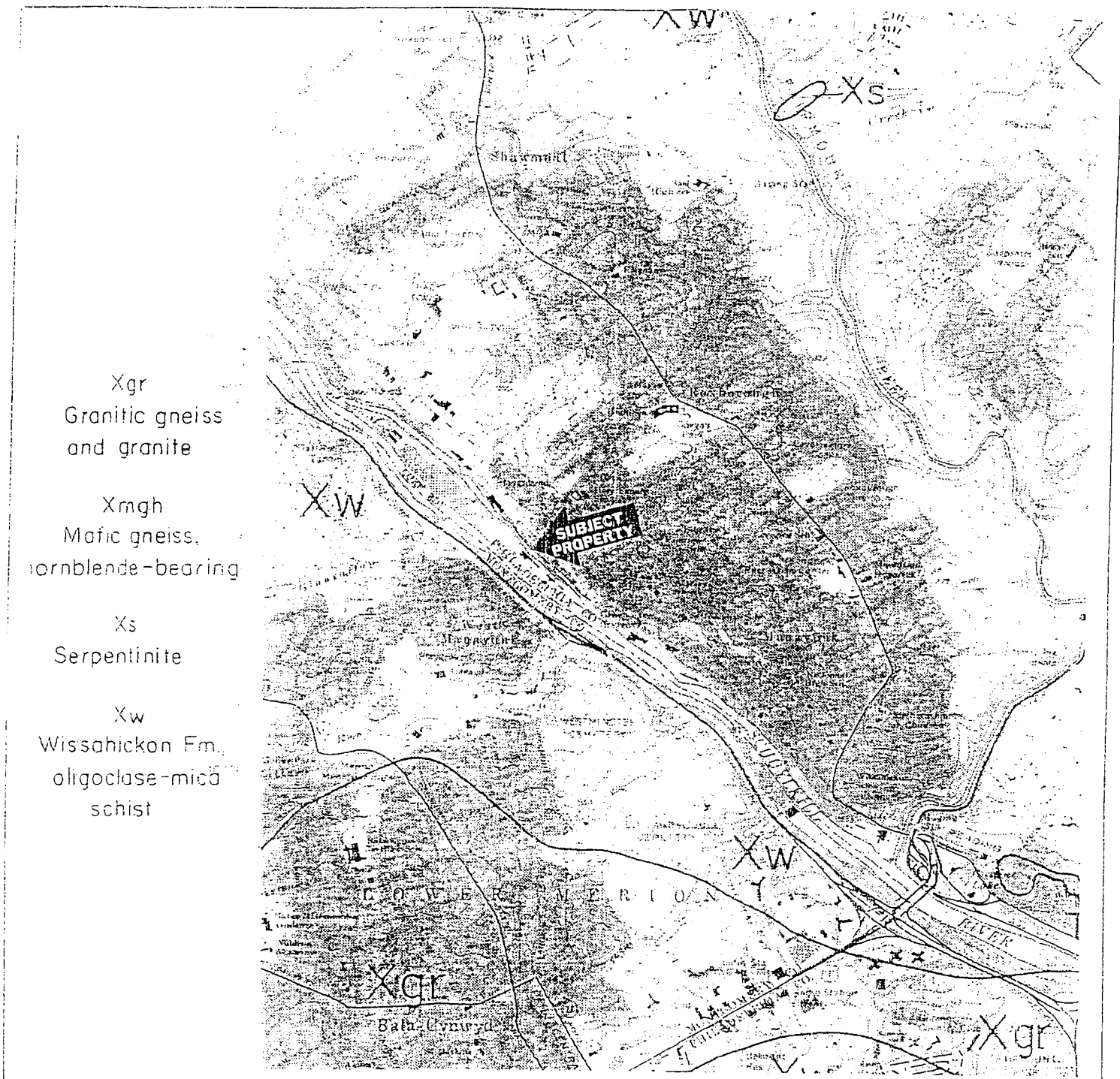
2.2.3 Geology

The subject property is underlain by the Cambrian-aged Wissahickon Schist. Borings drilled on the site encountered weathered bedrock at depths of four and nine feet. The overburden at the site consists of historical fill comprising brown and black silt, brown sand, red brick, coal, ash, cinders, and stone. A geologic map of the site is presented as Figure 3.

The subject property is immediately adjacent to the Schuylkill River and a canal, portions of the site are within the flood plain of the river. There are no surface water bodies within the site's boundaries.

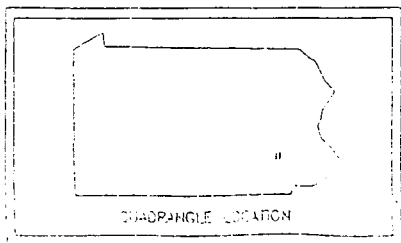
2.2.4 Hydrology

Groundwater was encountered in soil borings drilled on the site at depths ranging between 16 and 18 feet below ground surface (bgs). No site-specific data is available regarding groundwater flow direction. However, it can be assumed that groundwater flow direction is to the southwest toward the immediately adjacent Schuylkill River.



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC SERIES
GEORGETOWN, PA. QUADRANGLE

APPROXIMATE SCALE: 1 INCH = 1320 FT.



RT Environmental Services, Inc.
510 Heron Drive, Suite 306
P.O. Box 521
Bridgeport, N.J. 08014

FIGURE 3 GEOLOGIC MAP

Prepared For:
VENICE ISLAND REALTY PARTNER
C/O NEDCUSIN PROPERTY MANAGEMENT INC
161 LEVERINGTON AVE
PHILADELPHIA, PA. 19127

CHARGE	80848-011	AUTOCAD FILE	80848-01	ENGINEER	DESIGNER	DATE
SCALE	1"=1320'	DRAWING NUMBER	80848-01SLM			

3.0 SITE CHARACTERIZATION

3.1 Preliminary Soil Investigation

Subsequent to the completion of the Phase I Environmental Assessment, RT conducted Phase II investigation activities at the site on August 4, 2004 through August 6, 2004. The investigation included a Ground Penetrating Radar Survey (GPR) to determine whether or not USTs identified on the property were still present. The GPR investigation indicated that tanks were not present at the subject property. A GEOPROBE Investigation also took place, during which 16 soil borings were installed throughout the subject property. All borings were installed to a depth of 16 feet below ground surface (bgs) or to the point of refusal. In general the soil profiles consisted of a foot of sand and gravel, followed by brown silt with intermittent debris such as brick, concrete, and a black silty cinder (fill) material. Soils were screened in the field using a Photo-Ionization Detector (PID). The fill was underlain by weathered bedrock.

In order to characterize the historic fill at the subject property eight samples of the fill material were collected across the site. No PID readings were observed during field screening of the fill material. Therefore samples of the fill material were collected based on visual assessment. All historic fill samples were collected and submitted to the laboratory for RCRA 8 Metals and Polynuclear Aromatic Hydrocarbons (PAHs). Arsenic was detected above the rSHS with a concentration of 19 mg/kg at a depth of 4ft in SB-1 and at a depth 8 feet in SB-11 with a concentration of 32 mg/kg. Benzo(a)pyrene was found above the rSHS in SB-2 at 11 feet with a concentration of 2.6 mg/kg. The most stringent SHS for these constituents are 12 and 2.5 mg/kg, respectively. The concentrations of arsenic are characteristic of historic fill material or coal dust/river sediment releases in the Philadelphia area. The full laboratory analyses are tabulated in the Phase I and II Report included in Appendix A. The analytical results of the soil boring samples with compounds exceeding applicable rSHS are summarized in Table 1. Soil boring locations are included in Figures 4 and 4A. The Preliminary Soil Investigation soil borings are SB-1 through SB-16.

3.2 Delineation Activities

On September 29th and 30th, 2005, RT returned to the site and advanced seventeen soil borings across the site. The borings were drilled using a GEOPROBE direct push rig. Three

TABLE 1
SOIL ANALYTICAL RESULTS
VEHICLE ISLAND

Boring #	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8	SB-9	SB-10	SB-11	SB-12	SB-13	SB-14	SB-15	SB-16	rSHS
Depth (ft)	4	11	11	12	11	11	12	11	11	15	9	12	3	6.5	7	10	
Metals																	
Mercury	<0.100	<0.100	0.175	<0.100	<0.100	<0.100	0.601	<0.1	<0.1	5.1	0.766	<0.10	0.163	0.18	0.142	0.617	0.683
Arsenic	19	<8.0	<8.0	<8.0	NA	NA	<8.0	<8.0	<8.0	<8.0	32	<8.0	<8.0	<8.0	<8.0	<8.0	10
Barium	300	270	120	110	NA	NA	180	280	240	250	150	150	330	190	180	130	12
Cadmium	1.5	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	1.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	8.200
Chromium	36	31	32	28	17	NA	29	35	38	320*	9.3	5	27	21	22	12	38
Lead	130	5.5	120	36	5.8	NA	260	<5.0	6.5	170	87	17	73	90	94	68	190,000
SVOCs																	
Anthracene	0.56	<0.38	0.75	<0.1	<0.1	NA	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.1	<1.8	<0.1	<0.1
Benzo (a) anthracene	3.0	<0.38	3.5	<0.1	<0.1	NA	<0.1	<0.1	<0.1	<0.1	0.22	<0.1	1.6	<0.1	<1.8	0.36	350
Benzo (a) pyrene	2.5	1.6	2.6	<0.1	<0.1	NA	0.14	<0.1	<0.1	0.17	0.22	<0.1	1.6	<0.1	<1.8	0.31	25
Benzo (b) fluoranthene	3.6	0.55	3.0	<0.1	<0.1	NA	0.018	<0.1	<0.1	0.021	0.3	<0.1	2.0	0.11	<1.8	0.41	2.5
Benzo (ghi) perylene	1.7	0.49	1.7	<0.1	<0.1	NA	<0.1	<0.1	<0.1	0.17	0.1	<0.1	0.73	<0.1	<1.8	0.17	180
Benzo (k) fluoranthene	0.98	<0.38	1.1	<0.1	<0.1	NA	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.52	<0.1	<1.8	0.11	<0.1
Chrysene	2.9	1.6	3.4	<0.1	<0.1	NA	<0.1	<0.1	<0.1	0.12	0.3	<0.1	1.5	<0.1	<1.8	0.32	250
Dibenz (a,h) anthracene	<0.5	<0.38	0.52	<0.1	<0.1	NA	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.1	<1.8	<0.1	230
Fluoranthene	5.3	<0.38	6.6	<0.1	<0.1	NA	<0.1	<0.1	<0.1	<0.1	0.36	<0.1	2.8	0.1	<1.8	<0.1	2.5
Fluorene	<0.5	<0.38	<0.5	<0.1	<0.1	NA	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.1	<1.8	<0.1	3,200
Indeno (1,2,3-cd) pyrene	1.6	<0.38	1.6	<0.1	<0.1	NA	0.11	<0.1	<0.1	0.16	0.14	<0.1	0.88	<0.1	<1.8	0.2	25
Naphthalene	<0.5	<0.38	<0.5	<0.1	<0.1	NA	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.1	<1.8	<0.1	25
Phenanthrene	2.9	<0.38	5.1	<0.1	<0.1	NA	<0.1	<0.1	<0.1	<0.1	0.26	<0.1	2.6	0.13	<1.8	<0.1	10,000
Pyrene	5.5	<0.38	7.2	<0.1	<0.1	NA	<0.1	<0.1	<0.1	0.13	0.38	<0.1	2.8	0.1	<1.8	0.63	2,200
VOCs																	
Benzene	NA	<0.0081	<0.001	<0.00079	<0.00076	<0.041	0.0016	<0.00079	0.001	0.025	NA	NA	NA	NA	NA	NA	2.7
Carbon Disulfide	NA	0.005	<0.002	<0.0016	<0.0015	NA	<0.002	<0.0016	<0.0012	<0.0016	NA	NA	NA	NA	NA	NA	0.5
Chloroform	NA	<0.0016	<0.002	<0.0018	<0.0015	NA	<0.002	<0.0016	0.003	<0.0016	NA	NA	NA	NA	NA	NA	190
Toluene	NA	<0.0016	<0.002	0.0018	<0.0038	<0.2	<0.005	<0.0039	<0.0031	<0.0039	NA	NA	NA	NA	NA	NA	6
1,1,1 Trichloroethane	NA	<0.0016	0.0028	<0.0016	<0.0015	NA	<0.002	<0.0016	<0.0018	<0.0016	NA	NA	NA	NA	NA	NA	100

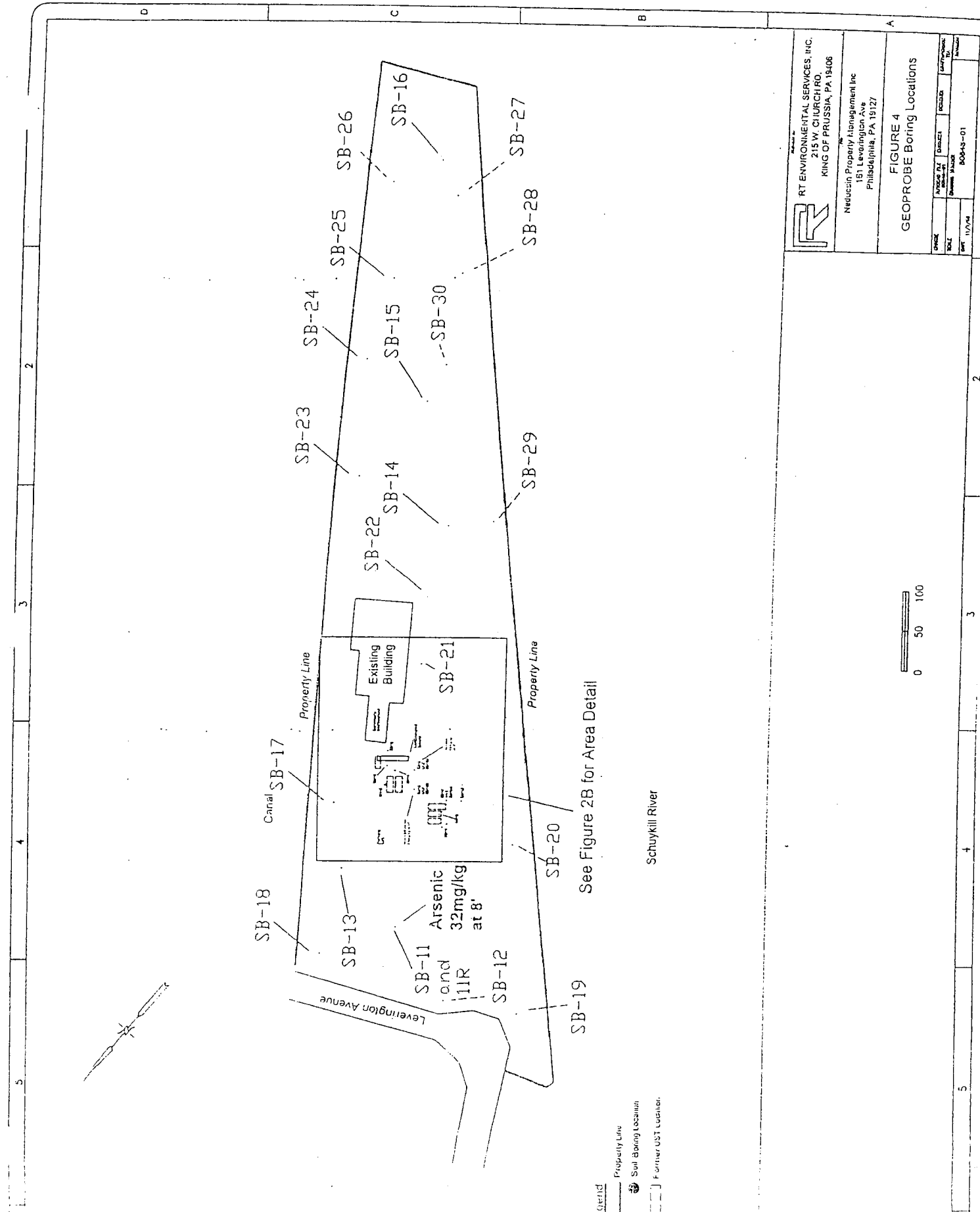
1. All results reported in mg/kg

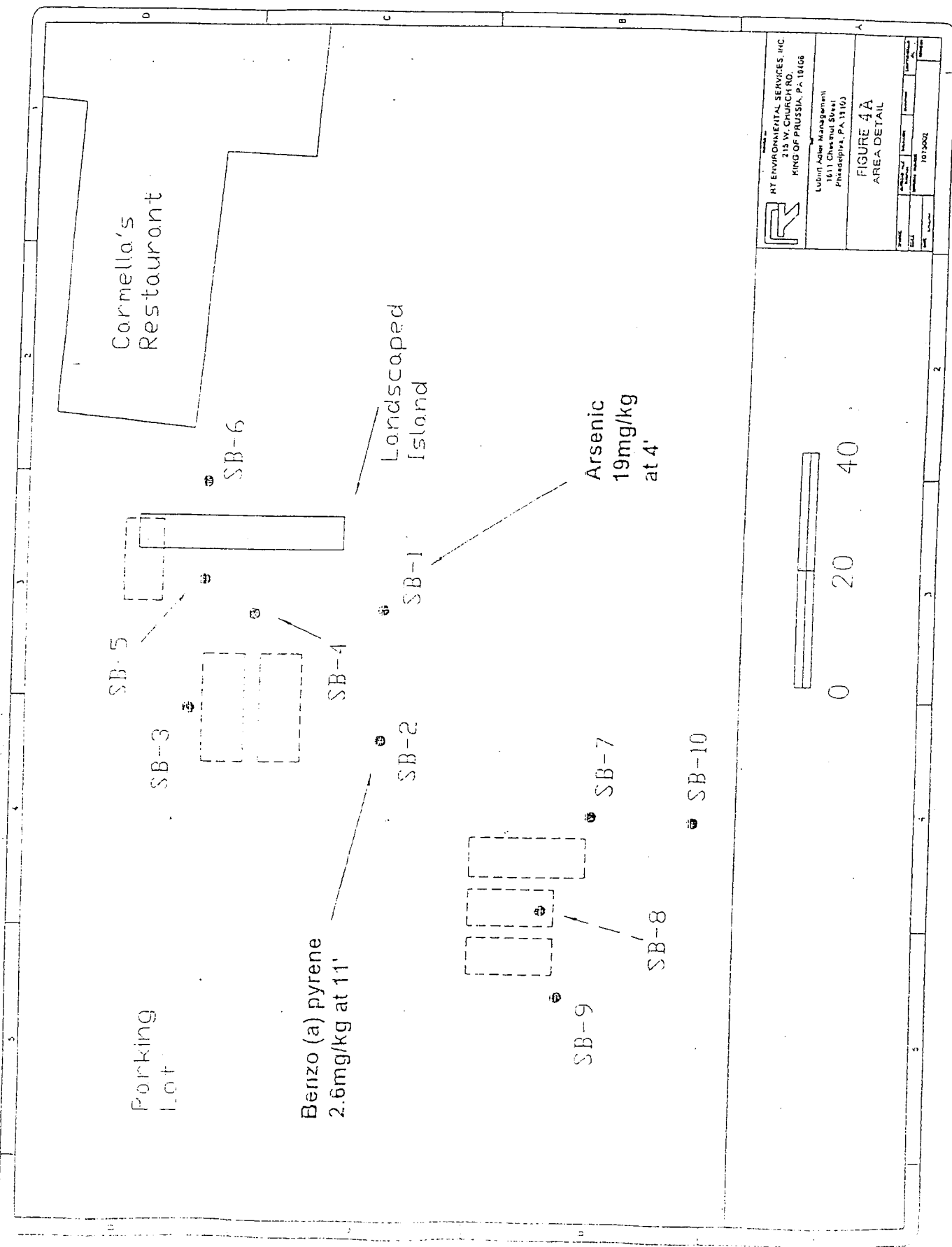
2. rSHS = residential statewide health standard

3. Values in bold and italics exceed the rSHS

4. Additional analysis was performed on this sample to distinguish between Chromium (VI) and Chromium (III) and it was below standard

5. NA indicates that the sample was not analyzed for that particular constituent





RT ENVIRONMENTAL SERVICES, INC.
215 W. CHURCH RD.
KING OF PRUSSIA, PA 19106

Lubert Adler Management
1611 Chestnut Street
Philadelphia, PA 19103

FIGURE 4A
AREA DETAIL

Project	Location	Access	Notes
SB-1	SB-1	SB-1	SB-1
SB-2	SB-2	SB-2	SB-2
SB-3	SB-3	SB-3	SB-3
SB-4	SB-4	SB-4	SB-4
SB-5	SB-5	SB-5	SB-5
SB-6	SB-6	SB-6	SB-6
SB-7	SB-7	SB-7	SB-7
SB-8	SB-8	SB-8	SB-8
SB-9	SB-9	SB-9	SB-9
SB-10	SB-10	SB-10	SB-10



0 20 40

borings were installed proximal to soil boring locations where concentrations of contaminants had been found above rSHS. All of the soil boring locations for both investigations are shown on Figure 4, and RT field logs with boring descriptions are included in Appendix B. The borings were drilled to depths ranging from 7 to 20 feet below the ground surface. Historical fill, made up of black silt, coal, ash, cinders and stone was encountered in all but four of the soil borings. Native soil (apparently weathered bedrock) was encountered in boring SB-2R at a depth of 13.5 feet, and in borings SB-1R, SB-11R, SB-19, SB-25, SB-27, and SB-28 in the 11-12 foot interval. Possible native fill was encountered in SB-17 at 4 feet and at 8 feet for SB-18. In SB-20 and SB-23 native fill was observed in the 10 foot interval to depth. Saturated conditions were encountered within fill in borings SB-24 and SB-30. Refusal was encountered in borings SB-7R, SB-21, SB-22, SB-26, and SB-29 prior to reaching native soils or groundwater.

Samples of the historical fill material and native soils below (when encountered) were collected from each boring. Soil samples directly above the water table (when encountered) were also collected. The soil samples were collected, placed on ice, and transported under chain-of-custody control to GLA Laboratories of King of Prussia, Pennsylvania, a PADEP state-certified hazardous waste laboratory. The samples were analyzed for Total Metals by EPA 6000/7000 series methods, and for polynuclear aromatic hydrocarbons (PAHs) by EPA Method 8270D.

SB-1RA collected in the 4 foot interval had a reported exceedence of 15 mg/kg for arsenic. The residential SHS for arsenic is 12 mg/kg. Benzo(a)pyrene was detected above the residential SHS in SB-29A in the 6 foot interval with 11 mg/kg. No other metals or semi-volatile organic compounds were detected at concentrations exceeding their respective residential SHS.

SB-2RA, SB-1RA, SB-25A, and SB-27A had concentrations above the laboratory reporting limit. All of the soil samples collected were below the residential SHS for Benzo (a) pyrene of 2.5 mg/kg. No other compounds were detected at concentrations exceeding their respective SHS. The analytical results are summarized in Table 2. The laboratory report is presented in Appendix C.

Given the fact that the soil buffer distance for arsenic is 15 feet and groundwater (when encountered) was observed at depths of 18 to 20 feet, Synthetic Precipitation Leaching Procedure (SPLP) analysis was performed on SB-1RA to assess whether arsenic had the potential to impact groundwater. The analytical result is shown in Table 3. Arsenic was

Table 2

Soil Boring Sample Results for Total Arsenic and Benzo(a)pyrene
 Venice Island
 Philadelphia, PA
 RT Project # 80848-01

Boring #	SB-2RA	SB-2RB	SB-1RA	SB1RB	SB-11RB	SB-23A	SB-23B	SB-24A	SB-24B	SB-25A	SB-25B	SB-27A	SB-27B	SB-29A	rSHS
Depth (ft)	11-11.5	18.5-19	4-4.5	13.5-14	14.5-15	16.5-17	19.5-20	7.5-8	10.5-11	7-7.5	11.5-12	9-9.5	11.5-12	6.5-7	
Date Sampled	9/29/05	9/29/05	9/29/05	9/29/05	9/29/05	9/30/05	9/30/05	9/30/05	9/30/05	9/30/05	9/30/05	9/30/05	9/30/05	9/30/05	
Metals (EPA 6000/7000)															
Arsenic	10	ND < 8.0	15	ND < 8.0	ND < 8.0	ND < 8.0	ND < 8.0	ND < 8.0	ND < 8.0	ND < 8.0	ND < 8.0	8.9	ND < 8.0	ND, < 8.0	12
SVOCs (EPA 8270D)															
Benzo(a)pyrene	0.94	ND < 100	0.21	ND < 100	ND < 100	ND < 630	ND < 100	ND < 500	ND < 100	0.11	ND < 100	0.18	ND < 100	11	2.5

Note:

- All results are in mg/kg.
- rSHS = residential Statewide Health Standard
- ND = not detected

Table 3 Sample Result for SPLP Arsenic Venice Island Philadelphia, PA RT Project # 80848-01		
Boring #	SB-1RA	rSHS
Depth (ft)	4-4.5	
SPLP Metals (EPA 200)		
Total Arsenic	15	12
SPLP Arsenic Concentration	4.8	50

Note:

1. All results are in mg/kg.
2. rSHS = residential Statewide Health Standard
3. ND = not detect

detected at a level of 4.8 ug/l. The current residential SHS for arsenic in groundwater is 50 µg/L. The level detected is well below the residential SHS and demonstrates that arsenic does not have the potential to leach into groundwater.

SPLP analysis was not conducted for the benzo(a)pyrene exceedance because the soil buffer distance for benzo (a) pyrene is 5 feet and the deepest interval at which a benzo (a) pyrene exceedance was found was 11 feet. Therefore, this meets the soil buffer criteria.

Given the results of the soil investigations at the subject property, the historical fill material appears to be ubiquitous across the subject property. This is attributed to the historical industrial activity on the subject property and in the surrounding area. This historical fill material was observed to extend to depths ranging from 2 feet bgs extending to depths of 19 feet bgs.

4.0 RISK ASSESSMENT/PATHWAY ELIMINATION

4.1 Soil

The potential source of exposure is soil impacted with metals and PAHs. There are no sensitive ecological populations on the site. The site will be redeveloped for residential use, and the possibility of direct contact with the impacted soil will be eliminated through capping of the site through construction by asphalt, the proposed buildings, or at least two feet of clean fill.

4.2 Groundwater

SPLP arsenic analysis was conducted, and analytical results indicate that there is little potential for arsenic to leach into groundwater. Therefore, groundwater does not appear to be of further concern at this time.

SPLP analysis was not conducted for the benzo(a)pyrene exceedance because the soil buffer distance for benzo (a) pyrene is 5 feet and the deepest interval at which a benzo (a) pyrene exceedance was found was 11 feet. Groundwater (when encountered) was observed at depths of 18 to 20 feet. Therefore, this meets the soil buffer criteria.

5.0 ECOLOGICAL SCREENING

An ecological screening of the Site has been conducted in accordance with the process described in the PADEP Act 2 technical guidance PA manual and 250.311(b) of the regulations. The following information is being submitted in accordance with the Ecological Screening Flow Chart found on page II-40 of the technical guidance manual.

5.1 STEP 1 - PRESENCE OF LIGHT PETROLEUM PRODUCT COMPOUNDS

Light petroleum products and metals exceeding the residential SHS were detected in historical fill during site investigation activities.

5.2 STEP 2 - SITE SIZE

The aerial extent of soil exceeding PADEP Non-Residential MSCs is greater than the 2 acre minimum and there is more than 1,000 square feet of contaminated sediment as cited in Act 2. The area of impacted material is approximately 4.5 acres.

5.3 STEP 3 - OBVIOUS PATHWAY ELIMINATION

Upon development, the impacted material will be covered with asphalt, the proposed buildings, or at least two feet of clean fill material. These features will eliminate the direct contact exposure pathway associated with historical fill.

5.4 STEP 9 - NO FURTHER ECOLOGICAL EVALUATION REQUIRED

In accordance with the PADEP ecological screening flow chart, all conditions have been satisfied and a substantial ecological impact has not been identified. The subsurface investigation and associated analytical reports detailed in this report support the conclusion that no further ecological screening is required.

6.0 SELECTED STANDARDS

The remediation standard selected in order to obtain a liability release for soil, as set forth in Chapter 5 of Act 2, is the site-specific standard. Analytical results from soil samples collected at the subject property indicate that historical fill at the site contains concentrations of contaminants above their respective statewide health standards. Attainment of a site-specific standard for soil will be demonstrated through pathway elimination. The results of the SPLP analyses show that the arsenic, even at the most elevated concentration encountered, has little potential for leaching to groundwater. Further, exposure to the soil will be eliminated because the soil will be capped by buildings and pavement, or by at least two feet of clean fill. These controls will be maintained through the placement of a deed acknowledgment.

7.0 NIR AND PUBLIC NOTIFICATIONS

The Notice of Intent to Remediate (NIR) and public notifications were made by RT upon completion of site characterization activities. These documents were submitted on November 14, 2005. Notification to the City of Philadelphia was also given on this date. The NIR was published on November 16, 2005 in The Review, a local newspaper for Manayunk, Roxborough and surrounding suburbs. Copies of all these documents are included in Appendix D.

8.0 CLEANUP PLAN

8.1 PROPOSED REMEDIATION

RT proposes to manage the historical fill material on site and place a deed acknowledgment on the property to achieve Act 2 liability protection based upon the Site Specific Standard.

8.2 HEALTH AND SAFETY CONCERNS

During the proposed earthwork activities, exposure to and movement of the historic fill shall be minimized. It will be the responsibility of the earthwork contractor to develop a Health and Safety Plan for worker safety. In general, the exposure pathways of concern during construction are direct contact, through dermal or inhalation (if dry). Site workers shall be made aware of the historic fill material and the potential exposure pathways. The concentrations of the PAHs in the historic fill should not pose a concern to human health or the environment, as long as proper personal protection and exposure precautions are observed. It is expected that butyl gloves and particulate masks will be worn during dry conditions.

8.3 EROSION CONTROL

The historical fill material shall be managed in a manner so as to avoid wind and water dispersal. The materials shall be covered promptly after movement and placement.

8.4 CAPPING

All historical fill material potentially impacted by metals and PAHs will be capped over during construction by asphalt, the proposed buildings, or two feet of clean fill to eliminate the direct contact pathway. Movement of the fill material will be minimized, and properly managed prior to capping. Figure 5 depicts the location of the proposed building and features.

8.5 DEED ACKNOWLEDGMENT

A notice will be filed with the appropriate deed registry identifying the presence of the historic fill material with concentrations of arsenic and benzo(a)pyrene above the rSHS and requiring that the capping be maintained, or that alternative compliance with Act 2 Standards be achieved in order to maintain Act 2 liability protection.

8.6 FINAL REPORT

A final report will be submitted upon completion of capping the historical fill. Subsequent to PADEP's approval of the final report, Act 2 liability protection will be afforded to Venice Island Realty Partners and Ned Green Partnership.

9.0 CONCLUSIONS

The information and data presented in this RIR/Cleanup Plan support the conclusion that the site has been characterized in accordance with the requirements of 25 PA Code Chapter 250, sections 250.408 (d) and (e) for the Site Specific Standard.

- The site is proposed to be redeveloped for residential use.
 - The soil on the site consists primarily of historical fill.
 - Both shallow and deeper soil and historical fill across the site were found to be impacted with arsenic and benzo(a)pyrene, in some cases with concentrations exceeding their respective SHS.
 - Attainment of the site-specific standard for these compounds will be demonstrated through pathway elimination.
 - Access to the soil will be eliminated because it will be covered by the proposed buildings or pavement, or by at least two feet of clean fill.
 - Based upon the results of an SPLP analysis, the soil has no potential to leach arsenic to the groundwater at a concentration exceeding the groundwater residential SHS.
 - No complete exposure pathways will exist upon redevelopment of the site.
-

10.0 REFERENCES

- 1) Pennsylvania Bulletin Volume 27 Number 23
Saturday August 16, 1997, Harrisburg, P.A.
Part II. Environmental Quality Board
Administration of the Land Recycling Program (Act 2)
- 2) Engineering Characteristics of the Rocks of Pennsylvania,
Alan R. Geyer and Peter Wilshusen, 1982.
- 3) Map 61, Atlas of Preliminary Geologic Quadrangle Maps of Pennsylvania; Commonwealth
of Pennsylvania; Bureau of Topographic and Geologic Survey; Thomas M. Berg and Cristine
M. Dodge. 1931
- 4) RT Environmental, 2004, Phase I and II Environmental Site Assessment, Venice Island/
Former Mrs. Paul's Site, Manayunk, PA, issued to Lubert Adler Management dated August
17, 2004.

EHS ENVIRONMENTAL, INC.

9 SOUTH MAIN STREET • MULICA HILL, NJ • 08062
MAIN: 856-223-0080 • FAX: 856-223-0885

JACK F. CARNEY

EDUCATIONAL BACKGROUND

- B.S. Chemistry from Widener University

PROFESSIONAL CERTIFICATIONS

- Certified AHERA Inspector, Management Planner, Project Designer
- New Jersey Licensed Asbestos Safety Technician (#0012)
- Georgia Institute of Technology – Supervision of Asbestos Projects
- National Asbestos Council – Former Certified Asbestos Instructor
- Northrup Services – NIOSH 582 Course for Asbestos Analysis
- City of Philadelphia – Certified Asbestos Project Inspector
- City of Philadelphia – Certified Asbestos Investigator
- City of Philadelphia – Certified Asbestos Laboratory
- American Industrial Hygiene Association – Asbestos Analysts Registry

EMPLOYMENT HISTORY

- | | |
|-------------------------------------|--|
| ■ June, 1996 to Present | EHS Environmental, Inc.
President |
| ■ December, 1988 to June, 1996 | Environmental Hazards Services
President |
| ■ December, 1984 to December, 1988 | Accredited Environmental
Vice President |
| ■ September, 1982 to December, 1984 | Reliance Insurance Company
Environmental Laboratory Manager |
| ■ June, 1980 to September, 1982 | Scott Environmental Technology
Analytical Chemists |

EXPERIENCE AND QUALIFICATIONS

Mr. Carney has over twenty five years experience in the sampling and analysis of pollutants in the field of occupational safety and health. Mr. Carney has also been responsible for the AIHA Accreditation of three laboratories as well as the QC/QA programs for these laboratories.

Mr. Carney has coordinated the field operations at over 10,000 abatement/remediation projects including various Fortune 500 companies. Further, Mr. Carney has prepared plans and specifications for bidding purposes, contract documents, environmental impact studies, Phase I environmental assessments, environmental remediation/abatement project reports, as well as laboratory reports.

In the area of laboratory analysis, Mr. Carney has analyzed industrial hygiene samples both in the laboratory and in the field. Mr. Carney has been proficient in the analysis of asbestos, organics, arson, pesticides, herbicides, and silica. Mr. Carney is a member of the American Industrial Hygiene Association.

CHS Environmental, Inc.

REFERENCES

Environmental Search Data: Environmental Data Resources, Inc., 3530 Post Road, Southport, CT. 06890

Sanborn Maps: Environmental Data Resources, Inc., 3530 Post Road, Southport, CT. 06890

Topographical Map: MapTech, TopoScout, 655 Portsmouth Avenue, Greenland, NH 03840

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/04/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/28/2005	Telephone: 505-845-0011
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 09/05/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 12/18/2006
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 07/20/2006	Source: EPA
Date Data Arrived at EDR: 07/21/2006	Telephone: 202-564-6064
Date Made Active in Reports: 08/22/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 32	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Quarterly

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: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 202-566-0250
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 09/22/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/18/2006
	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	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 10/18/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 01/15/2007
	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: 07/14/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 07/18/2006	Telephone: 202-566-1667
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 50	Next Scheduled EDR Contact: 12/18/2006
	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)

Date of Government Version: 07/14/2006	Source: EPA
Date Data Arrived at EDR: 07/18/2006	Telephone: 202-566-1667
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 50	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

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: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 10/30/2006
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/15/2007
	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: 02/13/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/21/2006	Telephone: 202-564-5088
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 07/07/2006	Source: EPA
Date Data Arrived at EDR: 08/09/2006	Telephone: 202-566-0500
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 08/09/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 11/06/2006
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 07/10/2006	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/20/2006	Telephone: 301-415-7169
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Quarterly

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: 05/16/2006	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 06/28/2006	Telephone: 303-231-5959
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 09/27/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 12/25/2006
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 07/21/2006	Source: EPA
Date Data Arrived at EDR: 07/25/2006	Telephone: N/A
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 43	Next Scheduled EDR Contact: 01/01/2007
	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: 09/05/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/04/2006
	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.

Date of Government Version: 12/31/2003	Source: EPA/NTIS
Date Data Arrived at EDR: 06/17/2005	Telephone: 800-424-9346
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 10/20/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 12/11/2006
	Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

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: 02/01/2006	Source: Department Environmental Protection
Date Data Arrived at EDR: 02/17/2006	Telephone: 717-783-7816
Date Made Active in Reports: 03/15/2006	Last EDR Contact: 08/18/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 11/13/2006
	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: 05/05/2004	Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/26/2004	Telephone: 717-783-7816
Date Made Active in Reports: 06/24/2004	Last EDR Contact: 08/16/2006
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/13/2006
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWF/LF: Operating Facilities

Date of Government Version: 03/15/2006
Date Data Arrived at EDR: 03/31/2006
Date Made Active in Reports: 05/04/2006
Number of Days to Update: 34

Source: Department of Environmental Protection
Telephone: 717-787-7564
Last EDR Contact: 09/21/2006
Next Scheduled EDR Contact: 12/18/2006
Data Release Frequency: Semi-Annually

HIST LF: Abandoned Landfill Inventory

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

Date of Government Version: 01/04/2005
Date Data Arrived at EDR: 01/04/2005
Date Made Active in Reports: 02/04/2005
Number of Days to Update: 31

Source: Department of Environmental Protection
Telephone: 717-787-7564
Last EDR Contact: 09/18/2006
Next Scheduled EDR Contact: 12/18/2006
Data Release Frequency: Varies

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

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: 06/14/2006
Date Data Arrived at EDR: 07/12/2006
Date Made Active in Reports: 08/18/2006
Number of Days to Update: 37

Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 10/12/2006
Next Scheduled EDR Contact: 01/08/2007
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/01/2006
Date Data Arrived at EDR: 06/07/2006
Date Made Active in Reports: 06/30/2006
Number of Days to Update: 23

Source: Department of Environmental Protection
Telephone: 717-772-5599
Last EDR Contact: 10/12/2006
Next Scheduled EDR Contact: 01/08/2007
Data Release Frequency: Varies

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: 06/01/2006
Date Data Arrived at EDR: 06/07/2006
Date Made Active in Reports: 07/12/2006
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-772-5599
Last EDR Contact: 10/12/2006
Next Scheduled EDR Contact: 01/08/2007
Data Release Frequency: Varies

LAST: Storage Tank Release Sites

Leaking Aboveground Storage Tank Incident Reports.

Date of Government Version: 06/14/2006
Date Data Arrived at EDR: 07/12/2006
Date Made Active in Reports: 08/18/2006
Number of Days to Update: 37

Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 10/12/2006
Next Scheduled EDR Contact: 01/08/2007
Data Release Frequency: Semi-Annually

AST: Listing of Pennsylvania Regulated Aboveground Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/07/2006
Date Made Active in Reports: 06/30/2006
Number of Days to Update: 23

Source: Department of Environmental Protection
Telephone: 717-772-5599
Last EDR Contact: 10/12/2006
Next Scheduled EDR Contact: 01/08/2007
Data Release Frequency: Varies

ARCHIVE AST: Archived Aboveground Storage Tank Sites

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

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/07/2006
Date Made Active in Reports: 07/12/2006
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-772-5599
Last EDR Contact: 10/12/2006
Next Scheduled EDR Contact: 01/08/2007
Data Release Frequency: Varies

MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 05/04/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 33

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 09/11/2006
Next Scheduled EDR Contact: 12/11/2006
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/19/2006
Date Data Arrived at EDR: 09/20/2006
Date Made Active in Reports: 09/29/2006
Number of Days to Update: 9

Source: Department of Environmental Protection
Telephone: 717-783-9470
Last EDR Contact: 09/11/2006
Next Scheduled EDR Contact: 11/13/2006
Data Release Frequency: Varies

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: 07/03/2006
Date Data Arrived at EDR: 08/21/2006
Date Made Active in Reports: 09/29/2006
Number of Days to Update: 39

Source: Department of Environmental Protection
Telephone: 717-783-9470
Last EDR Contact: 08/16/2006
Next Scheduled EDR Contact: 11/13/2006
Data Release Frequency: Varies

INST CONTROL: Institutional Controls Site Listing

Under the Land Recycling Act (Act 2) persons who perform a site cleanup using the site-specific standard or the special industrial area standard may use engineering or institutional controls as part of the response action. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/03/2006
Date Data Arrived at EDR: 08/21/2006
Date Made Active in Reports: 09/29/2006
Number of Days to Update: 39

Source: Department of Environmental Protection
Telephone: 717-783-9470
Last EDR Contact: 08/16/2006
Next Scheduled EDR Contact: 11/13/2006
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Sites

Sites involved in the Voluntary Cleanup Program

Date of Government Version: 09/19/2006
Date Data Arrived at EDR: 09/20/2006
Date Made Active in Reports: 09/29/2006
Number of Days to Update: 9

Source: Department of Environmental Protection
Telephone: 717-783-2388
Last EDR Contact: 09/11/2006
Next Scheduled EDR Contact: 11/13/2006
Data Release Frequency: Semi-Annually

DRYCLEANERS: Drycleaner Facility Locations

A listing of drycleaner facility locations.

Date of Government Version: 07/20/2006
Date Data Arrived at EDR: 07/20/2006
Date Made Active in Reports: 08/18/2006
Number of Days to Update: 29

Source: Department of Environmental Protection
Telephone: 717-787-9702
Last EDR Contact: 10/30/2006
Next Scheduled EDR Contact: 01/15/2007
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BROWNFIELDS: Brownfields Sites

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 09/15/2006
Date Made Active in Reports: 09/29/2006
Number of Days to Update: 14

Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 09/11/2006
Next Scheduled EDR Contact: 11/13/2006
Data Release Frequency: Varies

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

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 05/03/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 34

Source: Department of Environmental Protection
Telephone: 717-787-9702
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Annually

TRIBAL RECORDS

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: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 08/11/2006
Next Scheduled EDR Contact: 11/06/2006
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 06/08/2006
Date Data Arrived at EDR: 06/09/2006
Date Made Active in Reports: 06/28/2006
Number of Days to Update: 19

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
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: 06/01/2006
Date Data Arrived at EDR: 07/10/2006
Date Made Active in Reports: 09/12/2006
Number of Days to Update: 64

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Varies

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: 06/01/2006
Date Data Arrived at EDR: 06/23/2006
Date Made Active in Reports: 08/02/2006
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 06/08/2006
Date Data Arrived at EDR: 06/09/2006
Date Made Active in Reports: 07/28/2006
Number of Days to Update: 49

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/06/2006	Source: EPA Region 8
Date Data Arrived at EDR: 06/09/2006	Telephone: 303-312-6271
Date Made Active in Reports: 07/28/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/01/2006	Source: EPA Region 4
Date Data Arrived at EDR: 02/27/2006	Telephone: 404-562-8677
Date Made Active in Reports: 03/28/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005	Source: EPA Region 6
Date Data Arrived at EDR: 01/21/2005	Telephone: 214-665-6597
Date Made Active in Reports: 02/28/2005	Last EDR Contact: 08/21/2006
Number of Days to Update: 38	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 01/01/2006	Source: EPA Region 4
Date Data Arrived at EDR: 02/27/2006	Telephone: 404-562-9424
Date Made Active in Reports: 03/28/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Semi-Annually

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 06/30/2006	Source: EPA Region 6
Date Data Arrived at EDR: 07/03/2006	Telephone: 214-665-7591
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 08/21/2006
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 06/06/2006	Source: EPA Region 8
Date Data Arrived at EDR: 06/09/2006	Telephone: 303-312-6137
Date Made Active in Reports: 07/28/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/08/2006
Date Data Arrived at EDR: 06/09/2006
Date Made Active in Reports: 07/28/2006
Number of Days to Update: 49

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 06/08/2006
Date Data Arrived at EDR: 06/09/2006
Date Made Active in Reports: 06/30/2006
Number of Days to Update: 21

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 07/10/2006
Date Made Active in Reports: 09/12/2006
Number of Days to Update: 64

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/23/2006
Date Made Active in Reports: 08/02/2006
Number of Days to Update: 40

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Quarterly

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

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

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

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

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

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

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 09/11/2006
Next Scheduled EDR Contact: 12/11/2006
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 07/06/2006
Date Made Active in Reports: 08/01/2006
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/05/2006
Next Scheduled EDR Contact: 01/01/2007
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: 08/01/2006
Date Data Arrived at EDR: 08/30/2006
Date Made Active in Reports: 10/16/2006
Number of Days to Update: 47

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/30/2006
Next Scheduled EDR Contact: 11/27/2006
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 09/30/2005
Date Data Arrived at EDR: 05/09/2006
Date Made Active in Reports: 05/24/2006
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 09/18/2006
Next Scheduled EDR Contact: 12/18/2006
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 06/29/2006
Date Made Active in Reports: 07/31/2006
Number of Days to Update: 32

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 08/15/2006
Next Scheduled EDR Contact: 11/13/2006
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/08/2007
Data Release Frequency: Annually

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

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

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

Daycare Centers: Child Care Facility List

Source: Department of Public Welfare
Telephone: 717-783-3856

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

STREET AND ADDRESS INFORMATION

© 2006 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

LEVERINGTON AVENUE/FLAT ROCK ROAD
LEVERINGTON AVENUE/FLAT ROCK ROAD
PHILADELPHIA, PA 19127

TARGET PROPERTY COORDINATES

Latitude (North):	40.02840 - 40° 1' 42.2"
Longitude (West):	75.2307 - 75° 13' 50.5"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	480315.2
UTM Y (Meters):	4430724.5
Elevation:	32 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	40075-A2 GERMANTOWN, PA
Most Recent Revision:	1997

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).

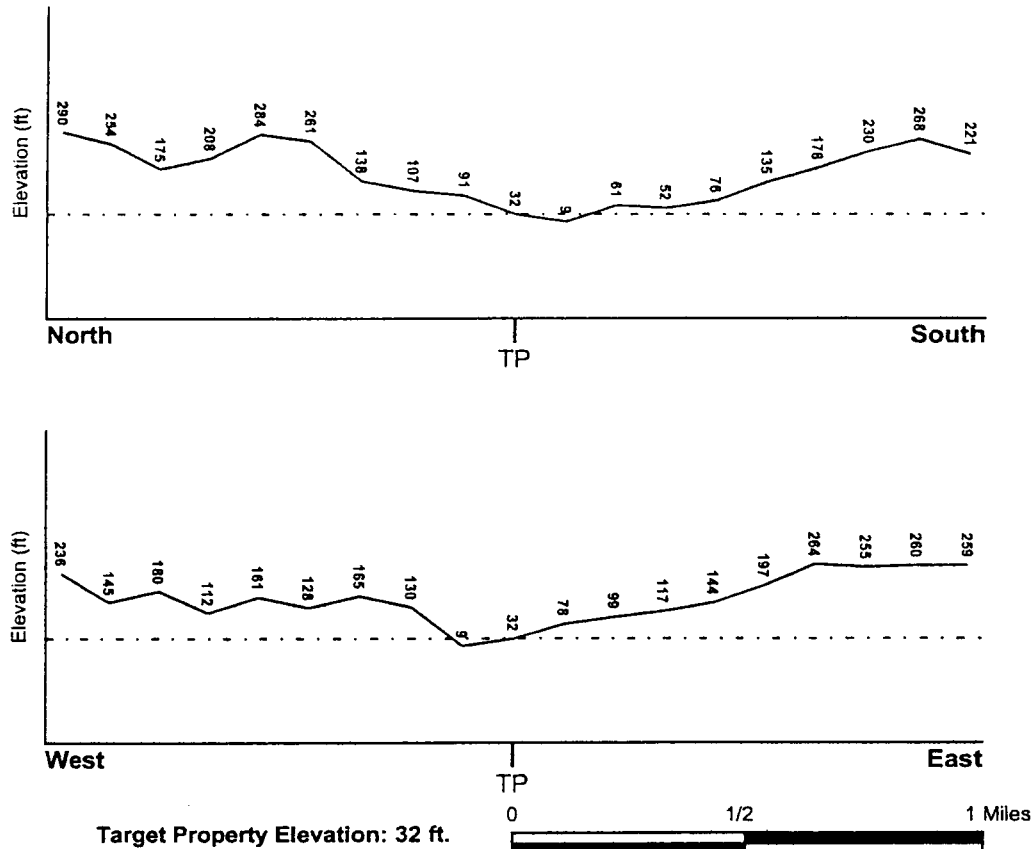
TOPOGRAPHIC INFORMATION

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 SE

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
PHILADELPHIA, PA

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

Flood Plain Panel at Target Property: 4207570088F

Additional Panels in search area:
42091C0386E
42091C0388E
42091C0389E
4207570086F
4207570087F
4207570089F

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
GERMANTOWN

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.

MAP ID
Not Reported

LOCATION
FROM TP

GENERAL DIRECTION
GROUNDWATER FLOW

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: Cambrian
Series: Cambrian
Code: Ce (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Eugeosynclinal Deposits

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: 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. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	8 inches	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: 2.00 Min: 0.60	Max: 5.50 Min: 4.50
2	8 inches	42 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 4.50
3	42 inches	62 inches	silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 4.50

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: extremely stony - silt loam
loam
channery - loam
very stony - loam

Surficial Soil Types: extremely stony - silt loam
loam
channery - loam
very stony - loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: loam
channery - fine sandy loam
clay loam
weathered bedrock
stratified

LOCAL / REGIONAL WATER AGENCY RECORDS

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	USGS2168625	0 - 1/8 Mile SSE
B4	USGS2168644	0 - 1/8 Mile NW
B5	USGS2168648	0 - 1/8 Mile NW
D17	USGS2168387	1/4 - 1/2 Mile NNW
D18	USGS2168388	1/4 - 1/2 Mile NNW
I40	USGS2168491	1/2 - 1 Mile ENE
J42	USGS2168437	1/2 - 1 Mile NNW
K43	USGS2168397	1/2 - 1 Mile NE
J45	USGS2168455	1/2 - 1 Mile NNW
M49	USGS2168709	1/2 - 1 Mile ESE
O57	USGS2168316	1/2 - 1 Mile NNE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

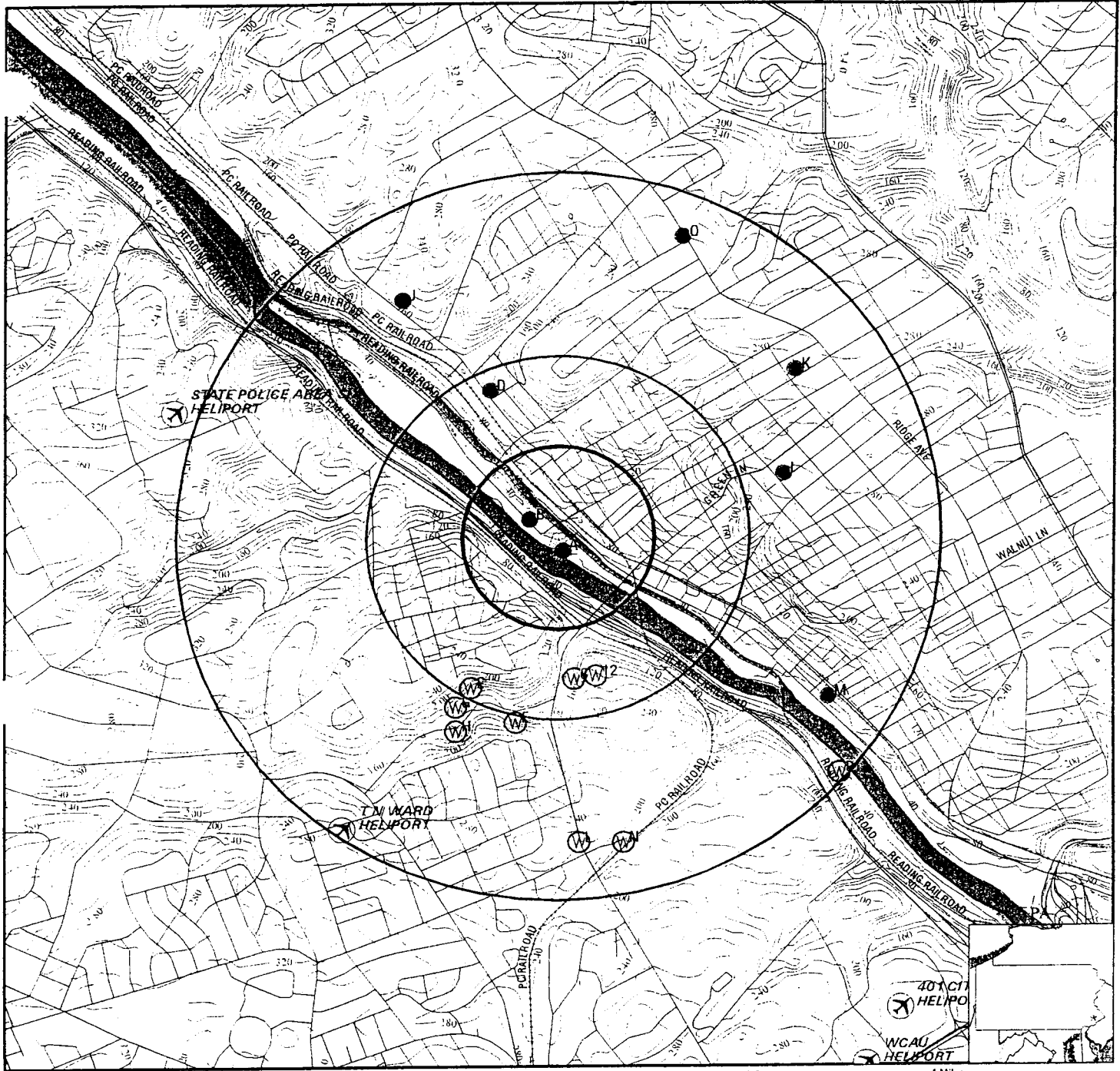
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	PA1000000034016	0 - 1/8 Mile SSE
B3	PA1000000034115	0 - 1/8 Mile NW
B6	PA1000000034149	0 - 1/8 Mile NW
C7	SPAW0119756	1/4 - 1/2 Mile South
C8	PA1000000033437	1/4 - 1/2 Mile South
C9	SPAW0119757	1/4 - 1/2 Mile South
C10	PA1000000033404	1/4 - 1/2 Mile South
C11	SPAW0119806	1/4 - 1/2 Mile SSE
12	PA1000000033403	1/4 - 1/2 Mile SSE
C13	PA1000000033371	1/4 - 1/2 Mile South
C14	SPAW0119805	1/4 - 1/2 Mile South
C15	PA1000000033324	1/4 - 1/2 Mile South
C16	SPAW0119804	1/4 - 1/2 Mile South
D19	PA1000000034652	1/4 - 1/2 Mile NNW
D20	PA1000000034653	1/4 - 1/2 Mile NNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
E21	PA1000000033325	1/4 - 1/2 Mile SSW
E22	SPAW0119761	1/4 - 1/2 Mile SSW
E23	PA1000000033372	1/4 - 1/2 Mile SSW
E24	SPAW0119772	1/4 - 1/2 Mile SSW
E25	PA1000000033326	1/4 - 1/2 Mile SSW
E26	SPAW0119771	1/4 - 1/2 Mile SSW
F27	PA1000000033173	1/2 - 1 Mile South
F28	SPAW0119795	1/2 - 1 Mile South
G29	SPAW0119770	1/2 - 1 Mile SSW
G30	PA1000000033283	1/2 - 1 Mile SSW
F31	PA1000000033130	1/2 - 1 Mile South
F32	SPAW0119797	1/2 - 1 Mile South
F33	PA1000000033131	1/2 - 1 Mile SSW
F34	SPAW0119798	1/2 - 1 Mile SSW
G35	PA1000000033174	1/2 - 1 Mile SSW
G36	SPAW0119818	1/2 - 1 Mile SSW
H37	SPAW0119796	1/2 - 1 Mile SSW
H38	PA1000000033087	1/2 - 1 Mile SSW
I39	PA1000000034318	1/2 - 1 Mile ENE
J41	PA1000000035075	1/2 - 1 Mile NNW
K44	PA1000000034747	1/2 - 1 Mile NE
J46	PA1000000035151	1/2 - 1 Mile NNW
L47	SPAW0119788	1/2 - 1 Mile South
L48	PA1000000032526	1/2 - 1 Mile South
M50	PA1000000033282	1/2 - 1 Mile ESE
L51	PA1000000032493	1/2 - 1 Mile South
L52	SPAW0119789	1/2 - 1 Mile South
N53	PA1000000032492	1/2 - 1 Mile SSE
N54	SPAW0162002	1/2 - 1 Mile SSE
L55	PA1000000032446	1/2 - 1 Mile South
L56	SPAW0119790	1/2 - 1 Mile South
O58	PA1000000035436	1/2 - 1 Mile NNE
P59	PA1000000032853	1/2 - 1 Mile SE
P60	SPAW0119749	1/2 - 1 Mile SE

PHYSICAL SETTING SOURCE MAP - 1789619.2s



County Boundary

Major Roads

Contour Lines

Airports

Earthquake epicenter, Richter 5 or greater

Water Wells

Public Water Supply Wells

Cluster of Multiple Icons

Groundwater Flow Direction

(G) Indeterminate Groundwater Flow at Location

(GV) Groundwater Flow Varies at Location

SITE NAME: Leverington Avenue/Flat Rock Road
 ADDRESS: Leverington Avenue/Flat Rock Road
 Philadelphia PA 19127
 LAT/LONG: 40.0284 / 75.2307

CLIENT: AMEC
 CONTACT: Steven Tanen
 INQUIRY #: 1789619.2s
 DATE: November 03, 2006 4:15 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

A1

SSE

PA WELLS

PA1000000034016

0 - 1/8 Mile

Lower

WELLID: 400140075135101

LOCALWELLN:

PH 543

COUNTY: PHILADELPHIA

AAPG: 300WSCKO

TOPOGRAPHY: VALLEY FLAT

WELLDEPTH: 500

ELEVATION: 30

ELEVMETHOD: INTERPOLATED FROM TOPOGRAPHIC MAP

ACCURACYOF: 10

HYDROLOGIC: 02040203

LATLONGACCURACY: ACCURATE TO +1 SECOND

QUAD: GERMANTOWN

TYPEOFSITE: WELL

DATECREATE: Not Reported

DATEUPDATE:

Not Reported

DATARELIABILITY: FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)

SOURCE DEPTH DATA: OTHER/UNKNOWN/UNSPECIFIED

MUNICIPALITY: PHILADELPHIA

LATITUDEDD: 40.02778

LONGITUDEDD: 75.22082

DEPTH TO BED: 0
DATED RILLE: Not Reported
PAGWIS ID: 30550

Agency Use Section:

Agency Use of Site: OBSERVATION
Agency Use Date: Not Reported

Construction Information:

Construction Date: 05/21/1952 00:00:00
Driller: -221
Source Cons Data: DRILLER'S RECORD
Method Cons: CABLE TOOL
Finish: OPEN HOLE

Casing Information:

Top Of Casing: 0
Bottom Of Casing: 40
Casing: UNKNOWN

Casing Wall Thickness: Not Reported
Casing Diameter: 8

Hole Information:

Top Of Hole: 0
Bottom Of Hole: 0

Hole Diameter: 8

Geohydrologic Information:

A A P G: 300WSCKO
Lithology: SCHIST
Contributing Unit: PRIMARY
Top Of Interval: Not Reported

Bottom Of Interval: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

AAPG: BEDROCK
 Lithology: UNKNOWN
 Contributing Unit: SECONDARY
 Top Of Interval: 6
 Bottom Of Interval: Not Reported

Water Use Information:
 Site Use: UNUSED
 Water Use: UNUSED

Owner Information:
 Owner: MRS PAULS KITCHENS I
 Date Ownership: 05/21/1952 00:00:00

A2
 SSE
 0 - 1/8 Mile
 Lower

FED USGS USGS2168625

Agency cd:	USGS	Site no:	400140075135101
Site name:	PH 543		
Latitude:	400140	Dec lat:	40.02788979
Longitude:	0751351	Coor meth:	M
Dec lon:	-75.23045775	Latlong datum:	NAD27
Coor accr:	S	District:	42
Dec latlong datum:	NAD83	County:	101
State:	42	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	GERMANTOWN	Altitude method:	M
Altitude:	30	Altitude datum:	NGVD29
Altitude accuracy:	10		
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19520521
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:	WISSAHICKON FORMATION, OLIGOCLASE MICA SCHIST	Hole depth:	Not Reported
Well depth:	500	Project number:	Not Reported
Source of depth data:	Not Reported	Daily flow data begin date:	0000-00-00
Real time data flag:	0	Daily flow data count:	0
Daily flow data end date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data begin date:	0000-00-00	Water quality data begin date:	1954-11-24
Peak flow data count:	0	Water quality data count:	2
Water quality data end date:	1980-10-03	Ground water data end date:	1979-01-09
Ground water data begin date:	1952-05-21		
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1979-01-09	7.90		1952-05-21	17	

B3
 NW
 0 - 1/8 Mile
 Higher

PA WELLS PA1000000034115

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

WELLID:	400144075135601	LOCALWELLN:	PH 542
COUNTY:	PHILADELPHIA		
AAPG:	300WSCKO		
TOPOGRAPHY:	VALLEY FLAT		
WELLDEPTH:	275		
ELEVATION:	40		
ELEVMETHOD:	INTERPOLATED FROM TOPOGRAPHIC MAP		
ACCURACYOF:	10		
HYDROLOGIC:	02040203		
LATLONGACCURACY:	ACCURATE TO +1 SECOND		
QUAD:	GERMANTOWN		
TYPEOFSITE:	WELL		
DATECREATE:	Not Reported	DATEUPDATE:	Not Reported
DATARELIABILITY:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
SOURCE DEPTH DATA:	OTHER/UNKNOWN/UNSPECIFIED		
MUNICIPALITY:	PHILADELPHIA		
LATITUDEDD:	40.02889		
LONGITUDEDD:	-75.23222		
DEPTHTOBED:	0		
DATEDRILLE:	Not Reported		
PAGWIS ID:	30552		

Agency Use Section:

Agency Use of Site:	OBSERVATION
Agency Use Date:	Not Reported

Construction Information:

Construction Date:	01/01/1954 00:00:00
Driller:	-221
Source Cons Data:	WELL OWNER
Method Cons:	CABLE TOOL
Finish:	OPEN HOLE

Casing Information:

Top Of Casing:	0	Casing Wall Thickness:	Not Reported
Bottom Of Casing:	Not Reported	Casing Diameter:	8
Casing:	UNKNOWN		

Hole Information:

Top Of Hole:	0	Hole Diameter:	8
Bottom Of Hole:	0		

Geohydrologic Information:

A A P G:	300WSCKO		
Lithology:	SCHIST		
Contributing Unit:	PRIMARY		
Top Of Interval:	Not Reported	Bottom Of Interval:	Not Reported

Water Use Information:

Site Use:	UNUSED
Water Use:	UNUSED

Owner Information:

Owner:	NATIONAL MILLING & C
Date Ownership:	01/01/1954 00:00:00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B4
NW
0 - 1/8 Mile
Higher
FED USGS USGS2168644

Agency cd:	USGS	Site no:	400144075135601
Site name:	PH 542		
Latitude:	400144		
Longitude:	0751356	Dec lat:	40.02900087
Dec lon:	-75.23184666	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	42
State:	42	County:	101
Country:	US	Land net:	Not Reported
Location map:	GERMANTOWN	Map scale:	24000
Altitude:	40.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19540101
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:	WISSAHICKON FORMATION, OLIGOCENE MICA SCHIST		
Well depth:	275	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:	1954-11-24
Water quality data end date:	1980-08-20	Water quality data count:	2
Ground water data begin date:	1979-01-09	Ground water data end date:	1979-01-09
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1979-01-09	11.42	

B5
NW
0 - 1/8 Mile
Higher
FED USGS USGS2168648

Agency cd:	USGS	Site no:	400145075135801
Site name:	PH 541		
Latitude:	400145		
Longitude:	0751358	Dec lat:	40.02927864
Dec lon:	-75.23240224	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	42
State:	42	County:	101
Country:	US	Land net:	Not Reported
Location map:	GERMANTOWN	Map scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	40.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19310101
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:	WISSAHICKON FORMATION,OLIGOCENE MICA SCHIST		
Well depth:	510	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:	1954-11-24	Ground water data end date:	1954-11-24
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1954-11-24	15.58	

B6
NW
0 - 1/8 Mile
Higher

PA WELLS PA1000000034149

WELLID:	400145075135801	LOCALWELLN:	PH 541
COUNTY:	PHILADELPHIA		
AAPG:	300WSCKO		
TOPOGRAPHY:	VALLEY FLAT		
WELLDEPTH:	510		
ELEVATION:	40		
ELEVMETHOD:	INTERPOLATED FROM TOPOGRAPHIC MAP		
ACCURACYOF:	10		
HYDROLOGIC:	02040203		
LATLONGACCURACY:	ACCURATE TO +1 SECOND		
QUAD:	GERMANTOWN		
TYPEOFSITE:	WELL		
DATECREATE:	Not Reported	DATEUPDATE:	Not Reported
DATA RELIABILITY:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
SOURCE DEPTH DATA:	OTHER/UNKNOWN/UNSPECIFIED		
MUNICIPALITY:	PHILADELPHIA		
LATITUDEDD:	40.02917		
LONGITUDEDD:	-75.23278		
DEPTH TO BED:	0		
DATEDRILL:	Not Reported		
PAGWIS ID:	30304		

Agency Use Section:

Agency Use of Site:	OBSERVATION
Agency Use Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Information:

Construction Date: 01/01/1931 00:00:00
 Driller: -204
 Source Cons Data: DRILLER'S RECORD
 Method Cons: CABLE TOOL
 Finish: OPEN HOLE

Casing Information:

Top Of Casing: 0
 Bottom Of Casing: 10
 Casing: UNKNOWN

Casing Wall Thickness: Not Reported
 Casing Diameter: 8

Hole Information:

Top Of Hole: 0
 Bottom Of Hole: 0

Hole Diameter: 8

Geohydrologic Information:

A A P G: 300WSCKO
 Lithology: SCHIST
 Contributing Unit: PRIMARY
 Top Of Interval: Not Reported

Bottom Of Interval: Not Reported

Water Use Information:

Site Use: UNUSED
 Water Use: UNUSED

Owner Information:

Owner: NATIONAL MILLING & C
 Date Ownership: 01/01/1931 00:00:00

C7
 South
 1/4 - 1/2 Mile
 Higher

PA WELLS SPAW0119756

Well ID: 4492N
 Owner's Name: EXXON CO USA
 Latitude: 400123
 Quadrangle: GERMANTOWN
 Hydrologic Unit: 02040203
 Water Usage: IRRIGATION
 Well Depth: 30
 Casing 1: 10
 Casing2: Not Reported
 Grouted: Not Reported
 Static Water Level: 12
 Yield (gpm): 15
 Drawdown: Not Reported
 Bedrock: Not Reported
 Water Bearing Zone 1: Not Reported
 Water Bearing Zone 3: Not Reported
 Municipality: LOWER MERION
 Aquifer: OLIGOCLEASE MICA SCHIST-WISSAHICKON FORMATION

County: MONTGOMERY
 Longitude: 751350
 Lat/Long Accuracy: ACCURATE TO +1 MINUTE
 Topographic Setting: HILLSIDE
 Site Usage: MONITORING
 Finish: OPEN HOLE
 Casing1 Diameter(inches): 8
 Casing2 Diameter(inches): Not Reported
 Date Drilled: 5-91
 Production WL: 30
 Yield Measurement Method: Not Reported
 Test Time: Not Reported
 Driller: 330
 Water Bearing Zone 2: Not Reported
 Lithology: SCHIST
 Remark: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

C8

South

1/4 - 1/2 Mile
Higher

PA WELLS

PA1000000033437

WELLID:	Not Reported	LOCALWELLN:	4492N
COUNTY:	MONTGOMERY		
AAPG:	300WSCKO		
TOPOGRAPHY:	HILLSIDE		
WELLDEPTH:	30		
ELEVATION:	0		
ELEVMETHOD:	Not Reported		
ACCURACYOF:	Not Reported		
HYDROLOGIC:	02040203		
LATLONGACCURACY:	ACCURATE TO +1 MINUTE		
QUAD:	GERMANTOWN		
TYPEOFSITE:	WELL		
DATECREATE:	Not Reported	DATEUPDATE:	Not Reported
DATA RELIABILITY:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
SOURCE DEPTH DATA:	DRILLER'S RECORD		
MUNICIPALITY:	LOWER MERION TWP.		
LATITUDEDD:	40.02306		
LONGITUDEDD:	-75.23056		
DEPTH TO BED:	0		
DATEDRILLE:	Not Reported		
PAGWIS ID:	164288		

Construction Information:

Construction Date:	05/01/1991 00:00:00
Driller:	330
Source Cons Data:	DRILLER'S RECORD
Method Cons:	Not Reported
Finish:	OPEN HOLE

Casing Information:

Top Of Casing:	0	Casing Wall Thickness:	Not Reported
Bottom Of Casing:	10	Casing Diameter:	8
Casing:	Not Reported		

Geohydrologic Information:

A A P G:	300WSCKO		
Lithology:	SCH		
Contributing Unit:	PRIMARY		
Top Of Interval:	Not Reported	Bottom Of Interval:	Not Reported

Water Use Information:

Site Use:	MINE
Water Use:	IRRIGATION

Owner Information:

Owner:	EXXON CO USA
Date Ownership:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

C9
South
1/4 - 1/2 Mile
Higher

PA WELLS SPAW0119757

Well ID:	4493N	County	MONTGOMERY
Owner's Name:	EXXON CO USA	Longitude:	751351
Latitude:	400122	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	GERMANTOWN	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	IRRIGATION	Finish:	OPEN HOLE
Well Depth:	30	Casing1 Diameter(inches):	8
Casing 1:	10	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	5-91
Grouted:	Not Reported	Production WL:	Not Reported
Static Water-Level:	Not Reported	Yield Measurement Method:	Not Reported
Yield (gpm):	0.5	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	330
Bedrock:	Not Reported	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	SCHIST
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	LOWER MERION		
Aquifer:	OLIGOCLASE MICA SCHIST-WISSAHICKON FORMATION		

C10
South
1/4 - 1/2 Mile
Higher

PA WELLS PA1000000033404

WELLID:	Not Reported	LOCALWELLN:	4493N
COUNTY:	MONTGOMERY		
AAPG:	300WSCKO		
TOPOGRAPHY:	HILLSIDE		
WELLDEPTH:	30		
ELEVATION:	0		
ELEVMETHOD:	Not Reported		
ACCURACYOF:	Not Reported		
HYDROLOGIC:	02040203		
LATLONGACCURACY:	ACCURATE TO +1 MINUTE		
QUAD:	GERMANTOWN		
TYPEOFSITE:	WELL		
DATECREATE:	Not Reported	DATEUPDATE:	Not Reported
DATA RELIABILITY:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
SOURCE DEPTH DATA:	DRILLER'S RECORD		
MUNICIPALITY:	LOWER MERION TWP.		
LATITUDEDD:	40.02278		
LONGITUDEDD:	-75.23083		
DEPTH TO BED:	0		
DATEDRILLE:	Not Reported		
PAGWIS ID:	164289		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Information:

Construction Date: 05/01/1991 00:00:00
Driller: 330
Source Cons Data: DRILLER'S RECORD
Method Cons: Not Reported
Finish: OPEN HOLE

Casing Information:

Top Of Casing:	0	Casing Wall Thickness:	Not Reported
Bottom Of Casing:	10	Casing Diameter:	8
Casing:	Not Reported		

Geohydrologic Information:

A A P G:	300WSCKO		
Lithology:	SCH		
Contributing Unit:	PRIMARY		
Top Of Interval:	Not Reported	Bottom Of Interval:	Not Reported

Water Use Information:

Site Use: MINE
Water Use: IRRIGATION

Owner Information:

Owner: EXXON CO USA
Date Ownership: Not Reported

C11

SSE

1/4 - 1/2 Mile
Higher

PA WELLS SPAW0119806

Well ID:	4542N	County	MONTGOMERY
Owner's Name:	STARR ENTERPRISES	Longitude:	751345
Latitude:	400122	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	GERMANTOWN	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	11	Casing1 Diameter(inches):	4
Casing 1:	11	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	8-92
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	Not Reported
Yield (gpm):	Not Reported	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1848
Bedrock:	Not Reported	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	Not Reported
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	LOWER MERION		
Aquifer:	OLIGOCASE MICA SCHIST-WISSAHICKON FORMATION		

12

SSE

1/4 - 1/2 Mile
Higher

PA WELLS PA1000000033403

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

WELLID:	Not Reported	LOCALWELLN:	4542N
COUNTY:	MONTGOMERY		
AAPG:	300WSCKO		
TOPOGRAPHY:	HILLSIDE		
WELLDEPTH:	11		
ELEVATION:	0		
ELEVMETHOD:	Not Reported		
ACCURACYOF:	Not Reported		
HYDROLOGIC:	02040203		
LATLONGACCURACY:	ACCURATE TO +1 MINUTE		
QUAD:	GERMANTOWN		
TYPEOFSITE:	WELL		
DATECREATE:	Not Reported	DATEUPDATE:	Not Reported
DATA RELIABILITY:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
SOURCE DEPTH DATA:	DRILLER'S RECORD		
MUNICIPALITY:	LOWER MERION TWP.		
LATITUDEDD:	40.02278		
LONGITUDEDD:	-75.22917		
DEPTH TO BED:	0		
DATEDRILLE:	Not Reported		
PAGWIS ID:	164338		

Construction Information:

Construction Date:	08/01/1992 00:00:00
Driller:	1848
Source Cons Data:	DRILLER'S RECORD
Method Cons:	Not Reported
Finish:	OPEN HOLE

Casing Information:

Top Of Casing:	0	Casing Wall Thickness:	Not Reported
Bottom Of Casing:	11	Casing Diameter:	4
Casing:	Not Reported		

Geohydrologic Information:

A A P G:	300WSCKO		
Lithology:	Not Reported		
Contributing Unit:	PRIMARY		
Top Of Interval:	Not Reported	Bottom Of Interval:	Not Reported

Water Use Information:

Site Use:	MINE
Water Use:	Not Reported

Owner Information:

Owner:	STARR ENTERPRISES
Date Ownership:	Not Reported

C13
South
1/4 - 1/2 Mile
Higher

PA WELLS PA1000000033371

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

WELLID:	Not Reported	LOCALWELLN:	4541N
COUNTY:	MONTGOMERY		
AAPG:	300WSCKO		
TOPOGRAPHY:	HILLSIDE		
WELLDEPTH:	11		
ELEVATION:	0		
ELEVMETHOD:	Not Reported		
ACCURACYOF:	Not Reported		
HYDROLOGIC:	02040203		
LATLONGACCURACY:	ACCURATE TO +1 MINUTE		
QUAD:	GERMANTOWN		
TYPEOFSITE:	WELL		
DATECREATE:	Not Reported	DATEUPDATE:	Not Reported
DATARELIABILITY:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
SOURCE DEPTH DATA:	DRILLER'S RECORD		
MUNICIPALITY:	LOWER MERION TWP.		
LATITUDEDD:	40.0225		
LONGITUDEDD:	-75.22972		
DEPTHTOBED:	0		
DATEDRILLE:	Not Reported		
PAGWIS ID:	164337		

Construction Information:

Construction Date:	08/01/1992 00:00:00
Driller:	1848
Source Cons Data:	DRILLER'S RECORD
Method Cons:	Not Reported
Finish:	OPEN HOLE

Casing Information:

Top Of Casing:	0	Casing Wall Thickness:	Not Reported
Bottom Of Casing:	11	Casing Diameter:	8
Casing:	Not Reported		

Geohydrologic Information:

A A P G:	300WSCKO		
Lithology:	Not Reported		
Contributing Unit:	PRIMARY		
Top Of Interval:	Not Reported	Bottom Of Interval:	Not Reported

Water Use Information:

Site Use:	MINE
Water Use:	Not Reported

Owner Information:

Owner:	STARR ENTERPRISES
Date Ownership:	Not Reported

C14
South
1/4 - 1/2 Mile
Higher

PA WELLS SPAW0119805



GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	4541N	County	MONTGOMERY
Owner's Name:	STARR ENTERPRISES	Longitude:	751347
Latitude:	400121	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	GERMANTOWN	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	11	Casing1 Diameter(inches):	8
Casing 1:	11	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	8-92
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	Not Reported
Yield (gpm):	Not Reported	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1848
Bedrock:	Not Reported	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	Not Reported
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	LOWER MERION		
Aquifer:	OLIGOCLASE MICA SCHIST-WISSAHICKON FORMATION		

C15
South
1/4 - 1/2 Mile
Higher

PA WELLS

PA1000000033324

WELLID:	Not Reported	LOCALWELLN:	4540N
COUNTY:	MONTGOMERY		
AAPG:	300WCKO		
TOPOGRAPHY:	HILLSIDE		
WELLDEPTH:	11		
ELEVATION:	0		
ELEVMETHOD:	Not Reported		
ACCURACYOF:	Not Reported		
HYDROLOGIC:	02040203		
LATLONGACCURACY:	ACCURATE TO +1 MINUTE		
QUAD:	GERMANTOWN		
TYPEOFSITE:	WELL		
DATECREATE:	Not Reported	DATEUPDATE:	Not Reported
DATARELIABILITY:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
SOURCE DEPTH DATA:	DRILLER'S RECORD		
MUNICIPALITY:	LOWER MERION TWP.		
LATITUDEDD:	40.02222		
LONGITUDEDD:	-75.23056		
DEPTHTOBED:	0		
DATEDRILLE:	Not Reported		
PAGWIS ID:	164336		

Construction Information:

Construction Date:	08/01/1992 00:00:00
Driller:	1848
Source Cons Data:	DRILLER'S RECORD
Method Cons:	Not Reported
Finish:	OPEN HOLE

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Information:

Top Of Casing: 0
Bottom Of Casing: 11
Casing: Not Reported

Casing Wall Thickness: Not Reported
Casing Diameter: 8

Geohydrologic Information:

A A P G: 300WSCKO
Lithology: Not Reported
Contributing Unit: PRIMARY
Top Of Interval: Not Reported

Bottom Of Interval: Not Reported

Water Use Information:

Site Use: MINE
Water Use: Not Reported

Owner Information:

Owner: STARR ENTERPRISES
Date Ownership: Not Reported

C16
South
1/4 - 1/2 Mile
Higher

PA WELLS SPAW0119804

Well ID:	4540N	County	MONTGOMERY
Owner's Name:	STARR ENTERPRISES	Longitude:	751350
Latitude:	400120	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	GERMANTOWN	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	11	Casing1 Diameter(inches):	8
Casing 1:	11	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	8-92
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	Not Reported
Yield (gpm):	Not Reported	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1848
Bedrock:	Not Reported	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	Not Reported
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	LOWER MERION		
Aquifer:	OLIGOCLASE MICA SCHIST-WISSAHICKON FORMATION		

D17
NNW
1/4 - 1/2 Mile
Higher

FED USGS USGS2168387

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	400203075140401
Site name:	PH 781		
Latitude:	400203		
Longitude:	0751404	Dec lat:	40.03427853
Dec lon:	-75.23406884	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	42
State:	42	County:	101
Country:	US	Land net:	Not Reported
Location map:	GERMANTOWN	Map scale:	24000
Altitude:	110.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19550812
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:	WISSAHICKON FORMATION,OLIGOCLEASE MICA SCHIST		
Well depth:	300	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	444209600
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:	1955-08-12	Ground water data end date:	1955-08-12
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1955-08-12	43.00	

D18
NNW
1/4 - 1/2 Mile
Higher

FED USGS USGS2168388

Agency cd:	USGS	Site no:	400203075140402
Site name:	PH 782		
Latitude:	400203		
Longitude:	0751404	Dec lat:	40.03427853
Dec lon:	-75.23406884	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	42
State:	42	County:	101
Country:	US	Land net:	Not Reported
Location map:	GERMANTOWN	Map scale:	24000
Altitude:	110.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19550907
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: WISSAHICKON FORMATION, OLIGOCENE MICA SCHIST
 Well depth: 208
 Source of depth data: 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: 1955-09-07
 Ground water data count: 1
 Hole depth: Not Reported
 Project number: 444209600
 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: 1955-09-07

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1955-09-07	47.00	

D19
 NNW
 1/4 - 1/2 Mile
 Higher

PA WELLS PA1000000034652

WELLID: 400203075140401 LOCALWELLN: PH 781
 COUNTY: PHILADELPHIA
 AAPG: 300WSCKO
 TOPOGRAPHY: HILLSIDE
 WELLDEPTH: 300
 ELEVATION: 110
 ELEVMETHOD: INTERPOLATED FROM TOPOGRAPHIC MAP
 ACCURACYOF: 10
 HYDROLOGIC: 02040203
 LATLONGACCURACY: ACCURATE TO +1 SECOND
 QUAD: GERMANTOWN
 TYPEOFSITE: WELL
 DATECREATE: Not Reported DATEUPDATE: Not Reported
 DATARELIABILITY: FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)
 SOURCE DEPTH DATA: OTHER/UNKNOWN/UNSPECIFIED
 MUNICIPALITY: PHILADELPHIA
 LATITUDEDD: 40.03417
 LONGITUDEDD: -75.23444
 DEPTHTOED: 0
 DATEDRILLE: Not Reported
 PAGWIS ID: 30312

Agency Use Section:

Agency Use of Site: OBSERVATION
 Agency Use Date: Not Reported

Construction Information:

Construction Date: 08/12/1955 00:00:00
 Driller: -221
 Source Cons Data: DRILLER'S RECORD
 Method Cons: CABLE TOOL
 Finish: OPEN HOLE

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Information:

Top Of Casing:	0	Casing Wall Thickness:	Not Reported
Bottom Of Casing:	34	Casing Diameter:	6
Casing:	STEEL		

Hole Information:

Top Of Hole:	0		
Bottom Of Hole:	300	Hole Diameter:	6

Geohydrologic Information:

A A P G:	300WSCKO		
Lithology:	SCHIST		
Contributing Unit:	PRIMARY		
Top Of Interval:	Not Reported	Bottom Of Interval:	Not Reported

Water Use Information:

Site Use:	DESTROYED
Water Use:	UNUSED

Owner Information:

Owner:	THE BORDMAN CO
Date Ownership:	08/12/1955 00:00:00

Other ID Information:

Other Identifier:	1	Other I D Assignor:	OWNER PA
-------------------	---	---------------------	----------

D20
NNW
1/4 - 1/2 Mile
Higher

PA WELLS

PA1000000034653

WELLID:	400203075140402	LOCALWELLN:	PH 782
COUNTY:	PHILADELPHIA		
AAPG:	300WSCKO		
TOPOGRAPHY:	HILLSIDE		
WELLDEPTH:	208		
ELEVATION:	110		
ELEVMETHOD:	INTERPOLATED FROM TOPOGRAPHIC MAP		
ACCURACYOF:	10		
HYDROLOGIC:	02040203		
LATLONGACCURACY:	ACCURATE TO +5 SECONDS		
QUAD:	GERMANTOWN		
TYPEOFSITE:	WELL		
DATECREATE:	Not Reported	DATEUPDATE:	Not Reported
DATARELIABILITY:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
SOURCE DEPTH DATA:	OTHER/UNKNOWN/UNSPECIFIED		
MUNICIPALITY:	PHILADELPHIA		
LATITUDEDD:	40.03417		
LONGITUDEDD:	-75.23444		
DEPTHTOBED:	0		
DATEDRILLE:	Not Reported		
PAGWIS ID:	30313		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency Use Section:

Agency Use of Site: OBSERVATION
Agency Use Date: Not Reported

Construction Information:

Construction Date: 09/07/1955 00:00:00
Driller: -221
Source Cons Data: DRILLER'S RECORD
Method Cons: CABLE TOOL
Finish: OPEN HOLE

Casing Information:

Top Of Casing: 0
Bottom Of Casing: 35
Casing: UNKNOWN
Casing Wall Thickness: Not Reported
Casing Diameter: 6

Hole Information:

Top Of Hole: 0
Bottom Of Hole: 208
Hole Diameter: 6

Geohydrologic Information:

A A P G: 300WSCKO
Lithology: SCHIST
Contributing Unit: PRIMARY
Top Of Interval: Not Reported
Bottom Of Interval: Not Reported

Water Use Information:

Site Use: DESTROYED
Water Use: UNUSED

Owner Information:

Owner: THE BORDMAN CO
Date Ownership: 09/07/1955 00:00:00

Other ID Information:

Other Identifier: 2
Other I D Assignor: OWNER PA

E21
SSW
1/4 - 1/2 Mile
Higher

PA WELLS

PA1000000033325

WELLID: Not Reported
COUNTY: MONTGOMERY
AAPG: 300WSCKO
TOPOGRAPHY: HILLSIDE
WELLDEPTH: 600
ELEVATION: 0
ELEVMETHOD: Not Reported
ACCURACYOF: Not Reported
HYDROLOGIC: 02040203
LATLONGACCURACY: ACCURATE TO +1 MINUTE
QUAD: GERMANTOWN
TYPEOFSITE: WELL
DATECREATE: Not Reported
DATEUPDATE: Not Reported
DATARELIABILITY: LOCATION MAY NOT BE ACCURATE (WWI paper)
SOURCE DEPTH DATA: DRILLER'S RECORD
MUNICIPALITY: LOWER MERION TWP.
LATITUDEDD: 40.02222
LONGITUDEDD: -75.23472

LOCALWELLN: 4497N

Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

DEPTH TO BED: 6
 DATE DRILLED: Not Reported
 PAGWIS ID: 164293

Construction Information:

Construction Date: 07/01/1990 00:00:00
 Driller: 248
 Source Cons Data: DRILLER'S RECORD
 Method Cons: Not Reported
 Finish: OPEN HOLE

Casing Information:

Top Of Casing:	0	Casing Wall Thickness:	Not Reported
Bottom Of Casing:	21	Casing Diameter:	6
Casing:	Not Reported		

Geohydrologic Information:

A A P G:	300WSCKO		
Lithology:	SCH		
Contributing Unit:	PRIMARY		
Top Of Interval:	Not Reported	Bottom Of Interval:	Not Reported

Water Use Information:

Site Use: WITHDRAWAL
 Water Use: IRRIGATION

Owner Information:

Owner: DOLENTE & SONS
 Date Ownership: Not Reported

E22
SSW
 1/4 - 1/2 Mile
 Higher

PA WELLS SPAW0119761

Well ID:	4497N	County:	MONTGOMERY
Owner's Name:	DOLENTE & SONS	Longitude:	751405
Latitude:	400120	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	GERMANTOWN	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	IRRIGATION	Finish:	OPEN HOLE
Well Depth:	600	Casing1 Diameter(inches):	6
Casing 1:	21	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	7-90
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	15	Yield Measurement Method:	E
Yield (gpm):	12	Test Time:	2
Drawdown:	Not Reported	Driller:	248
Bedrock:	6	Water Bearing Zone 2:	220
Water Bearing Zone 1:	60	Lithology:	SCHIST
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	LOWER MERION		
Aquifer:	OLIGOCLASE MICA SCHIST-WISSAHICKON FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

E23

SSW

1/4 - 1/2 Mile

Higher

PA WELLS

PA1000000033372

WELLID:	Not Reported	LOCALWELLN:	4508N
COUNTY:	MONTGOMERY		
AAPG:	300WSCKO		
TOPOGRAPHY:	HILLSIDE		
WELLDEPTH:	25		
ELEVATION:	0		
ELEVMETHOD:	Not Reported		
ACCURACYOF:	Not Reported		
HYDROLOGIC:	02040203		
LATLONGACCURACY:	ACCURATE TO +1 MINUTE		
QUAD:	GERMANTOWN		
TYPEOFSITE:	WELL		
DATECREATE:	Not Reported	DATEUPDATE:	Not Reported
DATE RELIABILITY:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
SOURCE DEPTH DATA:	DRILLER'S RECORD		
MUNICIPALITY:	LOWER MERION TWP.		
LATITUDEDD:	40.0225		
LONGITUDEDD:	-75.23556		
DEPTH TO BED:	0		
DATEDRILLE:	Not Reported		
PAGWIS ID:	164304		

Construction Information:

Construction Date:	03/01/1989 00:00:00
Driller:	512
Source Cons Data:	DRILLER'S RECORD
Method Cons:	Not Reported
Finish:	OPEN HOLE

Casing Information:

Top Of Casing:	0	Casing Wall Thickness:	Not Reported
Bottom Of Casing:	25	Casing Diameter:	6
Casing:	Not Reported		

Geohydrologic Information:

A A P G:	300WSCKO		
Lithology:	SCH		
Contributing Unit:	PRIMARY		
Top Of Interval:	Not Reported	Bottom Of Interval:	Not Reported

Water Use Information:

Site Use:	MINE
Water Use:	Not Reported

Owner Information:

Owner:	W N STEVENSON CO
Date Ownership:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

E24
SSW
1/4 - 1/2 Mile
Higher

PA WELLS SPAW0119772

Well ID:	4508N	County	MONTGOMERY
Owner's Name:	W N STEVENSON CO	Longitude:	751408
Latitude:	400121	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	GERMANTOWN	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	25	Casing1 Diameter(inches):	6
Casing 1:	25	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	3-89
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	6	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	512
Bedrock:	Not Reported	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	12	Lithology:	SCHIST
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	LOWER MERION		
Aquifer:	OLIGOCLASE MICA SCHIST-WISSAHICKON FORMATION		

E25
SSW
1/4 - 1/2 Mile
Higher

PA WELLS PA1000000033326

WELLID:	Not Reported	LOCALWELLN:	4507N
COUNTY:	MONTGOMERY		
AAPG:	300WSCKO		
TOPOGRAPHY:	HILLSIDE		
WELLDEPTH:	26		
ELEVATION:	0		
ELEVMETHOD:	Not Reported		
ACCURACYOF:	Not Reported		
HYDROLOGIC:	02040203		
LATLONGACCURACY:	ACCURATE TO +1 MINUTE		
QUAD:	GERMANTOWN		
TYPEOFSITE:	WELL		
DATECREATE:	Not Reported	DATEUPDATE:	Not Reported
DATARELIABILITY:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
SOURCE DEPTH DATA:	DRILLER'S RECORD		
MUNICIPALITY:	LOWER MERION TWP.		
LATITUDEDD:	40.02222		
LONGITUDEDD:	-75.23583		
DEPTHTOBED:	0		
DATEDRILLE:	Not Reported		
PAGWIS ID:	164303		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Information:

Construction Date: 03/01/1989 00:00:00
Driller: 512
Source Cons Data: DRILLER'S RECORD
Method Cons: Not Reported
Finish: OPEN HOLE

Casing Information:

Top Of Casing:	0	Casing Wall Thickness:	Not Reported
Bottom Of Casing:	26	Casing Diameter:	6
Casing:	Not Reported		

Geohydrologic Information:

A A P G:	300WSCKO		
Lithology:	SCH		
Contributing Unit:	PRIMARY		
Top Of Interval:	Not Reported	Bottom Of Interval:	Not Reported

Water Use Information:

Site Use: MINE
Water Use: Not Reported

Owner Information:

Owner: W N STEVENSON CO
Date Ownership: Not Reported

E26
SSW
1/4 - 1/2 Mile
Higher

PA WELLS SPAW0119771

Well ID:	4507N	County	MONTGOMERY
Owner's Name:	W N STEVENSON CO	Longitude:	751409
Latitude:	400120	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	GERMANTOWN	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	26	Casing1 Diameter(inches):	6
Casing 1:	26	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	3-89
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	2	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	512
Bedrock:	Not Reported	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	12	Lithology:	SCHIST
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	LOWER MERION		
Aquifer:	OLIGOCLASE MICA SCHIST-WISSAHICKON FORMATION		

F27
South
1/2 - 1 Mile
Higher

PA WELLS PA1000000033173

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

WELLID:	Not Reported	LOCALWELLN:	4531N
COUNTY:	MONTGOMERY		
AAPG:	300WSCKO		
TOPOGRAPHY:	HILLSIDE		
WELLDEPTH:	20		
ELEVATION:	0		
ELEVMETHOD:	Not Reported		
ACCURACYOF:	Not Reported		
HYDROLOGIC:	02040203		
LATLONGACCURACY:	ACCURATE TO +1 MINUTE		
QUAD:	GERMANTOWN		
TYPEOFSITE:	WELL		
DATECREATE:	Not Reported	DATEUPDATE:	Not Reported
DATA RELIABILITY:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
SOURCE DEPTH DATA:	DRILLER'S RECORD		
MUNICIPALITY:	LOWER MERION TWP.		
LATITUDEDD:	40.02111		
LONGITUDEDD:	-75.23278		
DEPTH TO BED:	10		
DATEDRILLE:	Not Reported		
PAGWIS ID:	164327		

Construction Information:

Construction Date:	05/01/1991 00:00:00
Driller:	1290
Source Cons Data:	DRILLER'S RECORD
Method Cons:	Not Reported
Finish:	OPEN HOLE

Casing Information:

Top Of Casing:	0	Casing Wall Thickness:	Not Reported
Bottom Of Casing:	5	Casing Diameter:	4
Casing:	Not Reported		

Geohydrologic Information:

A A P G:	300WSCKO		
Lithology:	O		
Contributing Unit:	PRIMARY		
Top Of Interval:	Not Reported	Bottom Of Interval:	Not Reported

Water Use Information:

Site Use:	MINE
Water Use:	Not Reported

Owner Information:

Owner:	AMOCO STATION
Date Ownership:	Not Reported

Remarks Information:

Remark:	ROCK TYPE: BEDROCK
Remark Date:	Not Reported

F28
South
1/2 - 1 Mile
Higher

PA WELLS SPAW0119795

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	4531N	County:	MONTGOMERY
Owner's Name:	AMOCO STATION	Longitude:	751358
Latitude:	400116	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	GERMANTOWN	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	20	Casing1 Diameter(inches):	4
Casing 1:	5	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	5-91
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	V
Yield (gpm):	Not Reported	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1290
Bedrock:	10	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	11	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE: BEDROCK
Municipality:	LOWER MERION		
Aquifer:	OLIGOCLASE MICA SCHIST-WISSAHICKON FORMATION		

G29
SSW
1/2 - 1 Mile
Higher

PA WELLS SPAW0119770

Well ID:	4506N	County:	MONTGOMERY
Owner's Name:	W N STEVENSON CO	Longitude:	751410
Latitude:	400119	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	GERMANTOWN	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	22	Casing1 Diameter(inches):	6
Casing 1:	22	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	3-89
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	E
Yield (gpm):	20	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	512
Bedrock:	Not Reported	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	12	Lithology:	SCHIST
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	LOWER MERION		
Aquifer:	OLIGOCLASE MICA SCHIST-WISSAHICKON FORMATION		

G30
SSW
1/2 - 1 Mile
Higher

PA WELLS PA1000000033283

WELLID:	Not Reported	LOCALWELLN:	4506N
COUNTY:	MONTGOMERY		
AAPG:	300WSCKO		
TOPOGRAPHY:	HILLSIDE		
WELLDEPTH:	22		
ELEVATION:	0		
ELEVMETHOD:	Not Reported		
ACCURACYOF:	Not Reported		
HYDROLOGIC:	02040203		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

LATLONGACCURACY: ACCURATE TO +1 MINUTE
QUAD: GERMANTOWN
TYPEOFSITE: WELL
DATECREATE: Not Reported DATEUPDATE: Not Reported
DATARELIABILITY: LOCATION MAY NOT BE ACCURATE (WWI paper)
SOURCE DEPTH DATA: DRILLER'S RECORD
MUNICIPALITY: LOWER MERION TWP.
LATITUDEDD: 40.02194
LONGITUDEDD: -75.23611
DEPTHTOBED: 0
DATEDRILLE: Not Reported
PAGWIS ID: 164302

Construction Information:

Construction Date: 03/01/1989 00:00:00
Driller: 512
Source Cons Data: DRILLER'S RECORD
Method Cons: Not Reported
Finish: OPEN HOLE

Casing Information:

Top Of Casing: 0 Casing Wall Thickness: Not Reported
Bottom Of Casing: 22 Casing Diameter: 6
Casing: Not Reported

Geohydrologic Information:

A A P G: 300WSCKO
Lithology: SCH
Contributing Unit: PRIMARY
Top Of Interval: Not Reported Bottom Of Interval: Not Reported

Water Use Information:

Site Use: MINE
Water Use: Not Reported

Owner Information:

Owner: W N STEVENSON CO
Date Ownership: Not Reported

F31
South
1/2 - 1 Mile
Higher

PA WELLS PA1000000033130

WELLID: Not Reported LOCALWELLN: 4533N
COUNTY: MONTGOMERY
AAPG: 300WSCKO
TOPOGRAPHY: HILLSIDE
WELLDEPTH: 26
ELEVATION: 0
ELEVMETHOD: Not Reported
ACCURACYOF: Not Reported
HYDROLOGIC: 02040203

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

LATLONGACCURACY: ACCURATE TO +1 MINUTE
QUAD: GERMANTOWN
TYPEOFSITE: WELL
DATECREATE: Not Reported DATEUPDATE: Not Reported
DATARELIABILITY: LOCATION MAY NOT BE ACCURATE (WWI paper)
SOURCE DEPTH DATA: DRILLER'S RECORD
MUNICIPALITY: LOWER MERION TWP.
LATITUDEDD: 40.02083
LONGITUDEDD: -75.23278
DEPTHTOBED: 12
DATEDRILLE: Not Reported
PAGWIS ID: 164329

Construction Information:

Construction Date: 05/01/1991 00:00:00
Driller: 1290
Source Cons Data: DRILLER'S RECORD
Method Cons: Not Reported
Finish: OPEN HOLE

Casing Information:

Top Of Casing: 0 Casing Wall Thickness: Not Reported
Bottom Of Casing: 6 Casing Diameter: 4
Casing: Not Reported

Geohydrologic Information:

A A P G: 300WSCKO
Lithology: O
Contributing Unit: PRIMARY
Top Of Interval: Not Reported Bottom Of Interval: Not Reported

Water Use Information:

Site Use: MINE
Water Use: Not Reported

Owner Information:

Owner: AMOCO STATION
Date Ownership: Not Reported

Remarks Information:

Remark: ROCK TYPE: BEDROCK
Remark Date: Not Reported

F32
South
1/2 - 1 Mile
Higher

PA WELLS SPAW0119797

Well ID:	4533N	County	MONTGOMERY
Owner's Name:	AMOCO STATION	Longitude:	751358
Latitude:	400115	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	GERMANTOWN	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	26	Casing1 Diameter(inches):	4
Casing 1:	6	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Not Reported	Date Drilled:	5-91
Static Water Level:	Not Reported	Production WL:	Not Reported
Yield (gpm):	Not Reported	Yield Measurement Method:	V
Drawdown:	Not Reported	Test Time:	Not Reported
Bedrock:	12	Driller:	1290
Water Bearing Zone 1:	15	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 3:	Not Reported	Lithology:	OTHER
Municipality:	LOWER MERION	Remark:	ROCK TYPE: BEDROCK
Aquifer:	OLIGOCLASE MICA SCHIST-WISSAHICKON FORMATION		

F33
SSW
1/2 - 1 Mile
Higher

PA WELLS PA1000000033131

WELLID:	Not Reported	LOCALWELLN:	4534N
COUNTY:	MONTGOMERY		
AAPG:	300WSCKO		
TOPOGRAPHY:	HILLSIDE		
WELLDEPTH:	21		
ELEVATION:	0		
ELEVMETHOD:	Not Reported		
ACCURACYOF:	Not Reported		
HYDROLOGIC:	02040203		
LATLONGACCURACY:	ACCURATE TO +1 MINUTE		
QUAD:	GERMANTOWN		
TYPEOFSITE:	WELL		
DATECREATE:	Not Reported	DATEUPDATE:	Not Reported
DATA RELIABILITY:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
SOURCE DEPTH DATA:	DRILLER'S RECORD		
MUNICIPALITY:	LOWER MERION TWP.		
LATITUDEDD:	40.02083		
LONGITUDEDD:	-75.23389		
DEPTH TO BED:	9		
DATEDRILLE:	Not Reported		
PAGWIS ID:	164330		

Construction Information:

Construction Date:	05/01/1991 00:00:00
Driller:	1290
Source Cons Data:	DRILLER'S RECORD
Method Cons:	Not Reported
Finish:	OPEN HOLE

Casing Information:

Top Of Casing:	0	Casing Wall Thickness:	Not Reported
Bottom Of Casing:	5	Casing Diameter:	4
Casing:	Not Reported		

Geohydrologic Information:

A A P G:	300WSCKO		
Lithology:	O		
Contributing Unit:	PRIMARY		
Top Of Interval:	Not Reported	Bottom Of Interval:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water Use Information:

Site Use: MINE
Water Use: Not Reported

Owner Information:

Owner: AMOCO STATION
Date Ownership: Not Reported

Remarks Information:

Remark: ROCK TYPE: BEDROCK
Remark Date: Not Reported

F34

SSW

1/2 - 1 Mile
Higher

PA WELLS SPAW0119798

Well ID:	4534N	County:	MONTGOMERY
Owner's Name:	AMOCO STATION	Longitude:	751402
Latitude:	400115	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	GERMANTOWN	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	21	Casing1 Diameter(inches):	4
Casing 1:	5	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	5-91
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	V
Yield (gpm):	Not Reported	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1290
Bedrock:	9	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	11	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE: BEDROCK
Municipality:	LOWER MERION		
Aquifer:	OLIGOCLEASE MICA SCHIST-WISSAHICKON FORMATION		

G35

SSW

1/2 - 1 Mile
Higher

PA WELLS PA1000000033174

WELLID:	Not Reported	LOCALWELLN:	X 0983
COUNTY:	MONTGOMERY		
AAPG:	300WSCKO		
TOPOGRAPHY:	Not Reported		
WELLDEPTH:	225		
ELEVATION:	0		
ELEVMETHOD:	Not Reported		
ACCURACYOF:	Not Reported		
HYDROLOGIC:	Not Reported		
LATLONGACCURACY:	ACCURATE TO +1 MINUTE		
QUAD:	GERMANTOWN		
TYPEOF SITE:	WELL		
DATECREATE:	Not Reported	DATEUPDATE:	Not Reported
DATE RELIABILITY:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
SOURCE DEPTH DATA:	DRILLER'S RECORD		
MUNICIPALITY:	LOWER MERION TWP.		
LATITUDEDD:	40.02111		
LONGITUDEDD:	-75.23611		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

DEPTHTO BED: 22
DATEDRILLE: Not Reported
PAGWIS ID: 164350

Construction Information:

Construction Date: 01/01/1975 00:00:00
Driller: 0514
Source Cons Data: DRILLER'S RECORD
Method Cons: Not Reported
Finish: OPEN HOLE

Casing Information:

Top Of Casing:	0	Casing Wall Thickness:	Not Reported
Bottom Of Casing:	30	Casing Diameter:	6
Casing:	Not Reported		

Geohydrologic Information:

A A P G:	300WSCKO		
Lithology:	O		
Contributing Unit:	PRIMARY		
Top Of Interval:	Not Reported	Bottom Of Interval:	Not Reported

Water Use Information:

Site Use: WITHDRAWAL
Water Use: INDUSTRIAL

Owner Information:

Owner: FALCONE ANTHONY
Date Ownership: Not Reported

G36
SSW
1/2 - 1 Mile
Higher

PA WELLS SPAW0119818

Well ID:	X 0983	County	MONTGOMERY
Owner's Name:	FALCONE ANTHONY	Longitude:	751410
Latitude:	400116	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	GERMANTOWN	Topographic Setting:	Not Reported
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	INDUSTRIAL	Finish:	OPEN HOLE
Well Depth:	225	Casing1 Diameter(inches):	6
Casing 1:	30	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	00-00-75
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	18	Yield Measurement Method:	5
Yield (gpm):	4	Test Time:	Not Reported
Drawdown:	207	Driller:	0514
Bedrock:	22	Water Bearing Zone 2:	120
Water Bearing Zone 1:	55	Lithology:	OTHER
Water Bearing Zone 3:	215	Remark:	1844
Municipality:	LOWER MERION		
Aquifer:	OLIGOCLASE MICA SCHIST-WISSAHICKON FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

H37
SSW
1/2 - 1 Mile
Higher

PA WELLS SPAW0119796

Well ID:	4532N	County	MONTGOMERY
Owner's Name:	AMOCO STATION	Longitude:	751410
Latitude:	400114	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	GERMANTOWN	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	11	Casing1 Diameter(inches):	4
Casing 1:	10	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	5-91
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	V
Yield (gpm):	Not Reported	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1290
Bedrock:	3	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	3	Lithology:	OTHER
Water Bearing Zone 2:	Not Reported	Remark:	ROCK TYPE: BEDROCK
Municipality:	LOWER MERION		
Aquifer:	OLIGOCLASE MICA SCHIST-WISSAHICKON FORMATION		

H38
SSW
1/2 - 1 Mile
Higher

PA WELLS PA1000000033087

WELLID:	Not Reported	LOCALWELLN:	4532N
COUNTY:	MONTGOMERY		
AAPG:	300WSCKO		
TOPOGRAPHY:	HILLSIDE		
WELLDEPTH:	11		
ELEVATION:	0		
ELEVMETHOD:	Not Reported		
ACCURACYOF:	Not Reported		
HYDROLOGIC:	02040203		
LATLONGACCURACY:	ACCURATE TO +1 MINUTE		
QUAD:	GERMANTOWN		
TYPEOFSITE:	WELL		
DATECREATE:	Not Reported	DATEUPDATE:	Not Reported
DATARELIABILITY:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
SOURCE DEPTH DATA:	DRILLER'S RECORD		
MUNICIPALITY:	LOWER MERION TWP.		
LATITUDEDD:	40.02056		
LONGITUDEDD:	-75.23611		
DEPTHTOBED:	3		
DATEDRILLE:	Not Reported		
PAGWIS ID:	164328		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Information:

Construction Date: 05/01/1991 00:00:00
Driller: 1290
Source Cons Data: DRILLER'S RECORD
Method Cons: Not Reported
Finish: OPEN HOLE

Casing Information:

Top Of Casing: 0
Bottom Of Casing: 10
Casing: Not Reported
Casing Wall Thickness: Not Reported
Casing Diameter: 4

Geohydrologic Information:

A A P G: 300WSCKO
Lithology: O
Contributing Unit: PRIMARY
Top Of Interval: Not Reported
Bottom Of Interval: Not Reported

Water Use Information:

Site Use: MINE
Water Use: Not Reported

Owner Information:

Owner: AMOCO STATION
Date Ownership: Not Reported

Remarks Information:

Remark: ROCK TYPE: BEDROCK
Remark Date: Not Reported

139

ENE

1/2 - 1 Mile

Higher

PA WELLS

PA1000000034318

WELLID: 400151075131201 LOCALWELLN: PH 546
COUNTY: PHILADELPHIA
AAPG: 300WSCKO
TOPOGRAPHY: HILLSIDE
WELLDEPTH: 255
ELEVATION: 270
ELEVMETHOD: INTERPOLATED FROM TOPOGRAPHIC MAP
ACCURACYOF: 10
HYDROLOGIC: 02040203
LATLONGACCURACY: ACCURATE TO +1 SECOND
QUAD: GERMANTOWN
TYPEOFSITE: WELL
DATECREATE: Not Reported DATEUPDATE: Not Reported
DATARELIABILITY: FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)
SOURCE DEPTH DATA: OTHER/UNKNOWN/UNSPECIFIED
MUNICIPALITY: PHILADELPHIA
LATITUDEDD: 40.03083
LONGITUDEDD: -75.22

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

DEPTH TO BED: 0
DATE DRILLED: Not Reported
PAGWIS ID: 30311

Agency Use Section:
Agency Use of Site: OBSERVATION
Agency Use Date: Not Reported

Construction Information:
Construction Date: 03/11/1937 00:00:00
Driller: 0249
Source Cons Data: DRILLER'S RECORD
Method Cons: CABLE TOOL
Finish: OPEN HOLE

Casing Information:
Top Of Casing: 0
Bottom Of Casing: Not Reported
Casing: UNKNOWN
Casing Wall Thickness: Not Reported
Casing Diameter: 8

Hole Information:
Top Of Hole: 0
Bottom Of Hole: 0
Hole Diameter: 8

Geohydrologic Information:
A A P G: 300WSCKO
Lithology: SCHIST
Contributing Unit: PRIMARY
Top Of Interval: Not Reported
Bottom Of Interval: Not Reported

Water Use Information:
Site Use: DESTROYED
Water Use: UNUSED

Owner Information:
Owner: ROXBOROUGH THEATER
Date Ownership: 03/11/1937 00:00:00

140
ENE
1/2 - 1 Mile
Higher

FED USGS USGS2168491

Agency cd:	USGS	Site no:	400151075131201
Site name:	PH 546		
Latitude:	400151		
Longitude:	0751312	Dec lat:	40.03094526
Dec lon:	-75.21962387	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	42
State:	42	County:	101
Country:	US	Land net:	Not Reported
Location map:	GERMANTOWN	Map scale:	24000
Altitude:	270.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19370311
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Information:

Top Of Casing:	0	Casing Wall Thickness:	Not Reported
Bottom Of Casing:	32	Casing Diameter:	6
Casing:	UNKNOWN		

Hole Information:

Top Of Hole:	0	Hole Diameter:	6
Bottom Of Hole:	114		

Geohydrologic Information:

A A P G:	300WSCKO		
Lithology:	SCHIST		
Contributing Unit:	PRIMARY		
Top Of Interval:	Not Reported	Bottom Of Interval:	Not Reported

Water Use Information:

Site Use:	UNUSED
Water Use:	UNUSED

Owner Information:

Owner:	FIBREFLEX PACKING &
Date Ownership:	02/09/1955 00:00:00

J42
NNW
1/2 - 1 Mile
Higher

FED USGS USGS2168437

Agency cd:	USGS	Site no:	400215075141802
Site name:	PH 733		
Latitude:	400215		
Longitude:	0751418	Dec lat:	40.03761179
Dec lon:	-75.2379578	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	42
State:	42	County:	101
Country:	US	Land net:	Not Reported
Location map:	GERMANTOWN	Map scale:	24000
Altitude:	210.00	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19550209
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:	WISSAHICKON FORMATION,OLIGOCLEASE MICA SCHIST		
Well depth:	114	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

K43
NE
1/2 - 1 Mile
Higher

FED USGS USGS2168397

Agency cd:	USGS	Site no:	400206075131001
Site name:	PH 545		
Latitude:	400206		
Longitude:	0751310	Dec lat:	40.03511183
Dec lon:	-75.21906818	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	42
State:	42	County:	101
Country:	US	Land net:	Not Reported
Location map:	GERMANTOWN	Map scale:	24000
Altitude:	286.00	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19441111
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:	WISSAHICKON FORMATION, OLIGOCENE MICA SCHIST		
Well depth:	245	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:	1954-12-01
Water quality data end date:	1954-12-01	Water quality data count:	1
Ground water data begin date:	1944-11-11	Ground water data end date:	1944-11-11
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1944-11-11	24.00	

K44
NE
1/2 - 1 Mile
Higher

PA WELLS PA1000000034747

WELLID:	400206075131001	LOCALWELLN:	PH 545
COUNTY:	PHILADELPHIA		
AAPG:	300WSCKO		
TOPOGRAPHY:	HILLSIDE		
WELLDEPTH:	245		
ELEVATION:	285		
ELEVMETHOD:	INTERPOLATED FROM TOPOGRAPHIC MAP		
ACCURACYOF:	5		
HYDROLOGIC:	02040203		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

LATLONGACCURACY: ACCURATE TO +1 SECOND
QUAD: GERMANTOWN
TYPEOF SITE: WELL
DATECREATE: Not Reported DATEUPDATE: Not Reported
DATA RELIABILITY: FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)
SOURCE DEPTH DATA: OTHER/UNKNOWN/UNSPECIFIED
MUNICIPALITY: PHILADELPHIA
LATITUDEDD: 40.035
LONGITUDEDD: -75.21944
DEPTH TO BED: 0
DATEDRILL: Not Reported
PAGWIS ID: 30553

Agency Use Section:

Agency Use of Site: OBSERVATION
Agency Use Date: Not Reported

Construction Information:

Construction Date: 11/11/1944 00:00:00
Driller: 0249
Source Cons Data: DRILLER'S RECORD
Method Cons: CABLE TOOL
Finish: OPEN HOLE

Casing Information:

Top Of Casing:	0	Casing Wall Thickness:	Not Reported
Bottom Of Casing:	50	Casing Diameter:	6
Casing:	UNKNOWN		

Top Of Casing:	0	Casing Wall Thickness:	Not Reported
Bottom Of Casing:	Not Reported	Casing Diameter:	10
Casing:	UNKNOWN		

Hole Information:

Top Of Hole:	0		
Bottom Of Hole:	245	Hole Diameter:	6

Geohydrologic Information:

A A P G:	300WSCKO		
Lithology:	SCHIST		
Contributing Unit:	PRIMARY		
Top Of Interval:	Not Reported	Bottom Of Interval:	Not Reported

Water Use Information:

Site Use: UNUSED
Water Use: UNUSED

Owner Information:

Owner:	HAMILTON DAIRIES INC
Date Ownership:	11/11/1944 00:00:00
Owner:	ENDRIKAT FRED
Date Ownership:	01/01/1960 00:00:00

J45
NNW
1/2 - 1 Mile
Higher

FED USGS USGS2168455

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	400217075142101
Site name:	PH 540		
Latitude:	400217		
Longitude:	0751421	Dec lat:	40.03816734
Dec lon:	-75.23879115	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	42
State:	42	County:	101
Country:	US	Land net:	Not Reported
Location map:	GERMANTOWN	Map scale:	24000
Altitude:	170	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19480329
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:	WISSAHICKON FORMATION,OLIGOCLASE MICA SCHIST		
Well depth:	127	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:	1965-07-29
Water quality data end date:	1980-09-22	Water quality data count:	2
Ground water data begin date:	1948-03-30	Ground water data end date:	1979-01-08
Ground water data count:	3		

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1979-01-08	25.28		1954-11-23	31.3	
1948-03-30	18				

J46
NNW
1/2 - 1 Mile
Higher

PA WELLS

PA1000000035151

WELLID:	400217075142101	LOCALWELLN:	PH 540
COUNTY:	PHILADELPHIA		
AAPG:	300WSCKO		
TOPOGRAPHY:	HILLSIDE		
WELLDEPTH:	127		
ELEVATION:	170		
ELEVMETHOD:	INTERPOLATED FROM TOPOGRAPHIC MAP		
ACCURACYOF:	10		
HYDROLOGIC:	02040203		
LATLONGACCURACY:	ACCURATE TO +1 SECOND		
QUAD:	GERMANTOWN		
TYPEOFSITE:	WELL		
DATECREATE:	Not Reported	DATEUPDATE:	Not Reported
DATARELIABILITY:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
SOURCE DEPTH DATA:	OTHER/UNKNOWN/UNSPECIFIED		
MUNICIPALITY:	PHILADELPHIA		
LATITUDEDD:	40.03806		
LONGITUDEDD:	-75.23917		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

DEPTHTO BED: 0
 DATED RILLE: Not Reported
 PAGWIS ID: 30554

Agency Use Section:
 Agency Use of Site: OBSERVATION
 Agency Use Date: Not Reported

Construction Information:
 Construction Date: 03/29/1948 00:00:00
 Driller: 0249
 Source Cons Data: DRILLER'S RECORD
 Method Cons: CABLE TOOL
 Finish: OPEN HOLE

Casing Information:
 Top Of Casing: 0 Casing Wall Thickness: Not Reported
 Bottom Of Casing: 31.5 Casing Diameter: 6
 Casing: UNKNOWN

Hole Information:
 Top Of Hole: 0
 Bottom Of Hole: 127 Hole Diameter: 6

Geohydrologic Information:
 A A P G: 300WSCKO
 Lithology: SCHIST
 Contributing Unit: PRIMARY
 Top Of Interval: Not Reported Bottom Of Interval: Not Reported

Water Use Information:
 Site Use: UNUSED
 Water Use: UNUSED

Owner Information:
 Owner: FIBREFLEX PACKING &
 Date Ownership: 03/29/1948 00:00:00

L47
 South
 1/2 - 1 Mile
 Higher

PA WELLS SPAW0119788

Well ID:	4524N	County:	MONTGOMERY
Owner's Name:	EXXON	Longitude:	751349
Latitude:	400059	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	GERMANTOWN	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	40	Casing1 Diameter(inches):	5
Casing 1:	35	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	9-91
Grouted:	Not Reported	Production WL:	35
Static Water Level:	40	Yield Measurement Method:	Not Reported
Yield (gpm):	6	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1960
Bedrock:	Not Reported	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	SANDSTONE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	LOWER MERION		
Aquifer:	OLIGOCLEASE MICA SCHIST-WISSAHICKON FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

L48
South
1/2 - 1 Mile
Higher

PA WELLS PA1000000032526

WELLID:	Not Reported	LOCALWELLN:	4524N
COUNTY:	MONTGOMERY		
AAPG:	300WSCKO		
TOPOGRAPHY:	HILLSIDE		
WELLDEPTH:	40		
ELEVATION:	0		
ELEVMETHOD:	Not Reported		
ACCURACYOF:	Not Reported		
HYDROLOGIC:	02040203		
LATLONGACCURACY:	ACCURATE TO +1 MINUTE		
QUAD:	GERMANTOWN		
TYPEOFSITE:	WELL		
DATECREATE:	Not Reported	DATEUPDATE:	Not Reported
DATARELIABILITY:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
SOURCE DEPTH DATA:	DRILLER'S RECORD		
MUNICIPALITY:	LOWER MERION TWP.		
LATITUDEDD:	40.01639		
LONGITUDEDD:	-75.23028		
DEPTHTOBED:	0		
DATEDRILLE:	Not Reported		
PAGWIS ID:	164320		

Construction Information:

Construction Date:	09/01/1991 00:00:00
Driller:	1960
Source Cons Data:	DRILLER'S RECORD
Method Cons:	Not Reported
Finish:	OPEN HOLE

Casing Information:

Top Of Casing:	0	Casing Wall Thickness:	Not Reported
Bottom Of Casing:	35	Casing Diameter:	5
Casing:	Not Reported		

Geohydrologic Information:

A A P G:	300WSCKO		
Lithology:	SS		
Contributing Unit:	PRIMARY		
Top Of Interval:	Not Reported	Bottom Of Interval:	Not Reported

Water Use Information:

Site Use:	MINE
Water Use:	Not Reported

Owner Information:

Owner:	EXXON
Date Ownership:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

M49
ESE
1/2 - 1 Mile
Higher

FED USGS USGS2168709

Agency cd:	USGS	Site no:	400119075130401
Site name:	PH 544		
Latitude:	400119		
Longitude:	0751304	Dec lat:	40.02205657
Dec lon:	-75.21740179	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	42
State:	42	County:	101
Country:	US	Land net:	Not Reported
Location map:	GERMANTOWN	Map scale:	24000
Altitude:	55.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19070101
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:	WISSAHICKON FORMATION,OLIGOCLASE MICA SCHIST		
Well depth:	384	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:	1907-01-01	Ground water data end date:	1907-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
------	-----------------------	---------------------

1907-01-01	8.00	
------------	------	--

M50
ESE
1/2 - 1 Mile
Higher

PA WELLS PA1000000033282

WELLID:	400119075130401	LOCALWELLN:	PH 544
COUNTY:	PHILADELPHIA		
AAPG:	300WSCKO		
TOPOGRAPHY:	VALLEY FLAT		
WELLDEPTH:	384		
ELEVATION:	60		
ELEVMETHOD:	INTERPOLATED FROM TOPOGRAPHIC MAP		
ACCURACYOF:	10		
HYDROLOGIC:	02040203		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

LATLONGACCURACY: ACCURATE TO +1 SECOND
QUAD: GERMANTOWN
TYPEOF SITE: WELL
DATECREATE: Not Reported DATEUPDATE: Not Reported
DATA RELIABILITY: FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)
SOURCE DEPTH DATA: OTHER/UNKNOWN/UNSPECIFIED
MUNICIPALITY: PHILADELPHIA
LATITUDEDD: 40.02194
LONGITUDEDD: -75.21778
DEPTH TO BED: 0
DATEDRILLE: Not Reported
PAGWIS ID: 30294

Agency Use Section:

Agency Use of Site: OBSERVATION
Agency Use Date: Not Reported

Construction Information:

Construction Date: 01/01/1907 00:00:00
Driller: -204
Source Cons Data: DRILLER'S RECORD
Method Cons: CABLE TOOL
Finish: OPEN HOLE

Casing Information:

Top Of Casing:	0	Casing Wall Thickness:	Not Reported
Bottom Of Casing:	5	Casing Diameter:	8
Casing:	UNKNOWN		

Hole Information:

Top Of Hole:	0		
Bottom Of Hole:	0	Hole Diameter:	8

Geohydrologic Information:

A A P G:	300WSCKO		
Lithology:	SCHIST		
Contributing Unit:	PRIMARY		
Top Of Interval:	Not Reported	Bottom Of Interval:	Not Reported

Water Use Information:

Site Use: DESTROYED
Water Use: UNUSED

Owner Information:

Owner: G J LITTLEWOOD & SON
Date Ownership: 01/01/1907 00:00:00

L51
South
1/2 - 1 Mile
Higher

PA WELLS PA1000000032493

WELLID:	Not Reported	LOCALWELLN:	4525N
COUNTY:	MONTGOMERY		
AAPG:	300WSCKO		
TOPOGRAPHY:	HILLSIDE		
WELLDEPTH:	40		
ELEVATION:	0		
ELEVMETHOD:	Not Reported		
ACCURACYOF:	Not Reported		
HYDROLOGIC:	02040203		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

LATLONGACCURACY: ACCURATE TO +1 MINUTE
QUAD: GERMANTOWN
TYPEOF SITE: WELL
DATECREATE: Not Reported DATEUPDATE: Not Reported
DATA RELIABILITY: LOCATION MAY NOT BE ACCURATE (WWI paper)
SOURCE DEPTH DATA: DRILLER'S RECORD
MUNICIPALITY: LOWER MERION TWP.
LATITUDE DD: 40.01611
LONGITUDE DD: -75.23
DEPTH TO BED: 0
DATE DRILLED: Not Reported
PAGWIS ID: 164321

Construction Information:

Construction Date: 09/01/1991 00:00:00
Driller: 188
Source Cons Data: DRILLER'S RECORD
Method Cons: Not Reported
Finish: OPEN HOLE

Casing Information:

Top Of Casing: 0 Casing Wall Thickness: Not Reported
Bottom Of Casing: 35 Casing Diameter: 5
Casing: Not Reported

Geohydrologic Information:

A A P G: 300WSCKO
Lithology: SS
Contributing Unit: PRIMARY
Top Of Interval: Not Reported Bottom Of Interval: Not Reported

Water Use Information:

Site Use: MINE
Water Use: Not Reported

Owner Information:

Owner: EXXON
Date Ownership: Not Reported

L52
South
1/2 - 1 Mile
Higher

PA WELLS SPAW0119789

Well ID:	4525N	County	MONTGOMERY
Owner's Name:	EXXON	Longitude:	751348
Latitude:	400058	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	GERMANTOWN	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	40	Casing1 Diameter(inches):	5
Casing 1:	35	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Not Reported	Date Drilled:	9-91
Static Water Level:	Not Reported	Production WL:	Not Reported
Yield (gpm):	Not Reported	Yield Measurement Method:	Not Reported
Drawdown:	Not Reported	Test Time:	Not Reported
Bedrock:	Not Reported	Driller:	188
Water Bearing Zone 1:	Not Reported	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 3:	Not Reported	Lithology:	SANDSTONE
Municipality:	LOWER MERION	Remark:	Not Reported
Aquifer:	OLIGOCLEASE MICA SCHIST-WISSAHICKON FORMATION		

N53
SSE
1/2 - 1 Mile
Higher

PA WELLS PA1000000032492

WELLID:	Not Reported	LOCALWELLN:	X 0996
COUNTY:	MONROE		
AAPG:	344HMLN		
TOPOGRAPHY:	Not Reported		
WELLDEPTH:	72		
ELEVATION:	0		
ELEVMETHOD:	Not Reported		
ACCURACYOF:	Not Reported		
HYDROLOGIC:	Not Reported		
LATLONGACCURACY:	ACCURATE TO +1 MINUTE		
QUAD:	EAST STROUDSBURG		
TYPEOFSITE:	WELL		
DATECREATE:	Not Reported	DATEUPDATE:	Not Reported
DATA RELIABILITY:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
SOURCE DEPTH DATA:	DRILLER'S RECORD		
MUNICIPALITY:	STROUD TWP.		
LATITUDEDD:	40.01611		
LONGITUDEDD:	-75.22778		
DEPTH TO BED:	15		
DATEDRILLE:	Not Reported		
PAGWIS ID:	206520		

Construction Information:

Construction Date:	01/01/1967 00:00:00
Driller:	1054
Source Cons Data:	DRILLER'S RECORD
Method Cons:	Not Reported
Finish:	OPEN HOLE

Casing Information:

Top Of Casing:	0	Casing Wall Thickness:	Not Reported
Bottom Of Casing:	15	Casing Diameter:	6
Casing:	Not Reported		

Geohydrologic Information:

AAPG:	344HMLN		
Lithology:	SH		
Contributing Unit:	PRIMARY		
Top Of Interval:	Not Reported	Bottom Of Interval:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

O57
NNE
1/2 - 1 Mile
Higher

Database EDR ID Number

FED USGS USGS2168316

Agency cd:	USGS	Site no:	400225075133001
Site name:	PH 816		
Latitude:	400225		
Longitude:	0751330	Dec lat:	40.04038949
Dec lon:	-75.22462383	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	42
State:	42	County:	101
Country:	US	Land net:	Not Reported
Location map:	GERMANTOWN	Map scale:	24000
Altitude:	300.00	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hilltop		
Site type:	Ground-water other than Spring	Date construction:	19550922
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:	WISSAHICKON FORMATION,OLIGOCENE MICA SCHIST		
Well depth:	308	Hole depth:	308
Source of depth data:	Not Reported	Project number:	444209600
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:	1955-09-22	Ground water data end date:	1955-09-22
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
------	-----------------------	---------------------

1955-09-22	25.00	
------------	-------	--

O58
NNE
1/2 - 1 Mile
Higher

PA WELLS PA1000000035436

WELLID:	400225075133001	LOCALWELLN:	PH 816
COUNTY:	PHILADELPHIA		
AAPG:	300WSCKO		
TOPOGRAPHY:	HILLTOP		
WELLDEPTH:	308		
ELEVATION:	300		
ELEVMETHOD:	INTERPOLATED FROM TOPOGRAPHIC MAP		
ACCURACYOF:	5		
HYDROLOGIC:	02040203		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

LATLONGACCURACY: ACCURATE TO +5 SECONDS
QUAD: GERMANTOWN
TYPEOFSITE: WELL
DATECREATE: Not Reported DATEUPDATE: Not Reported
DATA RELIABILITY: NOT FLD CHECKED, RPRTING AGENCY CONSIDERS IT OK (DEP WSM, WWI web)
SOURCE DEPTH DATA: OTHER/UNKNOWN/UNSPECIFIED
MUNICIPALITY: PHILADELPHIA
LATITUDEDD: 40.04028
LONGITUDEDD: -75.225
DEPTH TO BED: 0
DATEDRILLE: Not Reported
PAGWIS ID: 30363

Agency Use Section:
Agency Use of Site: OBSERVATION
Agency Use Date: Not Reported

Construction Information:
Construction Date: 09/22/1955 00:00:00
Driller: -221
Source Cons Data: DRILLER'S RECORD
Method Cons: CABLE TOOL
Finish: OPEN HOLE

Casing Information:
Top Of Casing: 0 Casing Wall Thickness: Not Reported
Bottom Of Casing: 50 Casing Diameter: 6
Casing: STEEL

Hole Information:
Top Of Hole: 0 Hole Diameter: 8
Bottom Of Hole: 49

Top Of Hole: 49 Hole Diameter: 6
Bottom Of Hole: 308

Geohydrologic Information:
A A P G: 300WSCKO
Lithology: SCHIST
Contributing Unit: PRIMARY
Top Of Interval: 47 Bottom Of Interval: Not Reported

Water Use Information:
Site Use: WITHDRAWAL
Water Use: Not Reported

Owner Information:
Owner: FAIRMOUNT FARM
Date Ownership: 09/22/1955 00:00:00

P59
SE
1/2 - 1 Mile
Higher

PA WELLS PA1000000032853

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

WELLID:	Not Reported	LOCALWELLN:	4485N
COUNTY:	MONTGOMERY		
AAPG:	400GRCG		
TOPOGRAPHY:	HILLSIDE		
WELLDEPTH:	93		
ELEVATION:	0		
ELEVMETHOD:	Not Reported		
ACCURACYOF:	Not Reported		
HYDROLOGIC:	02040203		
LATLONGACCURACY:	ACCURATE TO +1 MINUTE		
QUAD:	GERMANTOWN		
TYPEOFSITE:	WELL		
DATECREATE:	Not Reported	DATEUPDATE:	Not Reported
DATA RELIABILITY:	LOCATION MAY NOT BE ACCURATE (WWI paper)		
SOURCE DEPTH DATA:	DRILLER'S RECORD		
MUNICIPALITY:	LOWER MERION TWP.		
LATITUDEDD:	40.01889		
LONGITUDEDD:	-75.21722		
DEPTH TO BED:	15		
DATEDRILLE:	Not Reported		
PAGWIS ID:	164281		

Construction Information:

Construction Date:	02/01/1992 00:00:00
Driller:	1959
Source Cons Data:	DRILLER'S RECORD
Method Cons:	Not Reported
Finish:	OPEN HOLE

Casing Information:

Top Of Casing:	0	Casing Wall Thickness:	Not Reported
Bottom Of Casing:	21	Casing Diameter:	6
Casing:	Not Reported		

Geohydrologic Information:

A A P G:	400GRCG		
Lithology:	O		
Contributing Unit:	PRIMARY		
Top Of Interval:	Not Reported	Bottom Of Interval:	Not Reported

Water Use Information:

Site Use:	MINE
Water Use:	Not Reported

Owner Information:

Owner:	D BLACKMORE & ASSOC
Date Ownership:	Not Reported

Remarks Information:

Remark:	ROCK TYPE: SHIST
Remark Date:	Not Reported

P60
SE
1/2 - 1 Mile
Higher

PA WELLS SPAW0119749

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	4485N	County	MONTGOMERY
Owner's Name:	D BLACKMORE &	Longitude:	751302
Latitude:	400108	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	GERMANTOWN	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	93	Casing1 Diameter(inches):	6
Casing 1:	21	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	2-92
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	Not Reported
Yield (gpm):	Not Reported	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1959
Bedrock:	15	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE: SHIST
Municipality:	LOWER MERION		
Aquifer:	GRANITIC GNEISS, PRECAMBRIAN		

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
19127	219	.2	33.6	3.6

EPA Region 3 Statistical Summary Readings for Zip Code: 19127

Number of sites tested: 130.

Maximum Radon Level: 67.5 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
103 (79.23%)	22 (16.92%)	4 (3.08%)	0 (0.00%)	1 (0.77%)	0 (0.00%)

Federal EPA Radon Zone for PHILADELPHIA County: 3

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 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

Pennsylvania Public Water Supply Wells

Source: Pennsylvania Department of Environmental Resources Bureau of Water Supply

Telephone: 717-787-5017

Pennsylvania Groundwater Information System

Source: Department of Conservation and Natural Resources

Telephone: 717-783-7258

OTHER STATE DATABASE INFORMATION

RADON

State Database: PA Radon

Source: Department of Environmental Protection

Telephone: 717-783-3594

Radon Test Results Statistics by Zip Code

Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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

© 2006 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.