

**Phase I Environmental Site Assessment
And Hazardous Materials Inventory**

**McPherson Library
601 East Indiana Avenue
Philadelphia, PA 19134-3000**

August 2019

Project No. 11852.EH

EXISTING
3-STORY
CK & B
MOTEL

Civil

Water/Natural Resources

Geotechnical

Environmental

Construction Review

Coastal/Waterfront



DUFFIELD
ASSOCIATES
Soil, Water & the Environment

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SUMMARY

This report summarizes Duffield Associates, Inc.'s (Duffield's) Phase I Environmental Site Assessment (ESA) of the Property known as "McPherson Library" located at 601 East Indiana Avenue in the Kensington Neighborhood of Philadelphia, Pennsylvania (the "Property"). The Property is approximately 5.74 acres of land, developed with a single building and a playground. This Phase I ESA was performed as part of the due diligence required for funding related to the rehabilitation/redevelopment of the Property.

Review of historical documents, including aerial photographs and Sanborn Maps, indicate that the Property was first developed for residential purposes approximately 1805 and was used for that purpose until 1891 when the Property was sold to the City of Philadelphia for recreational purposes. The first home (Webster Mansion) was demolished in 1915 and the current library building was constructed in its place and opened on May 25, 1917. The Property has continued to be used as the McPherson Library since opening along with the later construction of a playground approximately 2013.

Duffield also prepared an inventory of universal hazardous waste (UHWs) survey for this Phase I ESA. The inventory is summarized in the enclosed Table 1. This assessment has revealed no recognized environmental conditions (RECs) in connection with the Property except for the following:

- Two upgradient sites were identified as having the potential to impact groundwater conditions at the Property and are considered RECs for the Property.

At the request of the User of this report, an asbestos survey and lead-based paint inspection were also performed as part of this Phase I ESA. Asbestos and lead-based paint do not meet the definition of hazardous substances under the All Appropriate Inquiry (AAI) practice. Accordingly, the presence of these substances is not considered a REC, but rather a potential business risk and are "non-scope considerations." The findings of the asbestos and lead-based assessments are summarized below:

- Asbestos is present in or on the building. A summary of asbestos-containing building materials is presented in Table 2.
- Lead-based paint and lead containing coatings are present in or on the building. A summary of lead-based paint coated materials is presented in Table 3.

Recommendations are provided in Section 7.E of this report.

1. INTRODUCTION

This report summarizes Duffield Associates, Inc.'s (Duffield's) Phase I Environmental Site Assessment (ESA) of the property identified as the McPherson Library located at 601 East Indiana Avenue in Philadelphia, Pennsylvania (the "Property"). This Phase I ESA was performed as part of the due diligence required for funding to support the rehabilitation/redevelopment of the Property.

The assessment was performed in general accordance with the practice outlined in ASTM International's "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessments Process" (ASTM E1527-13). The ASTM E1527-13 practice is recognized under the United States Environmental Protection Agency's (EPA) "Standards and Practices for All Appropriate Inquiries" (Code of Federal Regulations, Title 40, Part 312).

At the request of the User of this report, an inventory of universal hazardous wastes as defined under Title 40 of the Code of Federal Regulations (CFR) Part 273 (40 CFR 273) was also performed. Universal hazardous wastes include batteries, pesticides, mercury-containing equipment, and lamps. The inventory is summarized in Table 1, and discussed in Section 7.A. Findings and Opinions.

An asbestos survey and lead-based paint survey were also performed as part of this Phase I ESA. Asbestos and lead-based paint do not meet the definition of hazardous substances under the All Appropriate Inquiry (AAI) practice. Accordingly, the presence of these substances is not considered a REC, but rather a potential business risk and are discussed in Section 7.H Non-Scope Considerations.

A. LOCATION AND LEGAL DESCRIPTION

The Property is comprised of one tax parcel located between East Indiana Avenue, E Street, East Clearfield Street and F Street in Philadelphia, Pennsylvania (Figure 1). The City of Philadelphia government online database provides the following information:

- The address of the Property is: 601 East Indiana Avenue, Philadelphia, PA 19134
- The Owner of the parcel is the City of Philadelphia;
- The Office of Property Assessment (OPA) account number is 786225300;
- The land area is 5.74 acres; and
- The Property is zoned SP-PO-A (Recreation).

The tax information is provided in Appendix A.

B. PURPOSE

The purpose of this Phase I ESA was to identify recognized environmental conditions (RECs) at the Property. Within limitations, the term RECs means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

C. DETAILED SCOPE OF SERVICES

Duffield reviewed selected historical and regulatory information pertaining to the Property and nearby lands, and performed a walking visual reconnaissance in accordance with the scope of services described in Appendix B.

D. SIGNIFICANT ASSUMPTIONS

This report is based on Duffield's professional judgment of environmental conditions observed during our visual reconnaissance of the Property, our interpretation of the reviewed aerial photographs, historical documents, regulatory information, and information conveyed to us through interviews. Our ability to effectively identify and assess environmental conditions is based on assumptions that: the conditions of concern were visible; the documents reviewed provide a reasonable and accurate record of historic land use and practices; and the interviewees provided thoughtful and truthful responses to the questions posed and are familiar with past practices and occurrences at the Property.

E. LIMITATIONS AND EXPECTATIONS

While this evaluation was performed in an effort to generally characterize the environmental conditions of the Property, the observations, conclusions, and recommendations are based solely on conditions encountered at the time of the reconnaissance effort. Latent conditions and other contingencies bearing upon the environmental condition of the site may be evident in the future.

F. USER RELIANCE

This report has been prepared for the City of Philadelphia, the "Users" of this document. No other parties may rely upon the information contained in this report without the prior written consent of Duffield.

2. USER-PROVIDED INFORMATION

Mr. Daniel Harkins of the City of Philadelphia, Department of Public Property, representing the User and supporting preparation of this Phase I ESA, completed a User Questionnaire provided in Appendix C of this report. Responses to the questionnaire are summarized below.

A. DOCUMENTS

Duffield made a request for helpful documents to assist in the preparation of this environmental site assessment. No documents were provided by the User.

B. ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS (AULS)

The User is unaware of any environmental liens, engineering controls, land use restrictions, or institutional controls associated with the Property.

C. SPECIALIZED KNOWLEDGE

The User did not have any specialized knowledge of the Property or the surrounding properties.

D. COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

Mr. Harkins did not know the past uses nor is he aware of any spills or releases of chemicals at the Property.

E. VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

Mr. Harkins indicated that knowledge of purchase price of the Property is not applicable. The City of Philadelphia already owns the Property.

F. OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

- Owner: The City of Philadelphia
- Site Manager: Mr. Chris Creelman, Director of Special Projects, Department of Parks and Recreation represented on-site by Mr. Frank Faby.
- Site Occupant: McPherson Library as represented by the Branch Manager, Judi Moore.

G. REASON FOR PERFORMING PHASE I

The User of this report is performing the due diligence required for funding related to the redevelopment of the Property.

3. RECORDS REVIEW

A. PHYSICAL SETTING SOURCE

Based on Duffield's review of a United States Geological Survey (USGS) topographic map (Figure 1 – Site Location Map), the Property appears to be gently sloping to the southeast. The topographic map indicates that the ground surface elevation of the Property is approximately 30-50 feet above mean sea level (MSL). Based on the topography in this area, stormwater (overland flow) and groundwater would likely flow southeast towards the Delaware River, which is located approximately 1.25 miles southeast of the Property. Lands estimated to be upgradient or cross gradient of the Property are limited to potentially elevated areas to the north and northwest of the Property.

B. STANDARD ENVIRONMENTAL RECORD SOURCES

Our subcontractor (EDR, Inc.) obtained information from standard environmental records sources for sites identified within the ASTM E1527-13 search radii. EDR's

Radius Map Report presents a summary of environmental database search results. The Radius Map Report, dated June 6, 2019, is included in Appendix D.

The Radius Map Report’s search results were refined to listings of the Property, adjoining sites, and potentially “upgradient” sites within the search radii only. Table A (below) refines the Radius Map Report’s search results listings of the Property, adjoining sites and “upgradient” sites. Potentially “upgradient” sites are estimated based on the anticipated groundwater flow direction as described in Section 3.A (Physical Setting Source). Sites listed in this table could be potential RECs in connection with the Property.

Discussions of the sites, listed below in Table A, are provided in Section 7.A (Findings and Opinions).

**Table A: Refined Environmental Database Listings
(The Property, Potentially Upgradient Sites, and Adjoining Sites)**

Standard Regulatory Databases	Upgradient Minimum Search Distance (miles)	Site Name	Site Address
Federal NPL site list	1.0	None	-
Federal Delisted NPL site list	0.5	None	-
Federal CERCLIS list	0.5	None	-
Federal CERCLIS No Further Remedial Action Planned (currently known as SEMS-ARCHIVE)	0.5	None	-
Federal RCRA Corrective Action Report (CORRACTS)	1.0	None	-
Federal RCRA non-CORRACTS TSD	0.5	None	-
Federal RCRA generators list	Property/ Adjoining	None	-
Federal institutional control/engineering control	Property only	None	-
Federal Emergency Response Notification System list	Property only	None	-
SHWS - State NPL	1.0	None	-
State CERCLIS	0.5	None	-
State and tribal landfill and/or solid waste disposal sites	0.5	None	-
State and tribal leaking storage tank lists (LUST/LAST)	0.5	Elkin 526	D Street & Allegheny Avenue
		Intl. Hobby	413 E Allegheny Avenue
		William J Odriscoll Service Center	620 E Tioga Street
State and tribal registered storage tank lists	Property/ Adjoining	None	-
State and tribal institutional control/engineering control	Property only	None	-
State and tribal voluntary cleanup (VCP) sites	0.5	B & W Associates	449 E Tioga Street
State and tribal Brownfield sites	0.5	None	-

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

RCRA = Resource Conservation Recovery Act

TSD = Treatment, Storage, and Disposal

SHWS = State Hazardous Waste Sites

NPL = National Priority List

C. ADDITIONAL ENVIRONMENTAL RECORD SOURCES

Duffield searched additional environmental record sources including the Philadelphia GeoHistory Network, the Pennsylvania Activity and Use Limitation (PA AUL) Registry, the Pennsylvania Department of Environmental Protection (PADEP) eFACTS online database, and the United States Environmental Protection (USEPA) online database for additional information pertaining to the Property and sites listed in Table A above, if any.

1. PHILADELPHIA GEOHISTORY NETWORK

Duffield searched the Philadelphia GeoHistory Network, which provides historic mapping for the period of 1895 through 1962, for additional information pertaining to the Property, if any. Maps including Philadelphia Atlas Maps, Appraisal Maps, Land Use Maps, etc. from 1895, 1910, 1934, 1942, and 1962 were reviewed and are included in Appendix E.

Table B: Philadelphia GeoHistory Maps

Map Date	The Property	Adjoining Sites
1895	The Property is depicted as McPherson Square. There are no buildings depicted on the Property.	Adjoining sites appear to be depicted as residential buildings and stores.
1910	One building is depicted at the center of the Property and labeled "Free Library."	No significant changes are apparent.
1934, 1942, and 1962	No significant changes are apparent.	No significant changes are apparent.

2. PA AUL REGISTRY

Duffield searched the Pennsylvania Activity and Use Limitation (PA AUL) Registry for additional information pertaining to the Property and sites listed in Table A above, if any. No PA AULs were found for the Property or the sites listed in Table A. The AUL Registry Map is attached in Appendix F.

3. PADEP eFACTS WEBSITES

Duffield searched the Pennsylvania Department of Environmental Protection (PADEP) eFACTS online databases. The following documents regarding the Property and sites listed above in Table A were obtained:

- Elkin 526: eFACTS Facility Search Details;
- Intl. Hobby: eFACTS Facility Search Details;
- William J Odriscoll Service Center: eFACTS Facility & Tank Remediation Search Details;
- B & W Associates: eFACTS Facility & Land Recycling Information Search Details;

The above documents are provided in Appendix G.

4. USEPA ENVIROFACTS WEBSITE

Duffield searched the United States Environmental Protection Agency (USEPA) Envirofacts online database for additional information pertaining to the Property and sites listed in Table A above, if any. No documents regarding the Property and sites listed above in Table A were obtained.

5. ORPHAN SITES

Twelve orphan sites are listed in the EDR Radius Map Report (Appendix D). Orphan sites are those that could not be located on a map by EDR. Duffield located the five orphan sites. Based on the anticipated groundwater flow direction as described in Section 3.A (Physical Setting Source), these sites are not considered potentially “upgradient” and, therefore, were not included on Table A.

6. CITY OF PHILADELPHIA RECORDS

Duffield reviewed the City of Philadelphia online zoning archive database and Licenses and Inspections online permit database. No documents relevant to environmental conditions were identified.

7. FACILITY DOCUMENTS

Readily available online documents concerning the history of the library indicate that it first opened on July 5, 1898 in a building formerly known as the Webster Mansion. The Webster Mansion was constructed approximately 1805 and was used for residential purposes until 1891 when the home was sold to the City of Philadelphia for recreational purposes. Webster Mansion was demolished in 1915 and the current library building was constructed in its place and opened on May 25, 1917.

4. HISTORICAL USE INFORMATION

Duffield reviewed historical aerial photographs and Sanborn fire insurance maps collected by EDR. The historical use information, summarized below, was reviewed for past usage of the Property and surrounding areas that may affect environmental conditions.

A. HISTORICAL AERIAL PHOTOGRAPHS

Duffield reviewed historical aerial photographs provided by EDR from the years 1940, 1944, 1950, 1954, 1962, 1965, 1971, 1975, 1981, 1988, 1991, 1993, 1999, 2006, 2010, 2013, and 2017. The following table summarizes pertinent information from the review of the historical aerial photographs, which have been included in Appendix H.

Table C: Historical Aerial Photograph Summary

Aerial Photograph Date	The Property	Adjoining Sites
1940	A building appears to be present at the center of the Property. The Property area around the building appears to be concrete walk paths and grass.	Adjoining sites in all directions appear to be developed for commercial or residential use.
1944	No significant changes are apparent.	No significant changes are apparent.
1950	The Property area surrounding the building appears to contain trees mixed into the grass-covered area.	No significant changes are apparent.
1954, 1962, 1965, 1971, 1975, 1981, 1988, 1991	No significant changes are apparent.	No significant changes are apparent.
1993	Poor image resolution.	Poor image resolution.
1999, 2006, 2010	No significant changes are apparent.	No significant changes are apparent.
2013	There appears to be a playground to the west of the building at the center of the Property.	No significant changes are apparent.
2017	No significant changes are apparent.	No significant changes are apparent.

B. HISTORICAL FIRE INSURANCE MAPS

Duffield reviewed historical Sanborn Fire Insurance Maps (Sanborn Maps) for the Property provided by EDR for the years 1919, 1951, 1975, 1980, 1989, 2000, 2002, 2004, and 2006. The following table summarizes information from the review of the Sanborn Maps, which have been included in Appendix I.

Table D: Historical Fire Insurance Map Summary

Sanborn Map Date	The Property	Adjoining Sites
1919	The Property is labeled as "McPherson Square (Public Park)." A building is depicted at the center of the Property and labeled "Public Library."	Adjoining sites are depicted as residential, commercial and religious buildings.
1951, 1975, 1980, 1989, 2000, 2002, 2004, 2006	No significant changes are apparent.	No significant changes are apparent.

5. SITE RECONNAISSANCE

A site reconnaissance of the Property was performed on July 12, 2019. The walking reconnaissance consisted of a visual review of present site conditions for indications of RECs. During the reconnaissance, Duffield personnel, Mr. Matthew Staunton met with Judi Moore, Branch Manager for McPherson Library.

A. METHODOLOGY AND LIMITING CONDITIONS

No limiting conditions were encountered during the walking reconnaissance of the Property.

B. SITE SETTING

1. CURRENT USE OF THE PROPERTY

The Property consists of one, one-story brick building containing a basement that is currently used as a library. The Property also contains a playground.

2. DESCRIPTIONS OF STRUCTURES, ROADS, AND OTHER IMPROVEMENTS ON THE PROPERTY

The Property is located in Philadelphia, Pennsylvania on the city block bound between E Street to the west, East Indiana Avenue to the south, F Street to the east, and East Clearfield Street to the north. Concrete paths with bench areas are present on the Property as well. The Property is currently utilized by McPherson Library (Photograph 1).

3. CURRENT USES OF ADJOINING SITES

Adjoining sites to the north, south, east, and west of the Property were used for residential and commercial purposes.

- **North:** The adjoining sites the west are residential row homes (Photograph 2).
- **East:** The adjoining sites the west are residential row homes (Photograph 3).
- **West:** The adjoining sites the west are residential row homes (Photograph 4).
- **Southeast:** The adjoining sites to the southeast are restaurants and commercial businesses (Photograph 5).
- **South:** The adjoining sites the west are residential row homes (Photograph 6).

C. EXTERIOR OBSERVATIONS

One playground was observed on the western side of the Property (Photograph 7). An electrical transformer was observed on the southwesterly side of the building. No labels concerning the presence of absence of PBCBs were observed on the transformer.

D. INTERIOR OBSERVATIONS

The Property consists of a one-story building with a basement that is used as a public library. The first floor of the library consists of a main library area, (Photograph 8), an employee computer area, and a restroom. Observed spaces in the basement of the building included offices, bathrooms, classrooms, storage room, and a boiler room (Photograph 9). The storage room and boiler of the basement contains maintenance supplies and landscaping equipment, including snow blowers and lawn movers (Photograph 10), miscellaneous cleaning supplies and paint cans (photograph 11), and two half-full containers of gasoline (Photograph 12). No indications of spills or leaks associated with the observed chemicals were apparent. Standing water, apparently due to an overnight rainstorm, was also observed in the basement (Photograph 13 and Photograph 14).

E. OBSERVATION SUMMARY [EXTERIOR AND INTERIOR]

Storage Tanks: No storage tanks were observed during the site reconnaissance.

Odors: No strong, pungent, or noxious odors were observed during the site reconnaissance.

Pools of Liquid: Except for the boiler room, shallow pools of standing water were observed throughout the building's basement during the site reconnaissance. The water was attributed to a recent rainfall. No apparent indications of intrusion of groundwater or seeps were observed.

Drums/Hazardous Substances or Petroleum Products Containers: Containers holding gasoline (1.5-gallon and one-gallon, each) were observed in the basement of the building. The containers were stored properly and did not appear to have leaked.

Certain emergency lights on the Property contain lead acid batteries. Approximately sixteen emergency lights containing lead-acid batteries were observed in the buildings. In addition, approximately 213 fluorescent light bulbs were observed throughout the building. These bulbs typically contain trace amounts of mercury, and must be handled appropriately as per the Universal Waste regulations (40 CFR 273) if these materials will be disposed

PCBs: Potential PCB-containing electrical equipment may include lamp ballasts and transformers. According to the EPA, typically lamp ballasts manufactured prior to 1979 have a greater than 50% chance of containing regulated levels of PCBs. Regulations required that ballasts manufactured between July 1978 and July 1998 be marked "No PCBs" by the manufacture. No labels or dates were observed on light ballasts during the

site reconnaissance. Accordingly, there is the potential for PCB-containing ballasts at the Property.

Similar to lamp ballasts, dielectric oils in transformers have the potential to contain PCBs. While the manufacture of PCBs in the United States was banned in 1979, older transformers have the potential to contain PCB-oils. Transformers were observed on the Property. The transformers were not labeled to indicate the absence or presence of PCBs. Accordingly, the electrical transformers may contain PCB-oils.

Heating or Cooling: One natural gas-fired boiler was observed in the library. The cooling system for the library is central air. One unused air conditioning unit was observed with 5.64 ounces of R22 Refrigerant. The water fountains were labeled as containing refrigerant type 134A.

Stains or Corrosion: No apparent petroleum-like staining was observed.

Drains or sumps: Floor drains were located in the bathrooms of the building and in the boiler room.

Pits, Ponds, or Lagoon: No pits, ponds or lagoons were observed on the Property.

Stained Soils or Pavement: No stained soils or pavement (exterior) was observed during the site reconnaissance.

Stressed Vegetation: No stressed vegetation was observed during the site reconnaissance.

Solid Waste: No solid waste was observed in the building or on the Property.

Wastewater: No on-site discharges were observed, such as ditches, underground injection systems or on-site or adjacent streams.

On-site Wells: No potable, monitoring, or observation wells were observed at the Property.

Septic Systems: No septic systems were identified at the Property.

Oil/Water Separators: No oil/water separators were observed at the Property.

6. INTERVIEWS

A. INTERVIEW WITH OWNER/ SITE MANAGER REPRESENTATIVE

Mr. John Mellet, Philadelphia Free Public Library D&C Project Manager

Duffield personnel interviewed Mr. John Mellet, Philadelphia Free Public Library D&C Project Manager, via telephone on July 11, 2019. Mr. Mellet indicated that he represents the owner and is the site manager. Mr. Mellet indicated that the building on the Property was constructed in 1917 and has been used as a library since. He was unaware of the

Properties use prior to that use. Mr. Mellet stated that that the Property is connected to public sewer and water. Duffield inquired about current or past USTs and/or aboveground storage tanks (ASTs) on the Property. Mr. Mellet was not aware of any past or present USTs or ASTs at the Property. Mr. Mellet was unaware of any environmental concerns associated with the Property and did not have any environmental documents to provide for Duffield's review.

B. INTERVIEW WITH OCCUPANT REPRESENTATIVE

Ms. Judy Moore, Branch Manager for the McPherson Library

Mr. Staunton interviewed Ms. Judi Moore, Branch Manager for McPherson Library, on July 12, 2019 during the site reconnaissance. Ms. Moore indicated that has been associated with the McPherson Library for approximately 30 years. According to Ms. Moore, the Property has always been used as a library. Duffield inquired about current or past above or underground storage tanks on the Property. Ms. Moore did not have any knowledge of past or present storage tanks nor was she aware of any environmental concerns associated with the Property.

C. INTERVIEW WITH GOVERNMENT OFFICIAL

Duffield's personnel, Mr. Daniel Hartman, interviewed Ms. Quadira Glover of the PADEP Southeast Regional Office on July 11, 2019. Ms. Glover indicated that the PADEP had no records on the Property.

D. INTERVIEW WITH PAST OWNERS, OPERATORS AND OCCUPANTS

Duffield was unable to obtain interviews with past owners, operators, and occupants.

7. EVALUATION

A Duffield environmental professional has evaluated the data used to support the preparation of this Phase I ESA report. The environmental professional's qualifications and those of the environmental technician are presented in Appendix K.

A. FINDINGS AND OPINIONS

Duffield reviewed the gathered information to identify RECs. According to ASTM E1527-13, the term REC means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. RECs do not include *de minimis* conditions that generally do not present a threat to human health or the environment and generally would not be the subject of an enforcement action if brought to the attention of regulatory agencies.

Findings of interest for this Phase I ESA and associated opinions are as follows:

- **The Property, McPherson Library, 601 East Indiana Avenue**

Chemicals and Supplies. During the site reconnaissance, a variety of chemicals including cleaning supplies, paint, and other miscellaneous materials were observed throughout the building. The observed products and materials appeared to be stored in closed/sealed containers and packaged in *de minimis* quantities (i.e., less than 5 gallons or 20 pounds each). No stains, leaks or damages to packaging were observed. Based on the *de minimis* quantity of the containers and relatively good condition of the packaging, the products are not considered RECs of the Property.

Hazardous Materials Survey. Duffield completed a hazardous materials survey of the building on July 12, 2019. The survey included an assessment of the presence of asbestos, lead, and miscellaneous hazardous materials. As noted earlier, asbestos and lead-based paint are considered Non-Scope Considerations and are discussed further in Section 7.H. Regarding miscellaneous hazardous substances (e.g., mercury-containing equipment, Freon units, batteries, polychlorinated biphenyl (PCB) containing equipment, and flammable or combustible liquids), Duffield prepared an inventory of hazardous materials (see Table 1). No sampling or analysis was performed to confirm the presence of hazardous substances, where applicable, these materials were assumed to be hazardous.

As per the Federal regulation (40CFR273), Universal Hazardous Wastes (UHWs) consist of four categories: batteries, pesticides, mercury-containing equipment, and lamps. The universal waste regulations require that the materials be managed in a way to prevent releases to the environment and tailors those requirements to each type of universal waste. Recommendations for handling these materials is presented in Table 1. No indication of a release of hazardous substances from these materials was observed. The presence of certain UHWs at the Property is not considered a REC.

Urban Land. Urban land in Philadelphia is often environmentally impacted by imported fill material containing hazardous substances, in particular lead, arsenic, and polynuclear aromatic hydrocarbons (PAHs). In our experience, regulatory agencies do not intentionally pursue cleanup of this common and widespread condition. However, if soils from the site were to be removed, it is likely that the soil would not be considered “clean” and should be managed in accordance with applicable PADEP requirements (e.g., PADEP, 2010. Management of Fill Policy). It is Duffield’s opinion that the potential presence of historic fill at the Property is not considered a REC, but rather a *de minimis* condition and a potential business risk.

- **Elkin 526, D Street & Allegheny Ave**

Relative Location: The site is located approximately 800 feet northwest of the Property.

Pennsylvania Unregulated Leaking Tanks (UNREG LTANKS) List. The Radius Map Report (Appendix D) lists the site as on the UNREG LTANKS list. According to the Radius Map Report, the contaminant is listed as BTEX (benzene,

toluene, ethylbenzene, xylene) and the class is listed as “Cleanup of Tanks Using Authorities Other Than Act 32.” This classification indicates that the release was from an unregulated storage tank and PADEP requirements for registration and reporting were not required. The PA eFACTS website lists the site with three USTs, two were closed and one is listed as “exempt from state.” The site is also listed as inactive. No indication of a release at this site is apparent in our review of the eFACTS database (Appendix G). Because the site of the release is located upgradient of the Property and due to the lack of information concerning the response/cleanup of the reported release, it is our opinion that the site potentially poses a threat to the Property; and therefore is considered a REC.

- **Intl. Hobby, 413 E Allegheny Ave**

Relative Location: The site is located approximately 1,250 feet northwest of the Property.

Pennsylvania Unregulated Leaking Tanks (UNREG LTANKS) List. The Radius Map Report (Appendix D) lists the site as on the UNREG LTANKS list. According to the Radius Map Report, the contaminant is listed as BTEX (benzene, toluene, ethylbenzene, xylene) and the class is listed as “Cleanup of Tanks Using Authorities Other Than Act 32.” This classification indicates that the release was from an unregulated storage tank and PADEP registration and reporting were not required. The Radius Map Report lists this incident as closed February 18, 1998. Review of PADEP’s eFACTS lists the closure of an 8,000-gallon UST on December 14, 1993 with a status code of “W” which also indicates that the UST is closed. No information concerning a release to the environment from this or other tanks is listed on PADEP’s databases. Because the site of the release is located upgradient of the Property and due to the lack of information concerning the response/cleanup of the reported release, it is our opinion that the site potentially poses a threat to the Property and therefore, is considered a REC.

- **William J Odriscoll Service Center, 620 E Tioga Street**

Relative Location: The site is located approximately 2,300 feet north of the Property.

Pennsylvania Leaking Underground Storage Tank (LUST) List. The Radius Map Report (Appendix D) lists the site as on the PA LUST list. According to the Radius Map Report, a release of gasoline to soil from a UST was confirmed on June 9, 1999 and the facility status is listed Interim or Remedial Action Initiated. The PADEP eFACTS website lists the site with two, 1,060-gallon gasoline tanks that were removed May 27, 1999. (Appendix G). Because the tanks were removed and the reported release was limited to soil, along with the relative distance of this site to the Property, it is Duffield’s opinion that this site likely does not pose a threat to the Property and is not a REC.

- **B & W Associates, 449 E Tioga Street**

Relative Location: The site is located approximately 2,400 feet north of the Property.

Pennsylvania Voluntary Cleanup Program (PA VCP) List. The Radius Map Report (Appendix D) lists the site as in the PA VCP. According to the Radius Map Report, groundwater at the site was impacted with chlorinated solvents. According to the PADEP eFACTS website (Appendix G), a Notice of Intent to Remediate (NIR) was received by the PADEP on October 5, 1999. A non-use aquifer request was presented to the PADEP and approval was granted for the non-use aquifer status on December 26, 2001. Eight consecutive quarters of groundwater monitoring have been completed with no regulated substances exceeding the statewide health standards non-residential, non-use aquifer medium-specific concentrations. Based on this information, it is our opinion that this site likely does not pose a threat to the Property and is not a REC.

B. VAPOR MIGRATION

The findings presented in this report were reviewed for indications of the potential for contaminant vapors to migrate onto the Property as a result of contaminated soil or groundwater on or near the Property. Two sites were identified as RECs with respect to releases of petroleum, Elkin 526 and Intl Natl Hobby.

While vapor migration from these sites is possible, the distance of these sites to the Property exceeds the proximity distances published by PADEP in the “*Land Recycling Program Technical Guidance Manual for Vapor Intrusion into Buildings from Groundwater and Soil under Act 2,*” (Document No. 261-0300-101, January 18, 2017). For petroleum hydrocarbons the proximity distance is 30 feet and non-petroleum substances the distance is 100 feet. The sites listed above are over 800 feet away; it is Duffield’s opinion that it is unlikely that a vapor migration from this site poses a risk to the Property.

C. SIGNIFICANT DATA GAP REVIEW

A significant data gap is an absence of information that affects the ability of the environmental professional to identify RECs. As part of the ASTM E1527-13 standard (ASTM Section 12.7), the environmental professional identifies and comments on significant data gaps, if any, and identifies the sources of information consulted to address the data gaps. In addition, because the ASTM standard (Section 8.2.2) specifically requires an opinion, attention was made to the sufficiency of the regulatory agency file and records review. Duffield’s opinion regarding the completeness of the provided information is presented below.

Adequacy of Regulatory Agency File and Records Obtained. If the Property or adjoining properties are identified on one or more of the “standard environmental record sources” referenced in Section 3.B (Standard Environmental Record Sources), the ASTM E1527-13 method (Section 8.2.2) requires an opinion from the Environmental Professional regarding whether a “regulatory file review” is warranted. The “regulatory file review” conventionally refers to a visit to the Federal or State environmental regulatory agency’s file room. The ASTM method recognizes that performance of a regulatory file review is not always practical for reasons, which include, but are not limited to, the following:

1. Identification of the Property or adjoining property through the standard environmental record sources is not accurate (e.g., the record provided an inaccurate address).
2. Information is not obtainable within 20 calendar days of a request.
3. The information can be obtained from alternative sources (e.g., on-site records, User-provided records, website databases, and interviews).

For this assessment, the Property was identified on one or more of standard environmental record sources as identified in the ASTM E1527-13 method. In accordance with the ASTM standard, Duffield contacted PADEP as well as submitted a request to review files. PADEP responded that no files were available for the Property. Duffield also reviewed the eFACTS database for pertinent regulatory files and/or records associated with adjoining sites. Reviewed documents are listed in Section 3.C (Additional Environmental Record Sources). Based on our experience, and in our opinion, additional regulatory file review would not likely change the conclusions of this report.

Significant Data Gaps. Duffield was unable to obtain interviews with past owners, operators, and occupants. As the Property has been owned and occupied by the same entity since 1891; this condition is not considered a significant data gap and did not affect Duffield's ability to assess the presence of RECs at the Property. Accordingly, no significant data gaps were identified during completion of this Phase I ESA.

D. CONCLUSIONS

1. RECOGNIZED ENVIRONMENTAL CONDITIONS

Duffield has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 of the Property located at 601 East Indiana Avenue in the Kensington Neighborhood of Philadelphia, Pennsylvania. Any exceptions to, or deletions from, this practice are described in Section 5.A (Methodology and Limiting Conditions) of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the Property except for the following:

- Two upgradient sites were identified as having the potential to impact soil conditions at the Property and are considered RECs for the Property.

2. CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITIONS (CRECS)

A Controlled Recognized Environmental Condition is a recognized environmental condition that is being appropriately characterized and remediated in accord with, and under the supervision of, authorized governmental agency charged with oversight of such recognized environmental condition. This assessment has not revealed evidence of controlled recognized environmental conditions connected with the Property.

3. HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS (HRECS)

A historical Recognized Environmental Condition, as defined in the ASTM Standard, is an environmental condition that in the past would have been identified as a REC, but has been adequately addressed and therefore no longer represents a REC. Duffield has not identified any historical RECs in association with the Property.

E. RECOMMENDATIONS

- Groundwater is not a source of potable water at the site and no surface water features are present at the Property. No action is recommended with respect to the potential for groundwater at the Property to be impacted by off-site sources.
- Recommendations for the reuse (recycle) or disposal of materials identified as universal hazardous wastes are provided in Table 1.
- Identified asbestos-containing materials (ACMs) must be removed prior to demolition/renovations of the building. A summary of ACMs is provided in Table 2 and Synertech's Asbestos Inspection Report is provided in Appendix K.
- Lead-based paint (LBP) and lead-containing coatings (LCC) were identified on plaster walls and ceilings, brick walls, pipes, door frames, doors, columns, and moldings throughout the building. Lead content was compared to certain thresholds established by HUD, EPA, and OSHA in Table 2. Recommendations for the renovation/demolition of LBP and LCC are provided in Appendix K.

F. EXCEPTIONS OR DELETIONS

No exceptions or deletions from the standard Phase I ESA portions of the proposed scope of services are noted.

G. STATEMENT OF ENVIRONMENTAL PROFESSIONAL

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of the United States Environmental Protection Agency's "Standards and Practices for All Appropriate Inquiries" Code of Federal Regulations, Title 40, Part 312 (40 CFR Part 312). I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all-appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Jennifer L. Gresh, P.G.
Environmental Professional

H. NON-SCOPE CONSIDERATIONS

An asbestos survey and lead-based paint survey were also performed as part of this Phase I ESA. Asbestos and lead-based paint do not meet the definition of hazardous substances under the All Appropriate Inquiry (AAI) practice. Accordingly, the presence of these substances is not considered a REC, but rather a potential business risk and are discussed below.

1. ASBESTOS SURVEY

Duffield's subcontractor, Synertech, Inc. conducted an asbestos survey on July 24, 2019. Synertech provided a licensed Philadelphia Asbestos Investigator performed the asbestos survey and bulk sampling tasks.

The asbestos survey followed the guidelines outlined in 40 CFR Part 763 (Asbestos Hazard Emergency Response Act) and 29 CFR Part 1926.1101 (OSHA Occupational Exposure to Asbestos, Final Rule). Suspect asbestos-containing materials (ACMs) were sampled and analyzed for asbestos content via Polarized Light Microscopy (PLM), method EPA 600/R0-93/116, the standard method of analysis for determining asbestos content in building materials. Synertech's report is provided in Appendix K.

ACM was identified during the survey. A summary of identified ACM's is presented in Table 2 and Synertech's Asbestos Inspection Report provided in their report (Appendix K). Asbestos-containing materials included pipe insulation, boiler breeching/chimney connection point, and floor tile and associated mastics. Materials assumed to be asbestos-containing included: roofing materials, fire doors, and wire insulation. Synertech note that no destructive demolition to walls and ceilings was performed to expose concealed ACMs; therefore, additional quantities of ACMs must be assumed to be present inside of wall and ceiling cavities/penetrations.

Synertech recommends the removal of asbestos-containing materials prior to conducting renovations or demolition as per local and Federal regulations.

2. LEAD-BASED PAINT SURVEY

Duffield's subcontractor, Synertech, Inc. conducted a lead-based paint survey (LBP) on July 24, 2019. A licensed Lead Inspector/Risk Assessor performed the LBP inspection using an X-Ray Fluorescence Spectrum Analyzer (XRF). Synertech's report is provided in Appendix K.

LBP and Lead Containing Coatings (LCC) were identified throughout the building. A summary of identified LBP and LCC as compared to several threshold values is presented in Table 3. The threshold values are as follows:

- The City of Philadelphia, Department of Health defines LBP as equal to or greater than 0.70 mg/cm² via XRF.

- The Federal Department of Housing & Urban Development (HUD) and Environmental Protection Agency (EPA) defines LBP as equal to or greater than 1.00 mg/cm² lead via XRF.
- The OSHA definition correlates to a presence or absence of lead content in paints and coatings. OSHA considers results greater than 0.00 mg/cm² lead via XRF a Lead Containing Coating (LCC) and >0.01% by weight via paint chip analysis.

Synertech provide recommendations for the repair, renovation, and/or removal of lead containing materials under the various regulations (EPA, OSHA, HUD, etc.) in their report.














I. REFERENCES

- ASTM International, 2013. *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, ASTM-E1527-13.
- PADEP, 2017. *Land Recycling Program Technical Guidance Manual for Vapor Intrusion into Buildings from Groundwater and Soil under Act 2*, Document No. 261-0300-101.
- PADEP, 2010. *Management of Fill*. Document No. 258-2182-773.
- Pennsylvania AUL Registry.
Website: <http://www.depgis.state.pa.us/pa-aul/AulMap.html?>.
- Pennsylvania eFACTS. Website:
<http://www.ahs.dep.pa.gov/eFACTSWeb/default.aspx>.
- Philadelphia Atlas. Website: <https://atlas.phila.gov/>
- Philadelphia GeoHistory Network. Website:
<https://www.philageohistory.org/tiles/viewer/>.
- Philadelphia Property. Website: <http://property.phila.gov/>.

FIGURE

Figure 1 - Site Location Map



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  Pipelines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands



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

SITE NAME: McPherson Library
 ADDRESS: 601 East Indiana Avenue
 Philadelphia PA 19134
 LAT/LONG: 39.994799 / 75.118864

CLIENT: Duffield Associates, Inc.
 CONTACT: Matthew Staunton
 INQUIRY #: 5676144.2s
 DATE: June 06, 2019 4:23 pm

TABLES

TABLE 1: SUMMARY OF HAZARDOUS MATERIALS SURVEY

**McPherson Library
601 East Indiana Avenue
Philadelphia, PA 19134**

McPherson LIBRARY				
Material	Description	Location(s)	Quantity	Recommendation
Miscellaneous cleaning chemicals	Cleaner, paint	Throughout	93 gallons	Reuse or dispose as appropriate
Paint/flammables/ combustibles	Gasoline	Throughout	2.5 gallons	Reuse or dispose as appropriate
Freon containing units	Refrigerator, freezer, water fountains	Throughout	5.64 ounces	Option 1: Reuse (remove) Option 2: Recapture and recycle Freon to be performed by an EPA certified technician, then dispose of equipment as construction debris
Mercury-containing or PCB-containing light ballasts	Potentially mercury containing	Throughout	71	Option 1: Reuse Option 2: Dispose as appropriate as hazardous waste
Mercury-containing light tubes, compact fluorescent bulbs (CFLs), halogen bulbs	2-foot & 4-foot (T8 & T12) and fluorescent CFL and U Bent Bulbs	Throughout	213	Reuse or dispose as appropriate
PCB-containing Oils	Potentially present in electrical transformer	Southwest of the building.	Unknown	Recover and dispose in accordance with the Regulation.
Lead-acid batteries	Emergency Lights	Throughout	16	Option 1: Reuse (remove) Option 2: Dispose as universal hazardous waste.

This table is part of Duffield Associates' Phase I Environmental Site Assessment report prepared for the McPherson Library dated August 2019 and should be viewed in the context of that report.

TABLE 2: SUMMARY OF ASBESTOS-CONTAINING MATERIALS

**McPherson Library
601 East Indiana Avenue
Philadelphia, PA 19134**

Location(s)	Material	Approximate Amounts of ACM	Philadelphia Asbestos Control Regulation Classification	Condition
Basement Mechanical Room	White Packing surrounding the Boiler Breeching/Chimney connection point	5 square feet	Friable	undamaged
Throughout Basement	12" x 12" White Floor Tile and associated Mastic	2,748 square feet (120 sf below non- asbestos Vinyl Composite Tile)	Non-Friable Category I	undamaged
Throughout First Floor	12" x 12" White Floor Tile and associated Mastic	4,896 square feet (3,740 sf below carpeting and 856 sf below non- asbestos Vinyl)	Non-Friable Category I	undamaged
Throughout	Wood and Metal Fire Doors throughout the Building (assumed asbestos-containing interior cores)	Approximately 20 doors	Non-Friable Category II	undamaged
Throughout – Concealed within Electric Boxes Behind Panel Breakers	Wire Insulation	Quantity Undetermined	Non-Friable Category II	not inspected
Concealed within Wall Cavities (feeding radiators from Attic)	Magnesia (MAG) Pipe/Pipe Fitting Insulation	Quantity Undetermined	Friable	unknown
Attic	Magnesia (MAG) Pipe/Pipe Fitting Insulation	250 linear feet	Friable	damaged
Rooftops	Roof field and flashing (assumed asbestos-containing)	6,500 square feet	Non-Friable Category I	not inspected

NOTES:

ACPI/ACPF = asbestos-containing pipe insulation/ asbestos-containing pipe fittings

VAT = vinyl asbestos tile

VCT = vinyl composition tile (non-asbestos)

LF/LFT = linear feet

ft² = square feet

Abatement classification as per the Philadelphia Asbestos Control Regulation

See Synertech's August 9, 2019, *Report for Environmental Investigation (ACM & LBP)*

& Sampling, 601 East Indiana Ave., Philadelphia PA provided in Appendix K of this report.

TABLE 3: SUMMARY OF LEAD BASED PAINT COATED MATERIALS

McPherson Library
 601 East Indiana Avenue
 Philadelphia, PA 19134

LBP and LCC Components					
Location	Wall	Component	>OSHA Threshold	>HUD/EPA Threshold	>CoP DoH Threshold
Basement					
Large Community Room	All	Plaster Walls	X	X	X
	All	Concrete Baseboards	X	X	X
	N/A	Plaster Columns	X	X	X
Basement					
Community Rm. Storage Rm.	All	Walls & Ceiling	X		
	A	Door Frame	X	X	X
	N/A	Pipes	X		
HVAC Room	A	Brick Wall	X	X	X
Large Boiler Rm.	B	Brick Wall	X	X	X
Common Hall o/s Boiler Rm.	All	Plaster Walls	X	X	X
	D	Baseboard	X	X	X
Bathroom	A	Door casing & Door	X		
Lunch Room	All	Baseboards	X	X	X
	A	Door Frame & Door	X		
	All	Walls	X		
	N/A	Columns	X		
	N/A	Plaster Ceiling	X		
	D	Door	X		
Storage Rm.	All	Plaster Walls	X		
Staff Room	All	Plaster Walls & Ceilings	X	X	X
	A	Door Frame & Door	X		
Staff Rm. Kitchen	All	Plaster Walls & Ceiling	X	X	X
	A,D	Baseboards	X	X	X
Staff Rm. Closet	All	Walls	X		
Ladies Rm. & Locker Rm.	All	Plaster Walls & Ceiling	X	X	X
	D	Baseboards	X	X	X
	A	Door Frame, Door Casing & Door	X	X	X

TABLE 3: SUMMARY OF LEAD BASED PAINT COATED MATERIALS

McPherson Library
601 East Indiana Avenue
Philadelphia, PA 19134

LBP and LCC Components					
Location	Wall	Component	>OSHA Threshold	>HUD/EPA Threshold	>CoP DoH Threshold
Hallway o/s Lunch Rm. & Locker Rm.	All	Plaster Walls & Ceiling	X	X	X
	All	Baseboards	X	X	X
Stairwell	All	Plaster Walls	X	X	X
	C	Window Components	X	X	X
	C	Exit Door Frame & Casing	X	X	X
Staff Office/Storage	All	Plaster Walls & Ceiling	X		
	A	Door	X		
Library					
Throughout	All	Plaster Walls & Ceiling	X	X	X
	All	Plaster Columns	X	X	X
	N/A	Large Arch Moldings	X	X	X
	All	Book Shelf Framing/Dividers	X	X	X
	All	Window Sills	X	X	X
Exterior	A	Door Components	X	X	X

NOTES:

Regarding entries in the "Wall" column, Direction "A" corresponds to the main front entry wall of the building for common areas and "A" corresponds to the entry door wall for interior room within the building. Direction "B" corresponds to the next adjacent wall in a clockwise direction and so forth for directions "C" and "D".

CoP DoH = LBP is defined by the City of Philadelphia Department of Health to contain equal to or greater than 0.70 mg/cm² via XRF.

HUD/EPA = LBP is defined by the Federal Department of Housing & Urban Development (HUD) and Environmental Protection Agency (EPA) to contain equal to or greater than 1.00 mg/cm² lead via XRF.

OSHA = The OSHA definition correlates to a PRESENT or ABSENT lead content in paints and coatings. OSHA considers results greater than 0.00 mg/cm² lead via XRF a Lead Containing Coating (LCC) and >0.01% by weight via paint chip analysis.

See Synertech's August 9, 2019, *Report for Environmental Investigation (ACM & LBP) & Sampling, 601 East Indiana Ave., Philadelphia PA* provided in Appendix K of this report.

PHOTOGRAPHS



Photograph 1: View of Library facing Northwest.



Photograph 2: Northern Adjoining Sites: Residential Row Houses.



Photograph 3: Eastern Adjoining Sites: Residential Row Houses



Photograph 4: Western Adjoining Sites: Residential Row Houses.



Photograph 5: Southeastern Adjoining Sites: Restaurants and Commercial Businesses.



Photograph 6: Southern Adjoining Sites: Residential Row Houses.



Photograph 7: Playground on the Property.



Photograph 8: Main library area in McPherson library.



Photograph 9: Boiler room in the basement of McPherson library.



Photograph 10: Storage room in the Basement.



Photograph 11: Miscellaneous cleaning supplies and paint cans in the Boiler Room.



Photograph 12: Gasoline can in the Boiler Room.



Photograph 13: Flooding in Main Classroom of the Basement.



Photograph 14: Flooding in Main Hallway of the Basement.

APPENDIX A

COUNTY PARCEL INFORMATION

OWNER

CITY OF PHILA

MAILING ADDRESS

MUNICIPAL SERVICES BLDG ROOM 1030
1401 JOHN F KENNEDY BLVD
PHILADELPHIA PA
19102-1610

VALUATION HISTORY

Year	Market Value	Taxable Land	Taxable Improvement	Exempt Land	Exempt Improvement
2020	\$4,162,300	\$0	\$0	\$541,099	\$3,621,201
2019	\$4,162,300	\$0	\$0	\$541,099	\$3,621,201
2018	\$4,162,300	\$0	\$0	\$541,099	\$3,621,201
2017	\$3,904,400	\$0	\$0	\$3,750,000	\$154,400
2016	\$3,904,400	\$0	\$0	\$3,750,000	\$154,400
2015	\$3,904,400	\$0	\$0	\$3,750,000	\$154,400
2014	\$3,904,400	\$0	\$0	\$3,750,000	\$154,400

Note: Taxable and exempt land values can represent:

1. The contributory value of land in relation to the total market value, or
2. Where no structure is present, the value of vacant land

Consistent with International Association of Assessing Officers (IAAO) standards, the value of an improved parcel is separated into the portion of value attributed to the improvement and the portion of value attributed to the land.

SALES DETAILS

SALES PRICE: \$1

SALES DATE: 10/14/2003

PROPERTY DETAILS

OPA ACCOUNT: 786225300
HOMESTEAD EXEMPTION: No
DESCRIPTION: MISC LIBRARY MASONRY
CONDITION: Average
BEGINNING POINT: NEC E ST TO NWC F ST
LAND AREA (SQFT): 250,000
IMPROVEMENT AREA (SQFT): 10,291
ZONING: SP-PO-A
Zoning data source: Planning and Development

CORRECTIONS OR QUESTIONS ABOUT THIS INFORMATION?:

TRASH & RECYCLING

TRASH & RECYCLING DAY: Monday

LEAF COLLECTION: Saturday Bag Dropoff

SERVICE AREAS

School Catchment

ELEMENTARY SCHOOL: Elkin MIDDLE SCHOOL: Aspira CS (Stetson) HIGH SCHOOL: Edison

Political

COUNCILMANIC DISTRICT (2016): 7 WARD: 33 WARD DIVISIONS: 3317

Public Safety

Districts

POLICE DISTRICT: **24** POLICE PUBLIC SERVICE AREA: **242** POLICE DIVISION: **EPD**

PLANNING: **North** LICENSES AND INSPECTIONS (L+I): **NORTH CENTRAL** CENSUS TRACT (2010): **017701** CENSUS BLOCK GROUP (2010): **1** COMMERCIAL CORRIDOR: **n/a**

Streets

HIGHWAY DISTRICT: **3** HIGHWAY SECTION: **3B** HIGHWAY SUBSECTION: **3B12** STREET LIGHT ROUTES: **47** TRAFFIC DISTRICT: **1** TRAFFIC PM DISTRICT: **1220**

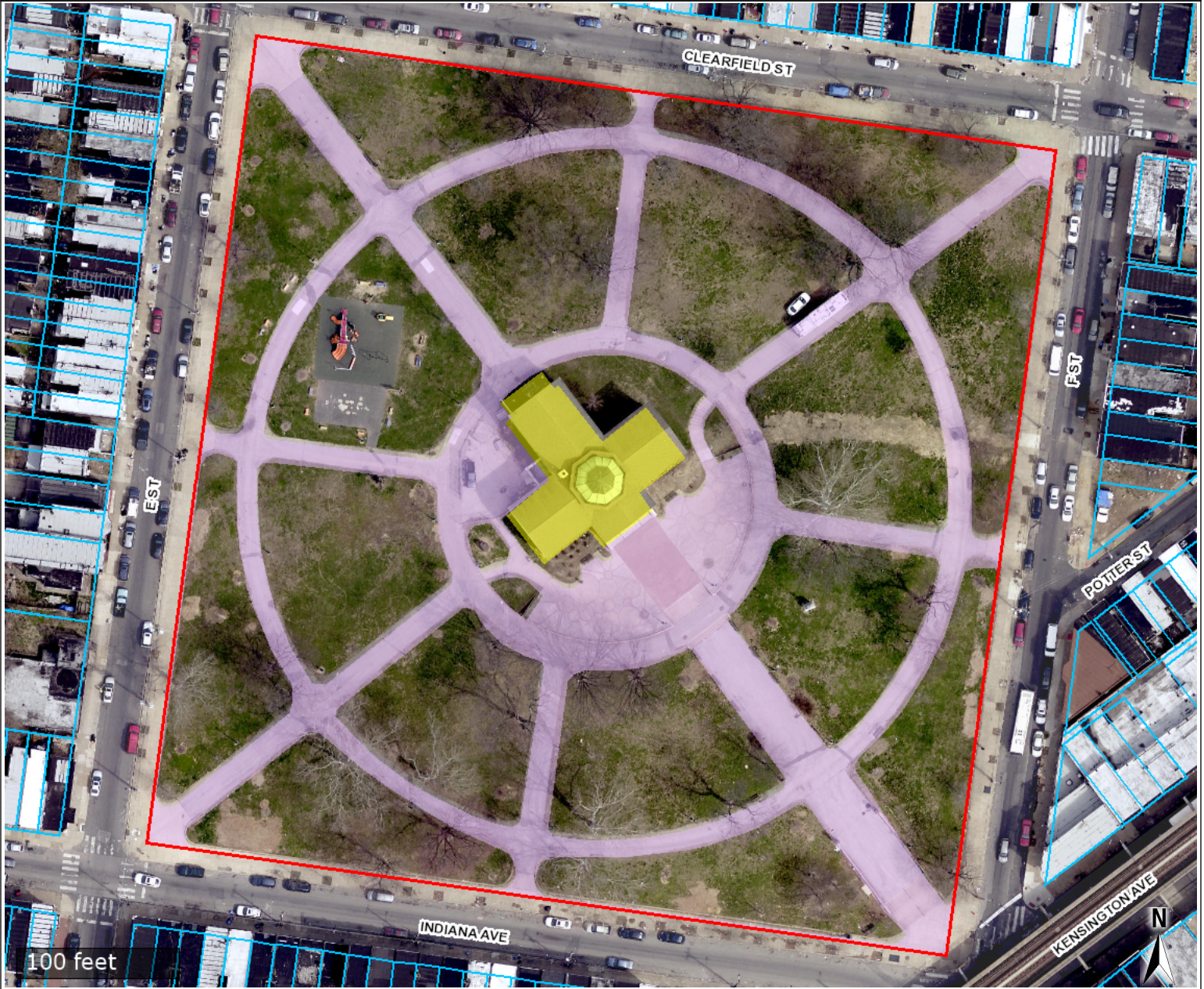
TRASH & RECYCLING DAY: **Monday** LEAF COLLECTION DAY: **Saturday Bag Dropoff** RECYCLING DIVERSION RATE: **12.5%** SANITATION AREA: **5** SANITATION DISTRICT: **5F**



BRT/OPA Account Number: 786225300
 Stormwater Billing Class: Non-Residential
 Parcel Address: 601 E INDIANA AVE
 Parcel Owner: CITY OF PHILA

Legend

- Selected Parcel
- Other Parcels
- Impervious Surfaces
- Roof
- Other Impervious



Parcel Area (square feet)

	<u>Gross Area</u>	<u>Impervious Area</u>
Total:	248,357	75,744
Credit:	0	0

Monthly Stormwater Charge

<i>Fiscal Year</i>	<i>07/01/2014 - 06/30/2016</i>	<i>07/01/2016 - 06/30/2017</i>	<i>07/01/2017 - 08/31/2018</i>	<i>09/01/2018 - 08/31/2019</i>	<i>09/01/2019 - 08/31/2020</i>
Parcel - Total	\$1016.81	\$1017.96	\$1063.61	\$1156.95	\$1180.97
Account # - 023-44860-00601-001	\$1016.81	\$1017.96	\$1063.61	\$1156.95	\$1180.97

APPENDIX B

SCOPE OF SERVICES

SCOPE OF SERVICES

1. **Phase I ESA and UHW survey.** Duffield will complete a Phase I ESA and UHW survey for each property. The components of a Phase I ESA include: site reconnaissance, property and government interviews, historical review, regulatory database search, and a physical setting review. A Phase I ESA report will be prepared that identifies RECs as defined by AAI, if any. The report will also include recommendations for additional assessment if required. Observed UHWs will be tabulated and the quantity estimated.
2. **Asbestos Investigation.** The asbestos investigation will follow the guidelines outlined in 40 CFR Part 763 (Asbestos Hazard Emergency Response Act) and 29 CFR Part 1926.1101 (OSHA Occupational Exposure to Asbestos, Final Rule). Suspect asbestos-containing materials (ACMs) will be sampled and analyzed for asbestos content via Polarized Light Microscopy (PLM), method EPA 600/R0-93/116, the standard method of analysis for determining asbestos content in building materials. A licensed Philadelphia Asbestos Investigator will perform the asbestos inspection and bulk sampling tasks.
3. **Lead Based Paint (LBP) Evaluation.** The LBP evaluation will be performed on each building. A licensed Lead Inspector/Risk Assessor will perform the LBP inspection using an X-Ray Fluorescence Spectrum Analyzer (XRF). Paint chip samples will be collected for those results that are “inconclusive.”
4. **Report.** A single report will be prepared for each property. (Note that one report will be prepared for the Lawncrest and Kingsessing facilities). The UHW, ACM and LBP results will be summarized as “Additional Services” in the Phase I ESA report and Synertech’s reports will be appended to the Phase I ESA report.

APPENDIX C

USER QUESTIONNAIRE

Project Name: _____

Project Number: _____

User Questionnaire
Phase I Environmental Site Assessment

Date:

Name of person providing information:

Affiliation:

Completion of this questionnaire is required for successful execution of the Phase I Environmental Site Assessment (ESA). If this questionnaire is not completed by the intended user of the Phase I ESA report, the assessment will be considered incomplete.

1. Did a search of recorded land title records identify any environmental liens filed or recorded against the Property under Federal, State, or local law?

2. Did a search of recorded land title records identify any Activity and Use Limitations (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place at the Property and/or have been filed or recorded against the Property under Federal, State, or local law?

3. Do you have any specialized knowledge or experience related to the Property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the Property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

4. Does the purchase price for the property reasonably reflect the fair market value of the property? If there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the Property?

User Questionnaire
(continued)

5. Are you aware of commonly known or reasonable ascertainable information about the property that would help the Environmental Professional to identify conditions indicative of releases or threatened releases? For example,
 - a. Do you know the past uses of the Property?

 - b. Do you know of specific chemicals that are present or once were present at the Property?

 - c. Do you know of spills or other chemical releases that have taken place at the Property?

 - d. Do you know of any environmental cleanups that have taken place at the Property?

6. Based on your knowledge and experience related to the Property, are there any *obvious* indicators that point to the presence or likely presence of releases at the Property?

APPENDIX D

RADIUS MAP REPORT

McPherson Library

601 East Indiana Avenue
Philadelphia, PA 19134

Inquiry Number: 5676144.2s
June 06, 2019

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

601 EAST INDIANA AVENUE
PHILADELPHIA, PA 19134

COORDINATES

Latitude (North): 39.9947990 - 39° 59' 41.27"
Longitude (West): 75.1188640 - 75° 7' 7.91"
Universal Tranverse Mercator: Zone 18
UTM X (Meters): 489852.8
UTM Y (Meters): 4426976.5
Elevation: 41 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6035311 CAMDEN, NJ
Version Date:	2014
Northeast Map:	5949526 FRANKFORD, PA
Version Date:	2013
Southwest Map:	5947577 PHILADELPHIA, PA
Version Date:	2013
Northwest Map:	5949514 GERMANTOWN, PA
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150816
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
601 EAST INDIANA AVENUE
PHILADELPHIA, PA 19134

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	STEIN SEAL CO	S/E COR 20TH & IND A	RCRA NonGen / NLR	Lower	56, 0.011, SSW
2	QUICK STOP	3001 KENSINGTON AVE	EDR Hist Auto	Lower	106, 0.020, SSE
A3	KENSINGTON AUTO REPA	2931 E	EDR Hist Auto	Lower	161, 0.030, SW
A4	NUPRO IND CORP	2925 E ONTARION ST	NJ MANIFEST	Lower	213, 0.040, SW
A5	KEYSTONE AUTO REPAIR	2921 E	EDR Hist Auto	Lower	261, 0.049, SSW
B6	KEYSTONE AUTO REPAIR	2924 E	EDR Hist Auto	Lower	370, 0.070, SW
7	SAM LEE	604 E ALLEGHENY AVE	EDR Hist Cleaner	Higher	521, 0.099, North
C8	WING HENRY	3108 G	EDR Hist Cleaner	Lower	523, 0.099, ENE
B9	CAMPUS CLEANERS	549 E CAMBRIA ST	EDR Hist Cleaner	Lower	566, 0.107, SW
D10	MORRIS AUTO PARTS CO	2861 KENSINGTON AVE	RCRA-SQG, FINDS, ECHO	Lower	711, 0.135, SSW
C11	WHIZ 1 HOUR CLNR	3119 KENSINGTON AVE	RCRA-SQG, FINDS, ECHO	Lower	755, 0.143, East
12	FOWLER TRUCKING/JOHN	1827 E CLEARFIELD	RCRA NonGen / NLR, FINDS, ECHO	Lower	809, 0.153, East
E13	PHILADELPHIA SD ELKI	3199 D ST	PA MANIFEST	Higher	810, 0.153, NW
D14	AUTO SVC CTR	1824 E CAMBRIA ST	RCRA-CESQG, FINDS, ECHO, NY MANIFEST	Lower	827, 0.157, SSW
E15	ELKIN 526	D ST & ALLEGHENY AVE	PA UNREG LTANKS	Higher	836, 0.158, NW
E16	ELKIN SCHOOL	D & ALLEGHENY STREET	PA MANIFEST	Higher	836, 0.158, NW
E17	ELKIN SCHOOL 526	D ST & ALLEGHENY AVE	PA ARCHIVE UST	Higher	836, 0.158, NW
18	RONALD TURNER PROP	767 E ALLEGHENY AVE	PA ARCHIVE UST	Higher	882, 0.167, NE
F19	WILLARD ELEM SCH	1930 E ELKHART ST	PA VCP	Lower	936, 0.177, SE
F20	WILLARD SCHOOL PHILA	1930 EAST ELKHART ST	PA MANIFEST	Lower	936, 0.177, SE
G21	CONWELL	JASPER & CLEARFIELD	PA UNREG LTANKS	Lower	955, 0.181, ESE
G22	CONWELL, RUSSELL H M	JASPER & CLEARFIELD	RCRA-CESQG, FINDS, ECHO	Lower	955, 0.181, ESE
G23	CONWELL MIDDLE SCHOO	JASPER & CLEARFIELD	PA ARCHIVE UST	Lower	955, 0.181, ESE
24	ALDINE MANUFACTURING	NW C CLEARFIELD ST	RCRA NonGen / NLR	Higher	1009, 0.191, WNW
H25	WILLARD ELEMENTARY S	EMERALD & ORLEANS ST	PA MANIFEST	Lower	1013, 0.192, SSE
H26	WILLARD SCHOOL	EMRALD & ORLEANS STR	PA MANIFEST	Lower	1013, 0.192, SSE
F27	CONWELL MIDDLE SCHOO	3076 EMERALD STREET	PA MANIFEST	Lower	1043, 0.198, SE
I28	NORTEX INTL	INDIANA & C ST	PA UNREG LTANKS	Higher	1128, 0.214, West
I29	PHILADELPHIA PLANT	C ST & INDIANA AVE	PA ARCHIVE UST	Higher	1128, 0.214, West
H30	LONDON WREATH CO	2014 E ORLEANS ST	RCRA NonGen / NLR, FINDS, ECHO	Lower	1184, 0.224, SSE
31	HAMADA INC	2858 EMERALD ST	PA ARCHIVE UST	Lower	1204, 0.228, South
J32	INTL NATL HOBBY	413 E ALLEGHENY AVE	PA ARCHIVE UST	Higher	1260, 0.239, NW
J33	INTL HOBBY	413 E ALLEGHENY AVE	PA UNREG LTANKS	Higher	1260, 0.239, NW
K34	PA WOVEN CARPET MILL	401 E ALLEGHENY AVE	PA ARCHIVE UST	Higher	1289, 0.244, NW
K35	RITE AID NO 226	338 E ALLEGHENY AVE	RCRA-CESQG, FINDS, ECHO	Higher	1311, 0.248, NW
K36	RITE AID 00226	338 EAST ALLEGHENY A	PA MANIFEST	Higher	1311, 0.248, NW
37	3222-3258 H ST	3222 H ST	PA VCP	Lower	1412, 0.267, ENE
38	JOHN WANAMAKER	300 E ALLEGHENY AVE	PA LUST, PA ARCHIVE UST, PA ARCHIVE AST	Higher	1491, 0.282, WNW
39	HAMADA ROOFING	2844-2848 FRANKFORD	PA VCP	Lower	1511, 0.286, South

MAPPED SITES SUMMARY

Target Property Address:
601 EAST INDIANA AVENUE
PHILADELPHIA, PA 19134

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
L40	TECHNITROL INC	1952 E ALLEGHENY AVE	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA NonGen /...	Lower	1677, 0.318, East
41	BAKER RES	3031 B GERMANTOWN PI	PA UNREG LTANKS	Higher	1736, 0.329, West
42	842 E THAYER PROP	842 E THAYER ST	PA VCP	Higher	1782, 0.338, NE
43	506 MASTBAUM AUTS	3116 FRANKFORD AVE	PA LUST	Lower	1797, 0.340, ESE
L44	SUNOCO 0004 7050	ALLEGHENY AVE & EMER	PA LUST, PA ARCHIVE UST	Lower	1853, 0.351, East
45	JOHN WANAMAKER WHSE	B ST & ALLEGHENY AVE	PA UNREG LTANKS	Higher	1859, 0.352, WNW
46	LACASA DE FAMILIA	201-09 E. INDIANA AV	US BROWNFIELDS, FINDS	Higher	2200, 0.417, West
47	RUSSELL PROP	206 E CLEARFIELD ST	PA VCP	Higher	2225, 0.421, WNW
48	WILLIAM J ODRISCOLL	620 E TIOGA ST	PA LUST, PA ARCHIVE UST	Higher	2289, 0.434, North
49	2100 E. RUSH STREET	2100 E. RUSH STREET	US BROWNFIELDS, FINDS	Lower	2398, 0.454, South
M50	RICHMOND STATION	2001 E WILLARD ST	PA LUST, PA ARCHIVE UST	Lower	2404, 0.455, East
M51	USPS RICHMOND STA	2001 E WILLIARD ST	PA UNREG LTANKS	Lower	2404, 0.455, East
52	B & W ASSOC	449 E TIOGA ST	PA VCP, PA ACT 2-DEED	Higher	2415, 0.457, North
53	ELLEN KNUITSEN CUMENE	PIER 179 ALLEGHENY A	SEMS-ARCHIVE	Higher	2481, 0.470, WNW
54	SUNOCO 0363 9499	2100 E ALLEGHENY AVE	PA LUST, PA UST, PA ARCHIVE UST	Lower	2491, 0.472, ESE
N55	CASSAR EDWARD H	1920 E CORNWALL ST	SEMS-ARCHIVE	Lower	2502, 0.474, East
N56	EDWARD H. CASSAR	1920 E CORNWALL ST	PA HIST LF	Lower	2502, 0.474, East
57	830226	2740 AMBER ST	PA VCP	Lower	2526, 0.478, South
58	332-52 E TIOGA ST AN	332-52 E TIOGA ST AN	US BROWNFIELDS, FINDS	Higher	2589, 0.490, NNW
59	UNITED GAS IMPROVEME	SHELBOURNE AND E ATL	EDR MGP	Higher	2717, 0.515, NNE
60	QUALITY CONTAINER HS	2135 E ONTARIO	PA SHWS	Lower	3780, 0.716, East
61	IMPERIAL METAL & CHE	3400 ARAMINGO AVE	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, US ENG...	Lower	4839, 0.916, East

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

PA HSCA..... HSCA Remedial Sites Listing

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

PA SWF/LF..... Operating Facilities

State and tribal leaking storage tank lists

PA LAST..... Storage Tank Release Sites

EXECUTIVE SUMMARY

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

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

State and tribal institutional control / engineering control registries

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

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

PA BROWNFIELDS..... Brownfields Sites

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
US CDL..... National Clandestine Laboratory Register
PA PFAS..... Sites With Known PFAS Contamination

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

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

Other Ascertainable Records

FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
TSCA..... Toxic Substances Control Act

EXECUTIVE SUMMARY

TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
PA AIRS.....	Permit and Emissions Inventory Data
PA ASBESTOS.....	ASBESTOS
PA DRYCLEANERS.....	Drycleaner Facility Locations
PA MINES.....	MINES
PA NPDES.....	NPDES Permit Listing
PA UIC.....	Underground Injection Wells

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 04/11/2019 has revealed that there are 3 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ELLEN KNUITSEN CUMENE Site ID: 0304830 EPA Id: PAD987394921	PIER 179 ALLEGHENY A	WNW 1/4 - 1/2 (0.470 mi.)	53	88

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TECHNITROL INC Site ID: 0304008 EPA Id: PAD002300556	1952 E ALLEGHENY AVE	E 1/4 - 1/2 (0.318 mi.)	L40	61
CASSAR EDWARD H Site ID: 0301359 EPA Id: PAD980539688	1920 E CORNWALL ST	E 1/4 - 1/2 (0.474 mi.)	N55	94

Federal RCRA CORRACTS facilities list

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

A review of the CORRACTS list, as provided by EDR, and dated 03/25/2019 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TECHNITROL INC EPA ID:: PAD002300556	1952 E ALLEGHENY AVE	E 1/4 - 1/2 (0.318 mi.)	L40	61
IMPERIAL METAL & CHE EPA ID:: PAD070283023	3400 ARAMINGO AVE	E 1/2 - 1 (0.916 mi.)	61	104

EXECUTIVE SUMMARY

Federal RCRA non-CORRACTS TSD facilities list

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

A review of the RCRA-TSDF list, as provided by EDR, and dated 03/25/2019 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TECHNITROL INC EPA ID:: PAD002300556	1952 E ALLEGHENY AVE	E 1/4 - 1/2 (0.318 mi.)	L40	61

Federal RCRA generators list

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

A review of the RCRA-SQG list, as provided by EDR, and dated 03/25/2019 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MORRIS AUTO PARTS CO EPA ID:: PAD014765671	2861 KENSINGTON AVE	SSW 1/8 - 1/4 (0.135 mi.)	D10	13
WHIZ 1 HOUR CLNR EPA ID:: PAR000030833	3119 KENSINGTON AVE	E 1/8 - 1/4 (0.143 mi.)	C11	15

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/25/2019 has revealed that there are 3 RCRA-CESQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RITE AID NO 226 EPA ID:: PAR000536052	338 E ALLEGHENY AVE	NW 1/8 - 1/4 (0.248 mi.)	K35	43

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AUTO SVC CTR	1824 E CAMBRIA ST	SSW 1/8 - 1/4 (0.157 mi.)	D14	20

EXECUTIVE SUMMARY

EPA ID:: PAR000016311

CONWELL, RUSSELL H M

EPA ID:: PAD100483601

JASPER & CLEARFIELD

ESE 1/8 - 1/4 (0.181 mi.) G22

28

State- and tribal - equivalent NPL

PA SHWS: The State Hazardous Waste 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.

A review of the PA SHWS list, as provided by EDR, and dated 04/16/2019 has revealed that there is 1 PA SHWS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
QUALITY CONTAINER HS Site Id: 264020 Facility Id: 619780	2135 E ONTARIO	E 1/2 - 1 (0.716 mi.)	60	100

State and tribal leaking storage tank lists

PA 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 PA LUST list, as provided by EDR, and dated 12/11/2018 has revealed that there are 6 PA LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JOHN WANAMAKER Facility Id: 609449	300 E ALLEGHENY AVE	WNW 1/4 - 1/2 (0.282 mi.)	38	57
WILLIAM J ODRISCOLL Facility Id: 609485	620 E TIOGA ST	N 1/4 - 1/2 (0.434 mi.)	48	82
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
506 MASTBAUM AUTS Facility Id: 609180	3116 FRANKFORD AVE	ESE 1/4 - 1/2 (0.340 mi.)	43	72
SUNOCO 0004 7050 Facility Id: 608642	ALLEGHENY AVE & EMER	E 1/4 - 1/2 (0.351 mi.)	L44	73
RICHMOND STATION Facility Id: 609594	2001 E WILLARD ST	E 1/4 - 1/2 (0.455 mi.)	M50	86
SUNOCO 0363 9499 Facility Id: 608684	2100 E ALLEGHENY AVE	ESE 1/4 - 1/2 (0.472 mi.)	54	90

EXECUTIVE SUMMARY

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

A review of the PA UNREG LTANKS list, as provided by EDR, and dated 04/12/2002 has revealed that there are 7 PA UNREG LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ELKIN 526	D ST & ALLEGHENY AVE	NW 1/8 - 1/4 (0.158 mi.)	E15	23
NORTEX INTL	INDIANA & C ST	W 1/8 - 1/4 (0.214 mi.)	I28	38
INTL HOBBY Closed: 2/18/1998	413 E ALLEGHENY AVE	NW 1/8 - 1/4 (0.239 mi.)	J33	42
BAKER RES	3031 B GERMANTOWN PI	W 1/4 - 1/2 (0.329 mi.)	41	72
JOHN WANAMAKER WHSE	B ST & ALLEGHENY AVE	WNW 1/4 - 1/2 (0.352 mi.)	45	78
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CONWELL Closed: 10/16/1995	JASPER & CLEARFIELD	ESE 1/8 - 1/4 (0.181 mi.)	G21	28
USPS RICHMOND STA Closed: 2/4/1997	2001 E WILLIARD ST	E 1/4 - 1/2 (0.455 mi.)	M51	87

State and tribal voluntary cleanup sites

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

A review of the PA VCP list, as provided by EDR, and dated 01/08/2019 has revealed that there are 7 PA VCP sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
842 E THAYER PROP Activity ID: 784346	842 E THAYER ST	NE 1/4 - 1/2 (0.338 mi.)	42	72
RUSSELL PROP Activity ID: 745666	206 E CLEARFIELD ST	WNW 1/4 - 1/2 (0.421 mi.)	47	81
B & W ASSOC Activity ID: 619481	449 E TIOGA ST	N 1/4 - 1/2 (0.457 mi.)	52	87
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WILLARD ELEM SCH Activity ID: 706185	1930 E ELKHART ST	SE 1/8 - 1/4 (0.177 mi.)	F19	26
3222-3258 H ST Activity ID: 726309	3222 H ST	ENE 1/4 - 1/2 (0.267 mi.)	37	55
HAMADA ROOFING Activity ID: 829198	2844-2848 FRANKFORD	S 1/4 - 1/2 (0.286 mi.)	39	59
830226 Activity ID: 830226	2740 AMBER ST	S 1/4 - 1/2 (0.478 mi.)	57	96

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 12/17/2018 has revealed that there are 3 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LACASA DE FAMILIA ACRES property ID: 232481	201-09 E. INDIANA AV	W 1/4 - 1/2 (0.417 mi.)	46	78
332-52 E TIOGA ST AN ACRES property ID: 13320	332-52 E TIOGA ST AN	NNW 1/4 - 1/2 (0.490 mi.)	58	97
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
2100 E. RUSH STREET ACRES property ID: 15338	2100 E. RUSH STREET	S 1/4 - 1/2 (0.454 mi.)	49	83

Local Lists of Landfill / Solid Waste Disposal Sites

PA HIST LF: 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.

A review of the PA HIST LF list, as provided by EDR, has revealed that there is 1 PA HIST LF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EDWARD H. CASSAR Database: HIST LF INVENTORY, Date of Government Version: 06/02/1999 Facility Status: INACTIVE Site ID: 1-513	1920 E CORNWALL ST	E 1/4 - 1/2 (0.474 mi.)	N56	96

Local Lists of Registered Storage Tanks

PA ARCHIVE UST: 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.

A review of the PA ARCHIVE UST list, as provided by EDR, and dated 12/03/2018 has revealed that there are 7 PA ARCHIVE UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ELKIN SCHOOL 526	D ST & ALLEGHENY AVE	NW 1/8 - 1/4 (0.158 mi.)	E17	24

EXECUTIVE SUMMARY

Facility Id: 51-41334				
RONALD TURNER PROP Status: Closed Without a Permit Facility Id: 51-44898	767 E ALLEGHENY AVE	NE 1/8 - 1/4 (0.167 mi.)	18	25
PHILADELPHIA PLANT Facility Id: 51-44363	C ST & INDIANA AVE	W 1/8 - 1/4 (0.214 mi.)	I29	38
INTL NATL HOBBY Status: Closed Without a Permit Facility Id: 51-45445	413 E ALLEGHENY AVE	NW 1/8 - 1/4 (0.239 mi.)	J32	42
PA WOVEN CARPET MILL Status: CURRENTLY IN USE Facility Id: 51-42547	401 E ALLEGHENY AVE	NW 1/8 - 1/4 (0.244 mi.)	K34	43

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CONWELL MIDDLE SCHOO Facility Id: 51-44769	JASPER & CLEARFIELD	ESE 1/8 - 1/4 (0.181 mi.)	G23	32
HAMADA INC Facility Id: 51-10195	2858 EMERALD ST	S 1/8 - 1/4 (0.228 mi.)	31	40

Local Land Records

PA 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 PA ACT 2-DEED list, as provided by EDR, and dated 04/23/2010 has revealed that there is 1 PA ACT 2-DEED site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
B & W ASSOC	449 E TIOGA ST	N 1/4 - 1/2 (0.457 mi.)	52	87

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/25/2019 has revealed that

EXECUTIVE SUMMARY

there are 4 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ALDINE MANUFACTURING EPA ID:: PAD002267433	NW C CLEARFIELD ST	WNW 1/8 - 1/4 (0.191 mi.)	24	32

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
STEIN SEAL CO EPA ID:: PAD002283539	S/E COR 20TH & IND A	SSW 0 - 1/8 (0.011 mi.)	A1	8
FOWLER TRUCKING/JOHN EPA ID:: PAD001740588	1827 E CLEARFIELD	E 1/8 - 1/4 (0.153 mi.)	12	17
LONDON WREATH CO EPA ID:: PAD002280204	2014 E ORLEANS ST	SSE 1/8 - 1/4 (0.224 mi.)	H30	39

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 12/31/2017 has revealed that there are 7 PA MANIFEST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PHILADELPHIA SD ELKI Generator EPA Id: PADEP0016319	3199 D ST	NW 1/8 - 1/4 (0.153 mi.)	E13	18
ELKIN SCHOOL Generator EPA Id: PADEP0018093	D & ALLEGHENY STREET	NW 1/8 - 1/4 (0.158 mi.)	E16	23
RITE AID 00226 Generator EPA Id: PAR000536052	338 EAST ALLEGHENY A	NW 1/8 - 1/4 (0.248 mi.)	K36	50

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WILLARD SCHOOL PHILA Generator EPA Id: PADEP0014881	1930 EAST ELKHART ST	SE 1/8 - 1/4 (0.177 mi.)	F20	26
WILLARD ELEMENTARY S Generator EPA Id: PADEP0015354	EMERALD & ORLEANS ST	SSE 1/8 - 1/4 (0.192 mi.)	H25	34
WILLARD SCHOOL Generator EPA Id: PADEP0017570	EMERALD & ORLEANS STR	SSE 1/8 - 1/4 (0.192 mi.)	H26	35
CONWELL MIDDLE SCHOO Generator EPA Id: PADEP0014933	3076 EMERALD STREET	SE 1/8 - 1/4 (0.198 mi.)	F27	36

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

A review of the NY MANIFEST list, as provided by EDR, and dated 01/01/2019 has revealed that there is 1 NY MANIFEST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AUTO SVC CTR EPA ID: PAR000016311	1824 E CAMBRIA ST	SSW 1/8 - 1/4 (0.157 mi.)	D14	20

EXECUTIVE SUMMARY

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2018 has revealed that there is 1 NJ MANIFEST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NUPRO IND CORP EPA Id: PAR000510446	2925 E ONTARION ST	SW 0 - 1/8 (0.040 mi.)	A4	9

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: 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.

A review of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
UNITED GAS IMPROVEME	SHELBOURNE AND E ATL	NNE 1/2 - 1 (0.515 mi.)	59	100

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

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 4 EDR Hist Auto sites within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
QUICK STOP	3001 KENSINGTON AVE	SSE 0 - 1/8 (0.020 mi.)	2	9
KENSINGTON AUTO REPA	2931 E	SW 0 - 1/8 (0.030 mi.)	A3	9
KEYSTONE AUTO REPAIR	2921 E	SSW 0 - 1/8 (0.049 mi.)	A5	12
KEYSTONE AUTO REPAIR	2924 E	SW 0 - 1/8 (0.070 mi.)	B6	12

EXECUTIVE SUMMARY

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

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

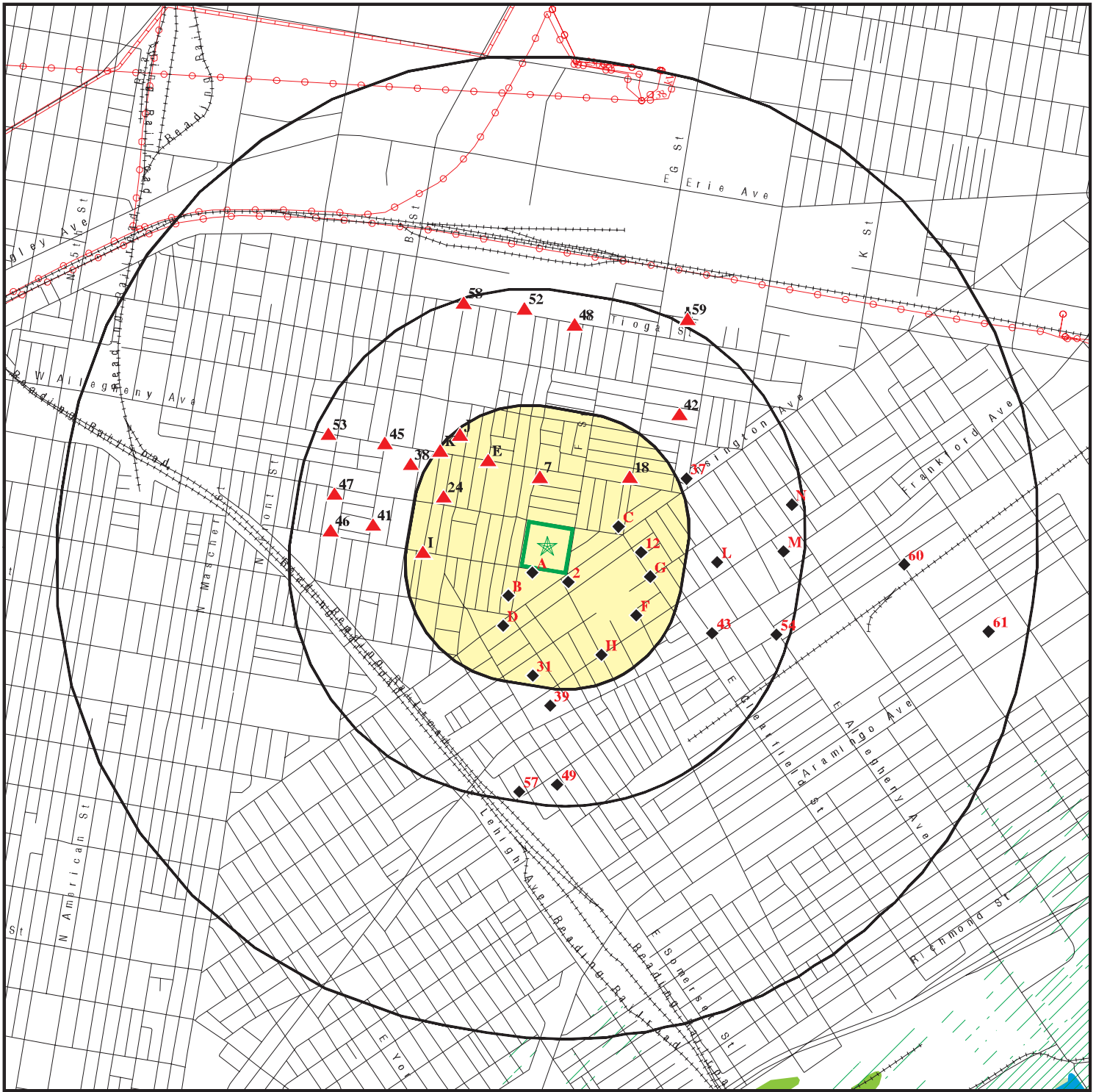
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAM LEE	604 E ALLEGHENY AVE	N 0 - 1/8 (0.099 mi.)	7	12
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WING HENRY	3108 G	ENE 0 - 1/8 (0.099 mi.)	C8	13
CAMPUS CLEANERS	549 E CAMBRIA ST	SW 0 - 1/8 (0.107 mi.)	B9	13

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 12 records.

<u>Site Name</u>	<u>Database(s)</u>
PENNSYLVANIA SMELTING & REFINING	SEMS-ARCHIVE, LEAD SMELTERS
MARTIN MARIETTA CORP. PHILADELPHIA	SEMS-ARCHIVE
INDEPENDENT WIRING	SEMS-ARCHIVE
KINDER MORGAN LIQUIDS TERMINALS	SEMS-ARCHIVE, RCRA-LQG, FINDS
ALLEGHENY TRAIN E.R.	SEMS-ARCHIVE
JO ELM CUMENE SPILL	SEMS-ARCHIVE
TIOGA STREET TIRE FIRE	SEMS-ARCHIVE
ABBOTT PLATING COMPANY	SEMS-ARCHIVE
FIRE SITE 244	PA LUST, PA ARCHIVE UST
VILLAS DEL CARIBE	PA UNREG LTANKS
PHILA SCH DIST BROWN HA 521	PA UNREG LTANKS
RHONE POULENC WALSH CHEM	PA UNREG LTANKS

OVERVIEW MAP - 5676144.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

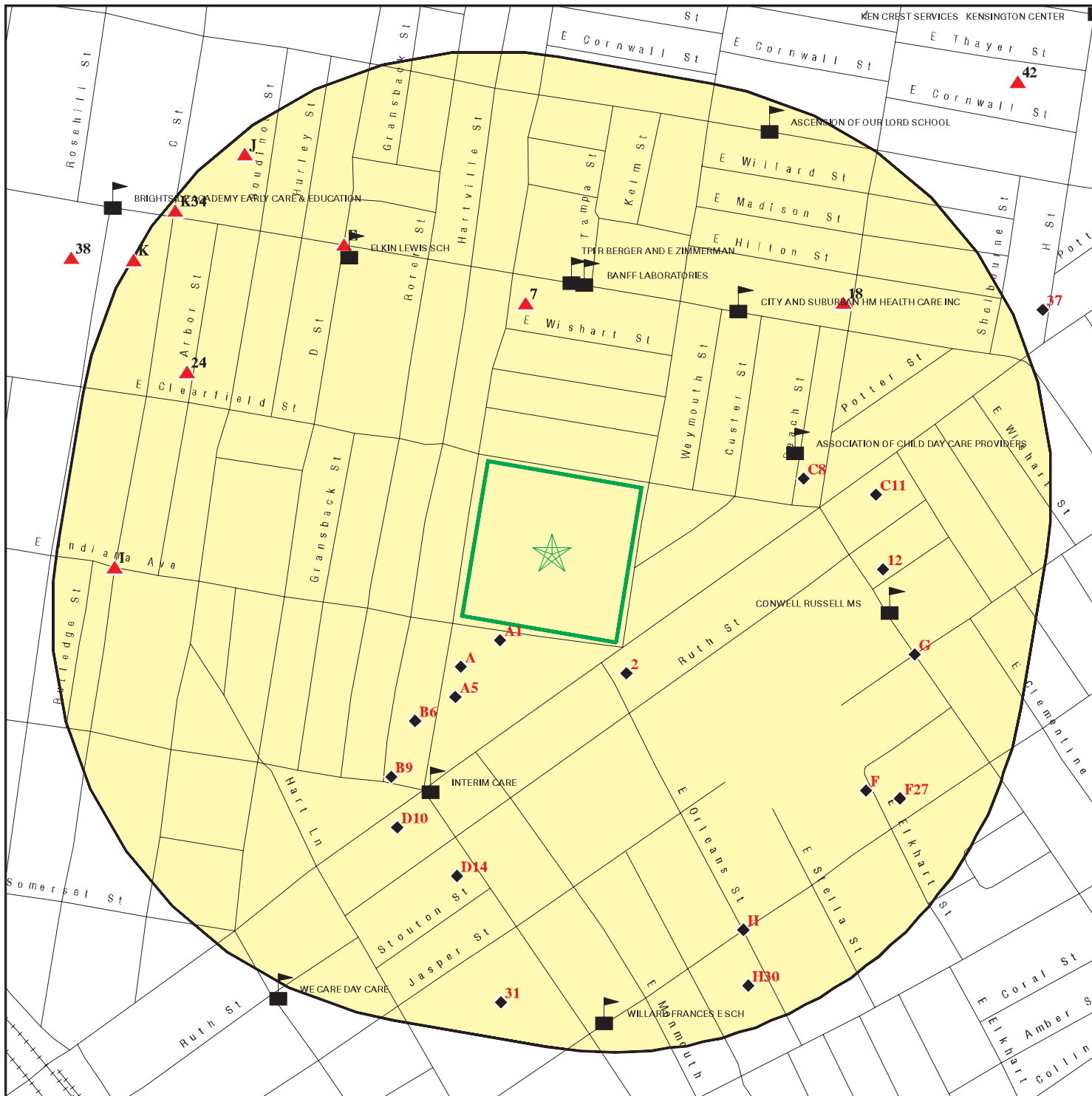









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: McPherson Library
 ADDRESS: 601 East Indiana Avenue
 Philadelphia PA 19134
 LAT/LONG: 39.994799 / 75.118864

CLIENT: Duffield Associates, Inc.
 CONTACT: Matthew Staunton
 INQUIRY #: 5676144.2s
 DATE: June 06, 2019 4:23 pm

DETAIL MAP - 5676144.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites



 Indian Reservations BIA



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: McPherson Library ADDRESS: 601 East Indiana Avenue Philadelphia PA 19134 LAT/LONG: 39.994799 / 75.118864	CLIENT: Duffield Associates, Inc. CONTACT: Matthew Staunton INQUIRY #: 5676144.2s DATE: June 06, 2019 4:26 pm
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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	3	NR	NR	3
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	1	1	NR	2
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	1	NR	NR	1
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	2	NR	NR	NR	2
RCRA-CESQG	0.250		0	3	NR	NR	NR	3
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
PA SHWS	1.000		0	0	0	1	NR	1
PA HSCA	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
PA SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
PA LAST	0.500		0	0	0	NR	NR	0
PA LUST	0.500		0	0	6	NR	NR	6
INDIAN LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PA UNREG LTANKS	0.500		0	4	3	NR	NR	7
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
PA UST	0.250		0	0	NR	NR	NR	0
PA AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
PA ENG CONTROLS	0.500		0	0	0	NR	NR	0
PA INST CONTROL	0.500		0	0	0	NR	NR	0
PA AUL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
PA VCP	0.500		0	1	6	NR	NR	7
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
PA BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	3	NR	NR	3
Local Lists of Landfill / Solid Waste Disposal Sites								
PA HIST LF	0.500		0	0	1	NR	NR	1
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PA PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
PA ARCHIVE UST	0.250		0	7	NR	NR	NR	7
PA ARCHIVE AST	0.001		0	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
PA ACT 2-DEED	0.500		0	0	1	NR	NR	1
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PA SPILLS	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	3	NR	NR	NR	4
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PA AIRS	0.001		0	NR	NR	NR	NR	0
PA ASBESTOS	0.001		0	NR	NR	NR	NR	0
PA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
PA MANIFEST	0.250		0	7	NR	NR	NR	7
NY MANIFEST	0.250		0	1	NR	NR	NR	1
NJ MANIFEST	0.250		1	0	NR	NR	NR	1
PA MINES	0.500		0	0	0	NR	NR	0
PA NPDES	0.001		0	NR	NR	NR	NR	0
PA UIC	0.001		0	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	1	NR	1
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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.125		4	NR	NR	NR	NR	4
EDR Hist Cleaner	0.125		3	NR	NR	NR	NR	3
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
PA RGA HWS	0.001		0	NR	NR	NR	NR	0
PA RGA LF	0.001		0	NR	NR	NR	NR	0
PA RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	9	28	25	3	0	65

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
SSW
< 1/8
0.011 mi.
56 ft.

STEIN SEAL CO
S/E COR 20TH & IND AVE
PHILADELPHIA, PA 19132

RCRA NonGen / NLR **1000255473**
PAD002283539

Site 1 of 4 in cluster A

Relative:
Lower

RCRA NonGen / NLR:

Actual:
37 ft.

Date form received by agency: 08/18/1980
Facility name: STEIN SEAL CO
Facility address: S/E COR 20TH & IND AVE
PHILADELPHIA, PA 19132
EPA ID: PAD002283539
Contact: ENVIRONMENTAL COORDINATOR
Contact address: S/E COR 20TH & IND AVE
PHILADELPHIA, PA 19132
Contact country: US
Contact telephone: 215-555-1212
Contact email: Not reported
EPA Region: 03
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: 215-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: Not reported
Owner/operator address: OWNERSTREET
OWNERCITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: 215-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STEIN SEAL CO (Continued)

1000255473

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

2
SSE
< 1/8
0.020 mi.
106 ft.

QUICK STOP
3001 KENSINGTON AVE
PHILADELPHIA, PA 19134

EDR Hist Auto 1020999458
N/A

Relative: EDR Hist Auto
Lower

Actual: 28 ft. Year: Name: Type:
2008 QUICK STOP Gasoline Service Stations
2009 QUICK STOP Gasoline Service Stations
2012 QUICK STOP Gasoline Service Stations
2013 QUICK STOP Gasoline Service Stations

A3
SW
< 1/8
0.030 mi.
161 ft.

KENSINGTON AUTO REPAIR SHOP
2931 E
PHILADELPHIA, PA
Site 2 of 4 in cluster A

EDR Hist Auto 1009117162
N/A

Relative: EDR Hist Auto
Lower

Actual: 37 ft. Year: Name: Type:
1920 KENSINGTON AUTO REPAIR SHOP AUTOMOBILE REPAIRING

A4
SW
< 1/8
0.040 mi.
213 ft.

NUPRO IND CORP
2925 E ONTARION ST
PHILADELPHIA, PA 19134
Site 3 of 4 in cluster A

NJ MANIFEST S120679284
N/A

Relative: NJ MANIFEST:
Lower EPA Id: PAR000510446
Actual: 36 ft. Mail Address: E ONTARION ST
Mail City/State/Zip: PHILADELPHIA, PA 19134
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: FRANK WIERENGA
Comments: Not reported
SIC Code: Not reported
County: PA101
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NUPRO IND CORP (Continued)

S120679284

Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 015381708JJK
EPA ID: PAR000510446
Date Shipped: 1/13/2016
TSDF EPA ID: NJD002454544
Transporter EPA ID: PAR000501577
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: PHILADELPHIA, PA 19134
Reason Load Was Rejected: Not reported

Manifest Number: 017925318JJK
EPA ID: PAR000510446
Date Shipped: 2/6/2018
TSDF EPA ID: NJD002454544
Transporter EPA ID: PAR000501577
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NUPRO IND CORP (Continued)

S120679284

Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: Not reported
Generator EPA Facility Name: NUPRO INDUSTRIES CORPORATION
Transporter-1 EPA Facility Name: ENVIRONMENTAL WASTE MINIMIZATION INC
TSDf EPA Facility Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
QTY Units: Pounds
Transporter SEQ ID: Not reported
Transporter-1 Date: 2/6/2018
Waste SEQ ID: 1
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: 2/6/2018
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: PHILADELPHIA, PA 19134
Reason Load Was Rejected: Not reported

Manifest Number: 017043207JJK
EPA ID: PAR000510446
Date Shipped: 3/1/2017
TSDf EPA ID: NJD002454544
Transporter EPA ID: PAR000501577
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NUPRO IND CORP (Continued)

S120679284

Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	PHILADELPHIA, PA 19134
Reason Load Was Rejected:	Not reported

A5	KEYSTONE AUTO REPAIR SHOP	EDR Hist Auto	1009089674
SSW	2921 E		N/A
< 1/8	PHILADELPHIA, PA		
0.049 mi.			
261 ft.	Site 4 of 4 in cluster A		
Relative:	EDR Hist Auto		
Lower			
Actual:	Year: Name:	Type:	
35 ft.	1925 KEYSTONE AUTO REPAIR SHOP	AUTOMOBILE REPAIRING	

B6	KEYSTONE AUTO REPAIR SHOP	EDR Hist Auto	1009090714
SW	2924 E		N/A
< 1/8	PHILADELPHIA, PA		
0.070 mi.			
370 ft.	Site 1 of 2 in cluster B		
Relative:	EDR Hist Auto		
Lower			
Actual:	Year: Name:	Type:	
35 ft.	1930 KEYSTONE AUTO REPAIR SHOP	AUTOMOBILE REPAIRING	
	2001 KEYSTONE AUTO REPAIR SHOP	General Automotive Repair Shops	
	2002 KEYSTONE AUTO REPAIR SHOP	General Automotive Repair Shops	
	2003 KEYSTONE AUTO REPAIR SHOP	General Automotive Repair Shops	
	2004 KEYSTONE AUTO REPAIR SHOP	General Automotive Repair Shops	

7	SAM LEE	EDR Hist Cleaner	1009196416
North	604 E ALLEGHENY AVE		N/A
< 1/8	PHILADELPHIA, PA		
0.099 mi.			
521 ft.			
Relative:	EDR Hist Cleaner		
Higher			
Actual:	Year: Name:	Type:	
63 ft.	1925 SAM LEE	LAUNDRIES CHINESE	
	1930 SAM LEE	LAUNDRIES CHINESE	

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Elevation	Site	Database(s)	EPA ID Number

C8 ENE < 1/8 0.099 mi. 523 ft.	WING HENRY 3108 G PHILADELPHIA, PA Site 1 of 2 in cluster C Relative: EDR Hist Cleaner Lower Actual: Year: Name: Type: 29 ft. 1930 WING HENRY LAUNDRIES CHINESE	EDR Hist Cleaner	1009197019 N/A
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B9 SW < 1/8 0.107 mi. 566 ft.	CAMPUS CLEANERS 549 E CAMBRIA ST PHILADELPHIA, PA 19134 Site 2 of 2 in cluster B Relative: EDR Hist Cleaner Lower Actual: Year: Name: Type: 33 ft. 2007 CAMPUS CLEANERS Drycleaning Plants, Except Rugs	EDR Hist Cleaner	1019947975 N/A
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D10 SSW 1/8-1/4 0.135 mi. 711 ft.	MORRIS AUTO PARTS CO 2861 KENSINGTON AVE PHILADELPHIA, PA 19134 Site 1 of 2 in cluster D Relative: RCRA-SQG: Lower Date form received by agency: 09/04/1986 Actual: Facility name: MORRIS AUTO PARTS CO 31 ft. Facility address: 2861 KENSINGTON AVE PHILADELPHIA, PA 19134 EPA ID: PAD014765671 Contact: GENE STEINBERG Contact address: 2861 KENSINGTON AVE PHILADELPHIA, PA 19134 Contact country: US Contact telephone: 215-425-0801 Contact email: Not reported EPA Region: 03 Classification: Small Small Quantity Generator Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time Owner/Operator Summary: Owner/operator name: STEINBERG, GENE Owner/operator address: OWNERSTREET OWNERCITY, AK 99999 Owner/operator country: Not reported Owner/operator telephone: 215-555-1212 Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: Private	RCRA-SQG FINDS ECHO	1000362403 PAD014765671
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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MORRIS AUTO PARTS CO (Continued)

1000362403

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

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

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

Handler Activities Summary:

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

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110001010557

Environmental Interest/Information System

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MORRIS AUTO PARTS CO (Continued)

1000362403

that DEP regulates.

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

ECHO:

Envid: 1000362403
Registry ID: 110001010557
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110001010557>

C11
East
1/8-1/4
0.143 mi.
755 ft.

WHIZ 1 HOUR CLNR
3119 KENSINGTON AVE
PHILADELPHIA, PA 19034
Site 2 of 2 in cluster C

RCRA-SQG **1001203422**
FINDS **PAR000030833**
ECHO

Relative:
Lower
Actual:
28 ft.

RCRA-SQG:
Date form received by agency: 09/03/1997
Facility name: WHIZ 1 HOUR CLNR
Facility address: 3119 KENSINGTON AVE
PHILADELPHIA, PA 19034
EPA ID: PAR000030833
Contact: DAEWOR KIM
Contact address: 3119 KENSINGTON AVE
PHILADELPHIA, PA 19034
Contact country: US
Contact telephone: 215-739-4911
Contact email: Not reported
EPA Region: 03
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: KIM YOUNGHWHA
Owner/operator address: 3119 KENSINGTON AVE
PHILADELPHIA, PA 19034
Owner/operator country: Not reported
Owner/operator telephone: 215-739-4911
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WHIZ 1 HOUR CLNR (Continued)

1001203422

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLOROETHYLENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110007800004

Environmental Interest/Information System

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

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

ECHO:

Envid: 1001203422
Registry ID: 110007800004
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110007800004>

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

12
East
1/8-1/4
0.153 mi.
809 ft.

FOWLER TRUCKING/JOHN F
1827 E CLEARFIELD
PHILADELPHIA, PA 19134

RCRA NonGen / NLR
FINDS
ECHO

1000280396
PAD001740588

Relative:
Lower

RCRA NonGen / NLR:

Actual:
28 ft.

Date form received by agency: 08/18/1980
Facility name: FOWLER TRUCKING/JOHN F
Facility address: 1827 E CLEARFIELD
PHILADELPHIA, PA 19134
EPA ID: PAD001740588
Contact: ENVIRONMENTAL COORDINATOR
Contact address: 1827 E CLEARFIELD
PHILADELPHIA, PA 19134
Contact country: US
Contact telephone: 215-555-1212
Contact email: Not reported
EPA Region: 03
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

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

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

Owner/operator name: Not reported
Owner/operator address: OWNERSTREET
OWNERCITY, AK 99999

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

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FOWLER TRUCKING/JOHN F (Continued)

1000280396

Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110004831736

Environmental Interest/Information System

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

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

ECHO:

Envid: 1000280396
 Registry ID: 110004831736
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004831736>

**E13
 NW
 1/8-1/4
 0.153 mi.
 810 ft.**

**PHILADELPHIA SD ELKIN ANNEX SALVATION ARMY
 3199 D ST
 PHILADELPHIA, PA 19134**

**PA MANIFEST S112069961
 N/A**

Site 1 of 4 in cluster E

**Relative:
 Higher
 Actual:
 64 ft.**

Manifest Details:
 Year: 2011
 Manifest Number: 008204514JJK
 Manifest Type: TSD Copy
 Generator EPA Id: PADEP0016319
 Generator Date: 04/06/2011
 Mailing Address: Not reported
 Mailing City, St, Zip: Not reported
 Contact Name: Not reported
 Contact Phone: Not reported
 TSD EPA Id: PAD067098822
 TSD Date: Not reported
 TSD Facility Name: CYCLE CHEM INC
 TSD Facility Address: 550 INDUSTRIAL DRIVE
 TSD Facility City: LEWISBERRY
 TSD Facility State: PA
 Facility Telephone: Not reported
 Page Number: 1
 Line Number: 1
 Waste Number: F003
 Container Number: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHILADELPHIA SD ELKIN ANNEX SALVATION ARMY (Continued)

S112069961

Container Type: Metal drums, barrels, kegs
Waste Quantity: 250
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2011
Manifest Number: 008204514JJK
Manifest Type: TSD Copy
Generator EPA Id: PADEP0016319
Generator Date: 04/06/2011
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: F005
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 250
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2011
Manifest Number: 008204514JJK
Manifest Type: TSD Copy
Generator EPA Id: PADEP0016319
Generator Date: 04/06/2011
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D001
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 250
Unit: Pounds

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHILADELPHIA SD ELKIN ANNEX SALVATION ARMY (Continued)

S112069961

Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

D14
SSW
1/8-1/4
0.157 mi.
827 ft.

AUTO SVC CTR
1824 E CAMBRIA ST
PHILADELPHIA, PA 19134

Site 2 of 2 in cluster D

RCRA-CESQG 1004776723
FINDS PAR000016311
ECHO
NY MANIFEST

Relative:
Lower

RCRA-CESQG:

Date form received by agency: 02/05/1996

Actual:
29 ft.

Facility name:

AUTO SVC CTR

Facility address:

1824 E CAMBRIA ST
PHILADELPHIA, PA 19134

EPA ID:

PAR000016311

Contact:

MARIO TOSTO

Contact address:

1824 E CAMBRIA ST
PHILADELPHIA, PA 19134

Contact country:

US

Contact telephone:

215-739-7539

Contact email:

Not reported

EPA Region:

03

Classification:

Conditionally Exempt Small Quantity Generator

Description:

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

Owner/Operator Summary:

Owner/operator name:

Owner/operator address:

OWNERSTREET
OWNERCITY, AK 99999

Owner/operator country:

Not reported

Owner/operator telephone:

215-555-1212

Owner/operator email:

Not reported

Owner/operator fax:

Not reported

Owner/operator extension:

Not reported

Legal status:

Private

Owner/Operator Type:

Owner

Owner/Op start date:

Not reported

Owner/Op end date:

Not reported

Owner/operator name:

AUTO SVC CTR

Owner/operator address:

1824 E CAMBRIA ST
PHILADELPHIA, PA 19134

Owner/operator country:

Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTO SVC CTR (Continued)

1004776723

Owner/operator telephone: 215-739-7539
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

FINDS:

Registry ID: 110000991516

Environmental Interest/Information System

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

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

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

ECHO:

Envid: 1004776723

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTO SVC CTR (Continued)

1004776723

Registry ID: 110000991516
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000991516>

NY MANIFEST:

Country: USA
EPA ID: PAR000016311
Facility Status: Not reported
Location Address 1: 1824 EAST CAMBRIA STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: PHILADELPHIA
Location State: PA
Location Zip: 19134
Location Zip 4: Not reported

NY MANIFEST:

EPAID: PAR000016311
Mailing Name: AUTO SERVICE CENTER
Mailing Contact: MARIO TOSTO
Mailing Address 1: 1824 EAST CAMBRIA STREET
Mailing Address 2: Not reported
Mailing City: PHILADELPHIA
Mailing State: PA
Mailing Zip: 19134
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2157397539

NY MANIFEST:

Document ID: NYC4297634
Manifest Status: K
seq: Not reported
Year: 1996
Trans1 State ID: PAYV89155
Trans2 State ID: Not reported
Generator Ship Date: 10/02/1996
Trans1 Recv Date: 10/02/1996
Trans2 Recv Date: / /
TSD Site Recv Date: 10/08/1996
Part A Recv Date: / /
Part B Recv Date: 10/25/1996
Generator EPA ID: PAR000016311
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID 1: NYD000708198
TSD ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTO SVC CTR (Continued)

1004776723

Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00012
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 003
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

E15 ELKIN 526 PA UNREG LTANKS S105919538
NW D ST & ALLEGHENY AVE N/A

1/8-1/4 PHILADELPHIA, PA
0.158 mi.
836 ft. Site 2 of 4 in cluster E

Relative: UNREG LTANKS:
Higher Region: South East
Contaminant: BTEX
Actual: **Closed: Not reported**
64 ft. Class: Cleanup of Tanks using authorities other than Act 32

E16 ELKIN SCHOOL PA MANIFEST S116737233
NW D & ALLEGHENY STREETS N/A

1/8-1/4 PHILADELPHIA, PA 19134
0.158 mi.
836 ft. Site 3 of 4 in cluster E

Relative: Manifest Details:
Higher Year: 2013
Actual: Manifest Number: 010991706JJK
64 ft. Manifest Type: TSD Copy
Generator EPA Id: PADEP0018093
Generator Date: 10/08/2013
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Cycle Chem Inc
TSD Facility Address: 550 Industrial Rd
TSD Facility City: Lewisberry
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELKIN SCHOOL (Continued)

S116737233

Waste Number: D001
Container Number: 2
Container Type: Metal drums, barrels, kegs
Waste Quantity: 110
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: PAD067098822
Date TSP Sig: Not reported

**E17
NW
1/8-1/4
0.158 mi.
836 ft.**

**ELKIN SCHOOL 526
D ST & ALLEGHENY AVE
PHILADELPHIA, PA 19134**

**PA ARCHIVE UST S111109986
N/A**

Site 4 of 4 in cluster E

**Relative:
Higher**

ARCHIVE UST:

**Actual:
64 ft.**

Facility Id: 51-41334
Site ID: Not reported
Municipality: Not reported
Client Date: Not reported
Owner Id: 11285
Owner Name: SCHOOL DISTRICT OF PHILADELPHIA
Owner Address: 21ST STREET & PARKWAY
Owner Address 2: Not reported
Owner City,St,Zip: PHILADELPHIA, PA 19103
Owner Phone: 2152997000
Owner County Code: 51
Resp Party Name: Not reported
RP Address: Not reported
RP Address 2: Not reported
RP City,St,Zip: Not reported
Region Code Name: Not reported
Regulated Expire Date: Not reported

Tank Sequence #: 003
Tank Id: 127346
Status: Not reported
Status Code End Date: Not reported
Capacity: 12000
Substance: HEATING OIL
Tank Substance End Date: Not reported
Install Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: Not reported
Chemical Name: Not reported
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: Not reported
Contact Name: Not reported
Company: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

18
NE
1/8-1/4
0.167 mi.
882 ft.

RONALD TURNER PROP
767 E ALLEGHENY AVE
PHILADELPHIA, PA 19134

PA ARCHIVE UST **S119705684**
N/A

Relative:
Higher
Actual:
41 ft.

ARCHIVE UST:

Facility Id:	51-44898
Site ID:	Not reported
Municipality:	Philadelphia City
Client Date:	Not reported
Owner Id:	Not reported
Owner Name:	RONALD T TURNER
Owner Address:	5111 MALLARD DR
Owner Address 2:	Not reported
Owner City,St,Zip:	BENSALEM, PA 19020-3944
Owner Phone:	Not reported
Owner County Code:	Not reported
Resp Party Name:	Not reported
RP Address:	Not reported
RP Address 2:	Not reported
RP City,St,Zip:	Not reported
Region Code Name:	Not reported
Regulated Expire Date:	Not reported
Tank Sequence #:	002
Tank Id:	Not reported
Status:	Closed Without a Permit
Status Code End Date:	Not reported
Capacity:	500
Substance:	Gasoline
Tank Substance End Date:	Not reported
Install Date:	Not reported
Tank Code:	UST
Inspection Code:	Not reported
Last Inspection:	Not reported
Substance Type:	P
CASRN for Hazardous Substances:	Not reported
Chemical Name:	Not reported
Other Information Regarding The Tank Substance:	Not reported
Undeliverable Address Ind.:	N
Contact Name:	UNKNOWN
Company:	Not reported
Tank Sequence #:	001
Tank Id:	Not reported
Status:	Closed Without a Permit
Status Code End Date:	Not reported
Capacity:	1000
Substance:	Gasoline
Tank Substance End Date:	Not reported
Install Date:	Not reported
Tank Code:	UST
Inspection Code:	Not reported
Last Inspection:	Not reported
Substance Type:	P
CASRN for Hazardous Substances:	Not reported
Chemical Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RONALD TURNER PROP (Continued)

S119705684

Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: UNKNOWN
Company: Not reported

F19
SE
1/8-1/4
0.177 mi.
936 ft.

WILLARD ELEM SCH
1930 E ELKHART ST
PHILADELPHIA, PA 19134

PA VCP **S109030014**
N/A

Site 1 of 3 in cluster F

Relative:
Lower

VCP:

Actual:
29 ft.

Activity:

Activity ID: 706185,

Cleanup Records:

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Inorganics
Type: Site In Progress
LRP Activity Number: 39063
Remediation: Site-Specific Standard
Activity: Not reported
Date Approved: Not reported
Date Received: 05/01/2008
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: 39.9925
Longitude: -75.115

F20
SE
1/8-1/4
0.177 mi.
936 ft.

WILLARD SCHOOL PHILADELPHIA SCHOOL DISTRICT
1930 EAST ELKHART STREET
PHILADELPHIA, PA 19134

PA MANIFEST **S111431578**
N/A

Site 2 of 3 in cluster F

Relative:
Lower

Manifest Details:

Actual:
29 ft.

Year: 2009
Manifest Number: 000854740JJK
Manifest Type: TSD Copy
Generator EPA Id: PADEP0014881
Generator Date: 05/20/2009
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: NULL
TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLARD SCHOOL PHILADELPHIA SCHOOL DISTRICT (Continued)

S111431578

Waste Number: D001
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 5
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2009
Manifest Number: 000854740JJK
Manifest Type: TSD Copy
Generator EPA Id: PADEP0014881
Generator Date: 05/20/2009
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: NULL
TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported

Page Number: 1
Line Number: 3
Waste Number: D001
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 55
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2009
Manifest Number: 000854740JJK
Manifest Type: TSD Copy
Generator EPA Id: PADEP0014881
Generator Date: 05/20/2009
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: NULL
TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 4
Waste Number: NONE
Container Number: 1
Container Type: Metal drums, barrels, kegs

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WILLARD SCHOOL PHILADELPHIA SCHOOL DISTRICT (Continued)

S111431578

Waste Quantity: 55
 Unit: Gallons (liquids only)
 Handling Code: Not reported
 TSP EPA Id: Not reported
 Date TSP Sig: Not reported

Year: 2009
 Manifest Number: 000854740JJK
 Manifest Type: TSD Copy
 Generator EPA Id: PADEP0014881
 Generator Date: 05/20/2009
 Mailing Address: Not reported
 Mailing City, St, Zip: Not reported
 Contact Name: Not reported
 Contact Phone: NULL
 TSD EPA Id: PAD067098822
 TSD Date: Not reported
 TSD Facility Name: CYCLE CHEM INC
 TSD Facility Address: 550 INDUSTRIAL DRIVE
 TSD Facility City: LEWISBERRY
 TSD Facility State: PA
 Facility Telephone: Not reported
 Page Number: 1
 Line Number: 2
 Waste Number: D001
 Container Number: 1
 Container Type: Metal drums, barrels, kegs
 Waste Quantity: 55
 Unit: Gallons (liquids only)
 Handling Code: Not reported
 TSP EPA Id: Not reported
 Date TSP Sig: Not reported

**G21
 ESE
 1/8-1/4
 0.181 mi.
 955 ft.**

**CONWELL
 JASPER & CLEARFIELD ST
 PHILADELPHIA, PA
 Site 1 of 3 in cluster G**

**PA UNREG LTANKS S105919509
 N/A**

**Relative:
 Lower
 Actual:
 29 ft.**

UNREG LTANKS:
 Region: South East
 Contaminant: AVIATION GASOLINE
 Closed: 10/16/1995
 Class: Cleanup of Tanks using authorities other than Act 32

**G22
 ESE
 1/8-1/4
 0.181 mi.
 955 ft.**

**CONWELL, RUSSELL H MIDDLE
 JASPER & CLEARFIELD STS
 PHILADELPHIA, PA 19134
 Site 2 of 3 in cluster G**

**RCRA-CESQG 1004773672
 FINDS PAD100483601
 ECHO**

**Relative:
 Lower
 Actual:
 29 ft.**

RCRA-CESQG:
 Date form received by agency: 11/24/1987
 Facility name: CONWELL, RUSSELL H MIDDLE
 Facility address: JASPER & CLEARFIELD STS
 PHILADELPHIA, PA 19134

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONWELL, RUSSELL H MIDDLE (Continued)

1004773672

EPA ID: PAD100483601
Contact: DONALD STEINBERG
Contact address: JASPER & CLEARFIELD STS
PHILADELPHIA, PA 19134
Contact country: US
Contact telephone: 215-299-7771
Contact email: Not reported
EPA Region: 03
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: SCHOOL DIST OF PHILA
Owner/operator address: OWNERSTREET
OWNERCITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: 215-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: District
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: 215-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: District
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONWELL, RUSSELL H MIDDLE (Continued)

1004773672

- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

- . Waste code: D000
- . Waste name: Not Defined

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D003
- . Waste name: REACTIVE WASTE

- . Waste code: F008
- . Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

- . Waste code: F011
- . Waste name: SPENT CYANIDE SOLUTIONS FROM SLAT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.

- . Waste code: K069
- . Waste name: EMISSION CONTROL DUST/SLUDGE FROM SECONDARY LEAD SMELTING.

- . Waste code: U002
- . Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

- . Waste code: U019
- . Waste name: BENZENE (I,T)

- . Waste code: U031
- . Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

- . Waste code: U044
- . Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

- . Waste code: U045
- . Waste name: METHANE, CHLORO- (I,T) (OR) METHYL CHLORIDE (I,T)

- . Waste code: U108
- . Waste name: 1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE

- . Waste code: U117
- . Waste name: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

- . Waste code: U122

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONWELL, RUSSELL H MIDDLE (Continued)

1004773672

- . Waste name: FORMALDEHYDE
- . Waste code: U151
- . Waste name: MERCURY
- . Waste code: U154
- . Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)
- . Waste code: U188
- . Waste name: PHENOL
- . Waste code: U211
- . Waste name: CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-
- . Waste code: U220
- . Waste name: BENZENE, METHYL- (OR) TOLUENE
- . Waste code: U239
- . Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Violation Status: No violations found

FINDS:

Registry ID: 110059917452

Environmental Interest/Information System

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ECHO:

Envid: 1004773672
Registry ID: 110059917452
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110059917452>

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

G23 **CONWELL MIDDLE SCHOOL 523**
ESE **JASPER & CLEARFIELD ST**
1/8-1/4 **PHILADELPHIA, PA 19134**
0.181 mi.
955 ft. **Site 3 of 3 in cluster G**

PA ARCHIVE UST **S111109063**
N/A

Relative:
Lower
Actual:
29 ft.

ARCHIVE UST:
Facility Id: 51-44769
Site ID: Not reported
Municipality: Not reported
Client Date: Not reported
Owner Id: 11285
Owner Name: SCHOOL DISTRICT OF PHILADELPHIA
Owner Address: 21ST STREET & PARKWAY
Owner Address 2: Not reported
Owner City,St,Zip: PHILADELPHIA, PA 19103
Owner Phone: 2152997000
Owner County Code: 51
Resp Party Name: Not reported
RP Address: Not reported
RP Address 2: Not reported
RP City,St,Zip: Not reported
Region Code Name: Not reported
Regulated Expire Date: Not reported

Tank Sequence #: 002
Tank Id: 133495
Status: Not reported
Status Code End Date: Not reported
Capacity: 8000
Substance: HEATING OIL
Tank Substance End Date: Not reported
Install Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: Not reported
Chemical Name: Not reported
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: Not reported
Contact Name: Not reported
Company: Not reported

24 **ALDINE MANUFACTURING CO INC**
WNW **NW C CLEARFIELD ST**
1/8-1/4 **PHILADELPHIA, PA 19134**
0.191 mi.
1009 ft.

RCRA NonGen / NLR **1000256085**
PAD002267433

Relative:
Higher
Actual:
53 ft.

RCRA NonGen / NLR:
Date form received by agency: 08/23/2017
Facility name: ALDINE MANUFACTURING CO INC
Facility address: NW C CLEARFIELD ST
PHILADELPHIA, PA 19134

EPA ID: PAD002267433
Contact: Not reported
Contact address: Not reported
Contact country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALDINE MANUFACTURING CO INC (Continued)

1000256085

Contact telephone: Not reported
Contact email: Not reported
EPA Region: 03
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 02/11/1981
Site name: ALDINE MANUFACTURING CO INC
Classification: Not a generator, verified

Date form received by agency: 07/14/1980
Site name: ALDINE MANUFACTURING CO INC
Classification: Not a generator, verified

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

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALDINE MANUFACTURING CO INC (Continued)

1000256085

ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Violation Status: No violations found

H25
SSE
1/8-1/4
0.192 mi.
1013 ft.

WILLARD ELEMENTARY SCHOOL
EMERALD & ORLEANS STS
PHILADELPHIA, PA 19134

PA MANIFEST S111772759
N/A

Site 1 of 3 in cluster H

Relative:
Lower
Actual:
29 ft.

Manifest Details:

Year: 2009
Manifest Number: 001048956GBF
Manifest Type: TSD Copy
Generator EPA Id: PADEP0015354
Generator Date: 12/23/2009
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: NULL
TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 3
Waste Number: D001
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 5
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2009
Manifest Number: 001048956GBF
Manifest Type: TSD Copy
Generator EPA Id: PADEP0015354
Generator Date: 12/23/2009
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: NULL
TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLARD ELEMENTARY SCHOOL (Continued)

S111772759

Line Number: 1
Waste Number: D001
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 50
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2009
Manifest Number: 001048956GBF
Manifest Type: TSD Copy
Generator EPA Id: PADEP0015354
Generator Date: 12/23/2009
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: NULL
TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 2
Waste Number: NONE
Container Number: 2
Container Type: Metal drums, barrels, kegs
Waste Quantity: 110
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

H26 WILLARD SCHOOL
SSE EMERALD & ORLEANS STREET
1/8-1/4 PHILADELPHIA, PA 19134

PA MANIFEST S113740070
N/A

0.192 mi.
1013 ft. Site 2 of 3 in cluster H

Relative: Manifest Details:
Lower Year: 2012
Manifest Number: 009581651JJK
Manifest Type: TSD Copy
Generator EPA Id: PADEP0017570
Generator Date: 12/10/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DR
TSD Facility City: LEWISBERRY

Actual:
29 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLARD SCHOOL (Continued)

S113740070

TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D001
Container Number: 2
Container Type: Metal drums, barrels, kegs
Waste Quantity: 110
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: PAD067098822
Date TSP Sig: Not reported

**F27
SE
1/8-1/4
0.198 mi.
1043 ft.**

**CONWELL MIDDLE SCHOOL ANNEX
3076 EMERALD STREET
PHILADELPHIA, PA 19134**

**PA MANIFEST S111431607
N/A**

Site 3 of 3 in cluster F

**Relative:
Lower**

Manifest Details:

**Actual:
29 ft.**

Year: 2009
Manifest Number: 000853599JJK
Manifest Type: TSD Copy
Generator EPA Id: PADEP0014933
Generator Date: 06/24/2009
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: NULL
TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D001
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 30
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2009
Manifest Number: 000853599JJK
Manifest Type: TSD Copy
Generator EPA Id: PADEP0014933
Generator Date: 06/24/2009
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: NULL
TSD EPA Id: PAD067098822
TSD Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONWELL MIDDLE SCHOOL ANNEX (Continued)

S111431607

TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 3
Waste Number: D002
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 5
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2009
Manifest Number: 000853599JJK
Manifest Type: TSD Copy
Generator EPA Id: PADEP0014933
Generator Date: 06/24/2009
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: NULL
TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 2
Waste Number: D002
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 5
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2009
Manifest Number: 000853599JJK
Manifest Type: TSD Copy
Generator EPA Id: PADEP0014933
Generator Date: 06/24/2009
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: NULL
TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CONWELL MIDDLE SCHOOL ANNEX (Continued)

S111431607

TSD Facility State: PA
 Facility Telephone: Not reported
 Page Number: 1
 Line Number: 4
 Waste Number: NONE
 Container Number: 1
 Container Type: Fiberboard or plastic drums, barrels, kegs
 Waste Quantity: 30
 Unit: Pounds
 Handling Code: Not reported
 TSP EPA Id: Not reported
 Date TSP Sig: Not reported

I28
West
1/8-1/4
0.214 mi.
1128 ft.

NORTEX INTL
INDIANA & C ST
PHILADELPHIA, PA

PA UNREG LTANKS

S105919678
N/A

Site 1 of 2 in cluster I

Relative:
Higher
Actual:
41 ft.

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

I29
West
1/8-1/4
0.214 mi.
1128 ft.

PHILADELPHIA PLANT
C ST & INDIANA AVE
PHILADELPHIA, PA 19124

PA ARCHIVE UST

S111114869
N/A

Site 2 of 2 in cluster I

Relative:
Higher
Actual:
41 ft.

ARCHIVE UST:
 Facility Id: 51-44363
 Site ID: Not reported
 Municipality: Not reported
 Client Date: Not reported
 Owner Id: 18515
 Owner Name: QUAKER FABRIC CORP
 Owner Address: 941 GRINNELL ST
 Owner Address 2: Not reported
 Owner City,St,Zip: FALL RIVER, MA 02721
 Owner Phone: 5086781951
 Owner County Code: 99
 Resp Party Name: Not reported
 RP Address: Not reported
 RP Address 2: Not reported
 RP City,St,Zip: Not reported
 Region Code Name: Not reported
 Regulated Expire Date: Not reported

 Tank Sequence #: 001
 Tank Id: 95633
 Status: Not reported
 Status Code End Date: Not reported
 Capacity: 10000
 Substance: HEATING OIL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHILADELPHIA PLANT (Continued)

S111114869

Tank Substance End Date: Not reported
Install Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: Not reported
Chemical Name: Not reported
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: Not reported
Contact Name: Not reported
Company: Not reported

H30
SSE
1/8-1/4
0.224 mi.
1184 ft.

LONDON WREATH CO
2014 E ORLEANS ST
PHILADELPHIA, PA 19134

RCRA NonGen / NLR **1000190971**
FINDS **PAD002280204**
ECHO

Site 3 of 3 in cluster H

Relative:
Lower

RCRA NonGen / NLR:

Actual:
29 ft.

Date form received by agency: 08/18/1980
Facility name: LONDON WREATH CO
Facility address: 2014 E ORLEANS ST
PHILADELPHIA, PA 19134
EPA ID: PAD002280204
Contact: ENVIRONMENTAL COORDINATOR
Contact address: 2014 E ORLEANS ST
PHILADELPHIA, PA 19134
Contact country: US
Contact telephone: 215-555-1212
Contact email: Not reported
EPA Region: 03
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: 215-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: Not reported
Owner/operator address: OWNERSTREET
OWNERCITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: 215-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LONDON WREATH CO (Continued)

1000190971

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Violation Status: No violations found

FINDS:

Registry ID: 110004832316

Environmental Interest/Information System

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

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

ECHO:

Envid: 1000190971
Registry ID: 110004832316
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004832316>

31
South
1/8-1/4
0.228 mi.
1204 ft.

HAMADA INC
2858 EMERALD ST
PHILADELPHIA, PA 19134

PA ARCHIVE UST S111111168
N/A

Relative:
Lower
Actual:
27 ft.

ARCHIVE UST:
Facility Id: 51-10195
Site ID: Not reported
Municipality: Not reported
Client Date: Not reported
Owner Id: 2932

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HAMADA INC (Continued)

S111111168

Owner Name: HAMADA INC
Owner Address: 2848 FRANKFORD AVE
Owner Address 2: Not reported
Owner City,St,Zip: PHILADELPHIA, PA 19134
Owner Phone: 2154272100
Owner County Code: 51
Resp Party Name: Not reported
RP Address: Not reported
RP Address 2: Not reported
RP City,St,Zip: Not reported
Region Code Name: Not reported
Regulated Expire Date: Not reported

Tank Sequence #: 001
Tank Id: 48262
Status: Not reported
Status Code End Date: Not reported
Capacity: 6000
Substance: GASOLINE
Tank Substance End Date: Not reported
Install Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: Not reported
Chemical Name: Not reported
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: Not reported
Contact Name: Not reported
Company: Not reported

Tank Sequence #: 002
Tank Id: 48263
Status: Not reported
Status Code End Date: Not reported
Capacity: 6000
Substance: GASOLINE
Tank Substance End Date: Not reported
Install Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: Not reported
Chemical Name: Not reported
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: Not reported
Contact Name: Not reported
Company: Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

J32 NW 1/8-1/4 0.239 mi. 1260 ft.	INTL NATL HOBBY 413 E ALLEGHENY AVE PHILADELPHIA, PA 19134 Site 1 of 2 in cluster J	PA ARCHIVE UST	S119705731 N/A
--	--	-----------------------	---------------------------------

Relative: Higher Actual: 60 ft.	ARCHIVE UST: Facility Id: 51-45445 Site ID: Not reported Municipality: Philadelphia City Client Date: Not reported Owner Id: Not reported Owner Name: MEADOWBROOK TRADING CORP Owner Address: 1240 GILBERT RD Owner Address 2: Not reported Owner City,St,Zip: MEADOWBROOK, PA 19046 Owner Phone: Not reported Owner County Code: Not reported Resp Party Name: Not reported RP Address: Not reported RP Address 2: Not reported RP City,St,Zip: Not reported Region Code Name: Not reported Regulated Expire Date: Not reported Tank Sequence #: 001 Tank Id: Not reported Status: Closed Without a Permit Status Code End Date: Not reported Capacity: 8000 Substance: Heating Oil Tank Substance End Date: Not reported Install Date: 01/01/1968 Tank Code: UST Inspection Code: Not reported Last Inspection: Not reported Substance Type: P CASRN for Hazardous Substances: Not reported Chemical Name: Not reported Other Information Regarding The Tank Substance: Not reported Undeliverable Address Ind.: N Contact Name: UNKNOWN Company: Not reported		
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J33 NW 1/8-1/4 0.239 mi. 1260 ft.	INTL HOBBY 413 E ALLEGHENY AVE PHILADELPHIA, PA Site 2 of 2 in cluster J	PA UNREG LTANKS	S105919602 N/A
--	---	------------------------	---------------------------------

Relative: Higher Actual: 60 ft.	UNREG LTANKS: Region: South East Contaminant: BTEX Closed: 2/18/1998 Class: Cleanup of Tanks using authorities other than Act 32		
--	--	--	--

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID NO 226 (Continued)

1016144695

Contact address: 30 HUNTER LANE
CAMP HILL, PA 17011
Contact country: US
Contact telephone: 717-975-8643
Contact email: EHS@RITEAID.COM
EPA Region: 03
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: KEYSTONE CENTERS INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 02/22/1999
Owner/Op end date: Not reported

Owner/operator name: CASCADE GARDEN APARTMENTS INC
Owner/operator address: PO BOX 5904
CAREFREE, AZ 85377
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 02/26/1999
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID NO 226 (Continued)

1016144695

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: D026
. Waste name: CRESOL

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID NO 226 (Continued)

1016144695

WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

- . Waste code: P042
- . Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

- . Waste code: P075
- . Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

- . Waste code: P081
- . Waste name: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

- . Waste code: U002
- . Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

- . Waste code: U035
- . Waste name: BENZENE BUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

- . Waste code: U044
- . Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

- . Waste code: U058
- . Waste name: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

- . Waste code: U072
- . Waste name: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

- . Waste code: U122
- . Waste name: FORMALDEHYDE

- . Waste code: U129
- . Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

- . Waste code: U154
- . Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

- . Waste code: U165
- . Waste name: NAPHTHALENE

- . Waste code: U205
- . Waste name: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

- . Waste code: U211
- . Waste name: CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-

- . Waste code: U279
- . Waste name: CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE

Historical Generators:

Date form received by agency: 03/29/2016
Site name: RITE AID 226
Classification: Conditionally Exempt Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID NO 226 (Continued)

1016144695

- . Waste code: P001
- . Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

- . Waste code: P042
- . Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

- . Waste code: P075
- . Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

- . Waste code: P081
- . Waste name: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Date form received by agency: 09/11/2015
Site name: RITE AID NO 226
Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D005
- . Waste name: BARIUM

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D009
- . Waste name: MERCURY

- . Waste code: D010
- . Waste name: SELENIUM

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D018
- . Waste name: BENZENE

- . Waste code: D019
- . Waste name: CARBON TETRACHLORIDE

- . Waste code: D024
- . Waste name: M-CRESOL

- . Waste code: D026

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID NO 226 (Continued)

1016144695

. Waste name: CRESOL

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P042
. Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

. Waste code: P075
. Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

. Waste code: P081
. Waste name: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U035
. Waste name: BENZENE BUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

. Waste code: U058
. Waste name: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

. Waste code: U072
. Waste name: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U129
. Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U205
. Waste name: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

. Waste code: U211

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID NO 226 (Continued)

1016144695

. Waste name: CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-

. Waste code: U279

. Waste name: CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE

Date form received by agency: 01/03/2013

Site name: RITE AID NO 226

Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D002

. Waste name: CORROSIVE WASTE

. Waste code: D007

. Waste name: CHROMIUM

. Waste code: D009

. Waste name: MERCURY

. Waste code: D010

. Waste name: SELENIUM

. Waste code: D024

. Waste name: M-CRESOL

. Waste code: P001

. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P075

. Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-(S)-, & SALTS

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: P001

Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Amount (Lbs): 2.6

Waste code: P075

Waste name: NICOTINE, & SALTS

Amount (Lbs): 8.6

Violation Status: No violations found

FINDS:

Registry ID: 110055416544

Environmental Interest/Information System

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RITE AID NO 226 (Continued)

1016144695

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

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

HAZARDOUS WASTE BIENNIAL REPORTER

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

ECHO:

Envid: 1016144695
 Registry ID: 110055416544
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110055416544>

**K36
 NW
 1/8-1/4
 0.248 mi.
 1311 ft.**

**RITE AID 00226
 338 EAST ALLEGHENY AVENUE
 PHILADELPHIA, PA 19134**

**PA MANIFEST S116739217
 N/A**

Site 3 of 3 in cluster K

**Relative:
 Higher
 Actual:
 56 ft.**

Manifest Details:
 Year: 2014
 Manifest Number: 012150398JJK
 Manifest Type: TSD Copy
 Generator EPA Id: PAR000536052
 Generator Date: 04/10/2014
 Mailing Address: Not reported
 Mailing City, St, Zip: Not reported
 Contact Name: Not reported
 Contact Phone: Not reported
 TSD EPA Id: Not reported
 TSD Date: Not reported
 TSD Facility Name: Envirite of Pennsylvania Inc
 TSD Facility Address: 730 Vogelsong Rd
 TSD Facility City: York
 TSD Facility State: PA
 Facility Telephone: Not reported
 Page Number: 1
 Line Number: 2
 Waste Number: U044
 Container Number: 1
 Container Type: Fiberboard or plastic drums, barrels, kegs
 Waste Quantity: 1
 Unit: Pounds
 Handling Code: Not reported
 TSP EPA Id: PAD010154045
 Date TSP Sig: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID 00226 (Continued)

S116739217

Year: 2014
Manifest Number: 012150398JJK
Manifest Type: TSD Copy
Generator EPA Id: PAR000536052
Generator Date: 04/10/2014
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Envirite of Pennsylvania Inc
TSD Facility Address: 730 Vogelsong Rd
TSD Facility City: York
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D002
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 4
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD010154045
Date TSP Sig: Not reported

Year: 2014
Manifest Number: 012150398JJK
Manifest Type: TSD Copy
Generator EPA Id: PAR000536052
Generator Date: 04/10/2014
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Envirite of Pennsylvania Inc
TSD Facility Address: 730 Vogelsong Rd
TSD Facility City: York
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 2
Waste Number: D005
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 1
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD010154045
Date TSP Sig: Not reported

Year: 2014
Manifest Number: 012150398JJK
Manifest Type: TSD Copy

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID 00226 (Continued)

S116739217

Generator EPA Id: PAR000536052
Generator Date: 04/10/2014
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Envirite of Pennsylvania Inc
TSD Facility Address: 730 Vogelsong Rd
TSD Facility City: York
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 2
Waste Number: U035
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 1
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD010154045
Date TSP Sig: Not reported

Year: 2014
Manifest Number: 012150398JJK
Manifest Type: TSD Copy
Generator EPA Id: PAR000536052
Generator Date: 04/10/2014
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Envirite of Pennsylvania Inc
TSD Facility Address: 730 Vogelsong Rd
TSD Facility City: York
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 2
Waste Number: U058
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 1
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD010154045
Date TSP Sig: Not reported

Year: 2013
Manifest Number: 010349131JJK
Manifest Type: TSD Copy
Generator EPA Id: PAR000536052
Generator Date: 07/29/2013
Mailing Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID 00226 (Continued)

S116739217

Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Envirite of Pennsylvania Inc
TSD Facility Address: 730 Vogelsong Rd
TSD Facility City: York
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: U002
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 2
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD010154045
Date TSP Sig: Not reported

Year: 2013
Manifest Number: 010349131JJK
Manifest Type: TSD Copy
Generator EPA Id: PAR000536052
Generator Date: 07/29/2013
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Envirite of Pennsylvania Inc
TSD Facility Address: 730 Vogelsong Rd
TSD Facility City: York
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 2
Waste Number: P075
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 1
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD010154045
Date TSP Sig: Not reported

Year: 2013
Manifest Number: 010349131JJK
Manifest Type: TSD Copy
Generator EPA Id: PAR000536052
Generator Date: 07/29/2013
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID 00226 (Continued)

S116739217

TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Envirite of Pennsylvania Inc
TSD Facility Address: 730 Vogelsong Rd
TSD Facility City: York
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 2
Waste Number: P001
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 1
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD010154045
Date TSP Sig: Not reported

Year: 2013
Manifest Number: 010349131JJK
Manifest Type: TSD Copy
Generator EPA Id: PAR000536052
Generator Date: 07/29/2013
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Envirite of Pennsylvania Inc
TSD Facility Address: 730 Vogelsong Rd
TSD Facility City: York
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D018
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 2
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD010154045
Date TSP Sig: Not reported

Year: 2013
Manifest Number: 010349131JJK
Manifest Type: TSD Copy
Generator EPA Id: PAR000536052
Generator Date: 07/29/2013
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Envirite of Pennsylvania Inc

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID 00226 (Continued)

S116739217

TSD Facility Address: 730 Vogelsong Rd
TSD Facility City: York
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D035
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 2
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD010154045
Date TSP Sig: Not reported

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

37
ENE
1/4-1/2
0.267 mi.
1412 ft.

3222-3258 H ST
3222 H ST
PHILADELPHIA, PA 19134

PA VCP **S121802121**
N/A

Relative:
Lower

VCP:

Actual:
34 ft.

Cleanup Records:

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Fuel Oil No 2
Type: Site In Progress
LRP Activity Number: 40880
Remediation: Statewide Health Standard
Activity: Not reported
Date Approved: Not reported
Date Received: 12/13/2017
Date Nonuse: Not reported
ICS Code: Not reported
Media: Groundwater
Latitude: 39.997533
Longitude: -75.113302

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Fuel Oil No 2
Type: Site In Progress
LRP Activity Number: 40880
Remediation: Statewide Health Standard
Activity: Not reported
Date Approved: Not reported
Date Received: 12/13/2017
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: 39.997533
Longitude: -75.113302

Municipality: Philadelphia City

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3222-3258 H ST (Continued)

S121802121

Region: Southeast Region
Category Desc: Lead
Type: Site In Progress
LRP Activity Number: 40880
Remediation: Statewide Health Standard
Activity: Not reported
Date Approved: Not reported
Date Received: 12/13/2017
Date Nonuse: Not reported
ICS Code: Not reported
Media: Groundwater
Latitude: 39.997533
Longitude: -75.113302

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: PAH
Type: Site In Progress
LRP Activity Number: 51392
Remediation: Site-Specific Standard
Activity: Not reported
Date Approved: Not reported
Date Received: 12/13/2017
Date Nonuse: Not reported
ICS Code: Not reported
Media: Groundwater
Latitude: 39.997533
Longitude: -75.113302

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Not reported
Type: Site In Progress
LRP Activity Number: 51392
Remediation: Site-Specific Standard
Activity: Not reported
Date Approved: Not reported
Date Received: 12/13/2017
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: 39.997533
Longitude: -75.113302

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Lead
Type: Site In Progress
LRP Activity Number: 51392
Remediation: Site-Specific Standard
Activity: Not reported
Date Approved: Not reported
Date Received: 12/13/2017
Date Nonuse: Not reported
ICS Code: Not reported
Media: Groundwater
Latitude: 39.997533

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3222-3258 H ST (Continued)

S121802121

Longitude: -75.113302

Activity:

Activity ID: 726309, 726309, 726309, 726309, 726309, 726309, 726309,
Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Lead
Type: Site In Progress
LRP Activity Number: 40880
Remediation: Statewide Health Standard
Activity: Not reported
Date Approved: Not reported
Date Received: 12/13/2017
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: 39.997533
Longitude: -75.113302

38
WNW
1/4-1/2
0.282 mi.
1491 ft.

JOHN WANAMAKER
300 E ALLEGHENY AVE
PHILADELPHIA, PA 19134

PA LUST **S105800685**
PA ARCHIVE UST **N/A**
PA ARCHIVE AST

Relative:
Higher
Actual:
57 ft.

LUST:

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 609449
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 06/27/1997
Confirmed Date: 07/05/1994
Program Other Id: 51-42734
Client: WOODWARD & LOTHROP
Incident Id: 4669
Incident Desc: JOHN WANAMAKER WAREHOUSE
Suspect Date: Not reported
Source Of Notification: Not reported
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Soil
Substance: Diesel Fuel
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 39.998004
Longitude: -75.125312

ARCHIVE UST:

Facility Id: 51-42734
Site ID: Not reported
Municipality: Not reported
Client Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN WANAMAKER (Continued)

S105800685

Owner Id: 16009
Owner Name: WOODWARD & LOTHROP
Owner Address: 4000 TOWN CENTER STE 670
Owner Address 2: Not reported
Owner City,St,Zip: SOUTHFIELD, MI 48075-1411
Owner Phone: 7033295000
Owner County Code: 99
Resp Party Name: Not reported
RP Address: Not reported
RP Address 2: Not reported
RP City,St,Zip: Not reported
Region Code Name: Not reported
Regulated Expire Date: Not reported

Tank Sequence #: 001
Tank Id: 87039
Status: CURRENTLY IN USE
Status Code End Date: Not reported
Capacity: 4000
Substance: DIESEL
Tank Substance End Date: Not reported
Install Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: Not reported
Chemical Name: Not reported
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: Not reported
Contact Name: Not reported
Company: Not reported

ARCHIVE AST:

Facility ID: 51-42734
Site ID: Not reported
Client ID: Not reported
Municipality: Philadelphia City
Region Name: Not reported
Owner ID: Not reported
Owner Name: WOODWARD & LOTHROP
Owner Phone: Not reported
Owner Address: 4000 TOWN CENTER
Owner Address 2: STE 670
Owner City,St,Zip: SOUTHFIELD, MI 48075-1411
Owner County Code: Not reported
Resp Party Name: Not reported
RP Address: Not reported
RP Address 2: Not reported
RP City,St,Zip: Not reported
Regulated Exp Date: Not reported

Tank ID: Not reported
Tank Sequence #: 001A
Install Date: 12/01/1988
Status: Exempt
Status Code End Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JOHN WANAMAKER (Continued)

S105800685

Capacity: 275
 Substance: Used Oil (all forms)
 Tank Substance End Date: Not reported
 Tank Code: AST
 Inspection Code: Not reported
 Last Inspection: Not reported
 Substance Type: P
 CASRN for Hazardous Substances: Not reported
 Chemical Name: Not reported
 Other Information Regarding The Tank Substance: Not reported
 Undeliverable Address Ind.: N
 Contact Name: UNKNOWN
 Company: Not reported

39
South
1/4-1/2
0.286 mi.
1511 ft.

HAMADA ROOFING
2844-2848 FRANKFORD AVE - 2845-2855 EMERALD
PHILADELPHIA, PA 19125

PA VCP S122878814
N/A

Relative:
Lower
Actual:
28 ft.

VCP:

Cleanup Records:

Municipality:	Philadelphia City
Region:	Southeast Region
Category Desc:	Fuel Oil No 2
Type:	Site In Progress
LRP Activity Number:	52376
Remediation:	Statewide Health Standard
Activity:	Not reported
Date Approved:	Not reported
Date Received:	09/05/2018
Date Nonuse:	Not reported
ICS Code:	Not reported
Media:	Groundwater
Latitude:	39.989561
Longitude:	-75.118447

Municipality:	Philadelphia City
Region:	Southeast Region
Category Desc:	Unleaded Gasoline
Type:	Site In Progress
LRP Activity Number:	52376
Remediation:	Statewide Health Standard
Activity:	Not reported
Date Approved:	Not reported
Date Received:	09/05/2018
Date Nonuse:	Not reported
ICS Code:	Not reported
Media:	Groundwater
Latitude:	39.989561
Longitude:	-75.118447

Municipality:	Philadelphia City
Region:	Southeast Region
Category Desc:	Unleaded Gasoline
Type:	Site In Progress
LRP Activity Number:	52377

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HAMADA ROOFING (Continued)

S122878814

Remediation: Site-Specific Standard
Activity: Not reported
Date Approved: Not reported
Date Received: 09/05/2018
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: 39.989561
Longitude: -75.118447

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Fuel Oil No 2
Type: Site In Progress
LRP Activity Number: 52377
Remediation: Site-Specific Standard
Activity: Not reported
Date Approved: Not reported
Date Received: 09/05/2018
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: 39.989561
Longitude: -75.118447

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Unleaded Gasoline
Type: Site In Progress
LRP Activity Number: 52377
Remediation: Site-Specific Standard
Activity: Not reported
Date Approved: Not reported
Date Received: 09/05/2018
Date Nonuse: Not reported
ICS Code: Not reported
Media: Groundwater
Latitude: 39.989561
Longitude: -75.118447

Activity:
Activity ID: 829198, 829198, 829198, 829198, 829198, 829198,
Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Fuel Oil No 2
Type: Site In Progress
LRP Activity Number: 52377
Remediation: Site-Specific Standard
Activity: Not reported
Date Approved: Not reported
Date Received: 09/05/2018
Date Nonuse: Not reported
ICS Code: Not reported
Media: Groundwater
Latitude: 39.989561
Longitude: -75.118447

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

L40
East
1/4-1/2
0.318 mi.
1677 ft.
TECHNITROL INC
1952 E ALLEGHENY AVE
PHILADELPHIA, PA 19134
Site 1 of 2 in cluster L

SEMS-ARCHIVE
CORRACTS
RCRA-TSDF
RCRA NonGen / NLR
2020 COR ACTION
1000243136
PAD002300556

Relative: SEMS Archive:
Lower Site ID: 0304008
EPA ID: PAD002300556
Actual: Cong District: 01
30 ft. FIPS Code: 42101
FF: N
NPL: Not on the NPL
Non NPL Status: Addressed as Part of Another non-NPL Site

SEMS Archive Detail:
Region: 03
Site ID: 0304008
EPA ID: PAD002300556
Site Name: TECHNITROL INC
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1996-01-23 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 03
Site ID: 0304008
EPA ID: PAD002300556
Site Name: TECHNITROL INC
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1990-02-06 05:00:00
Finish Date: 1990-02-06 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 03
Site ID: 0304008
EPA ID: PAD002300556
Site Name: TECHNITROL INC
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1990-05-31 04:00:00
Qual: N
Current Action Lead: EPA Perf

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TECHNITROL INC (Continued)

1000243136

CORRACTS:

EPA ID: PAD002300556
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20130724
Action: CA900NC
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD002300556
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20130724
Action: CA800YE
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD002300556
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20130724
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD002300556
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20130724
Action: CA550RC
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD002300556
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20130724
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD002300556
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20130109
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes,
Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD002300556

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TECHNITROL INC (Continued)

1000243136

EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20130109
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD002300556
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20120724
Action: CA100 - RFI Imposition
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD002300556
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 19911201
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-TSDF:

Date form received by agency: 12/20/2016
Facility name: TECHNITROL INC
Facility address: 1952 E ALLEGHENY AVE
PHILADELPHIA, PA 19134-3122
EPA ID: PAD002300556
Contact: Not reported
Contact address: Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 03
Land type: Other land type
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TECHNITROL INC (Continued)

1000243136

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 03/02/1990
Site name: TECHNITROL, INC.
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 11/19/1980
Site name: TECHNITROL INC PHILA FAC
Classification: Not a generator, verified

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

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 08/18/1980
Site name: TECHNITROL INC PHILA FAC
Classification: Large Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TECHNITROL INC (Continued)

1000243136

- . Waste name: CADMIUM
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D008
- . Waste name: LEAD
- . Waste code: D009
- . Waste name: MERCURY
- . Waste code: D011
- . Waste name: SILVER
- . Waste code: F001
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: U002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TECHNITROL INC (Continued)

1000243136

- . Waste name: 2-PROPANONE (I) (OR) ACETONE (I)
- . Waste code: U121
- . Waste name: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFUOROMETHANE
- . Waste code: U158
- . Waste name: 4,4'-METHYLENEBIS(2-CHLOROANILINE) (OR) BENZENAMINE, 4,4'-METHYLENEBIS[2-CHLORO-
- . Waste code: U159
- . Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
- . Waste code: U160
- . Waste name: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)
- . Waste code: U161
- . Waste name: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-
- . Waste code: U162
- . Waste name: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)
- . Waste code: U220
- . Waste name: BENZENE, METHYL- (OR) TOLUENE
- . Waste code: U226
- . Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM
- . Waste code: U229
- . Waste name: Not Defined
- . Waste code: U238
- . Waste name: CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)
- . Waste code: U239
- . Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Date form received by agency: 01/01/1979
Site name: TECHNITROL INC PHILA FAC
Classification: Large Quantity Generator

Corrective Action Summary:

- Event date: 12/01/1991
- Event: CA PRIORITIZATION-LOW CA PRIORITY

- Event date: 07/24/2012
- Event: INVESTIGATION IMPOSITION

- Event date: 01/09/2013
- Event: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

- Event date: 01/09/2013
- Event: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

- Event date: 07/24/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TECHNITROL INC (Continued)

1000243136

Event: CA PROCESS IS TERMINATED-NO FURTHER ACTION
Event date: 07/24/2013
Event: CA PERFORMANCE STANDARDS ATTAINED - NO CONTROLS NECESSARY
Event date: 07/24/2013
Event: READY FOR ANTICIPATED USE DETERMINATION - READY FOR ANTICIPATED USE
Event date: 07/24/2013
Event: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED
Event date: 07/24/2013
Event: REMEDY DECISION
Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 11/07/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/09/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/05/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/30/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

RCRA NonGen / NLR:

Date form received by agency: 12/20/2016
Facility name: TECHNITROL INC
Facility address: 1952 E ALLEGHENY AVE
PHILADELPHIA, PA 19134-3122
EPA ID: PAD002300556
Contact: Not reported
Contact address: Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 03
Land type: Other land type
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TECHNITROL INC (Continued)

1000243136

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

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 03/02/1990
Site name: TECHNITROL, INC.
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 11/19/1980
Site name: TECHNITROL INC PHILA FAC
Classification: Not a generator, verified

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

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 08/18/1980
Site name: TECHNITROL INC PHILA FAC
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TECHNITROL INC (Continued)

1000243136

- . Waste code: D000
- . Waste name: Not Defined

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D004
- . Waste name: ARSENIC

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D009
- . Waste name: MERCURY

- . Waste code: D011
- . Waste name: SILVER

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

- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHTHLOETHYLENE, 1,1,1-TRICHTHLOETHANE, CHLOROBENZENE, 1,1,2-TRICHTHLO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHTHLOBENZENE, TRICHTHLOFLUOROMETHANE, AND 1,1,2, TRICHTHLOETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TECHNITROL INC (Continued)

1000243136

BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: U002
- . Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

- . Waste code: U121
- . Waste name: METHANE, TRICHLOROFLURO- (OR) TRICHLOROMONOFUOROMETHANE

- . Waste code: U158
- . Waste name: 4,4'-METHYLENEBIS(2-CHLOROANILINE) (OR) BENZENAMINE, 4,4'-METHYLENEBIS[2-CHLORO-

- . Waste code: U159
- . Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

- . Waste code: U160
- . Waste name: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)

- . Waste code: U161
- . Waste name: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-

- . Waste code: U162
- . Waste name: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)

- . Waste code: U220
- . Waste name: BENZENE, METHYL- (OR) TOLUENE

- . Waste code: U226
- . Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

- . Waste code: U229
- . Waste name: Not Defined

- . Waste code: U238
- . Waste name: CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)

- . Waste code: U239
- . Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Date form received by agency: 01/01/1979
Site name: TECHNITROL INC PHILA FAC
Classification: Large Quantity Generator

Corrective Action Summary:

Event date: 12/01/1991

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TECHNITROL INC (Continued)

1000243136

Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 07/24/2012
Event: INVESTIGATION IMPOSITION

Event date: 01/09/2013
Event: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Event date: 01/09/2013
Event: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Event date: 07/24/2013
Event: CA PROCESS IS TERMINATED-NO FURTHER ACTION

Event date: 07/24/2013
Event: CA PERFORMANCE STANDARDS ATTAINED - NO CONTROLS NECESSARY

Event date: 07/24/2013
Event: READY FOR ANTICIPATED USE DETERMINATION - READY FOR ANTICIPATED USE

Event date: 07/24/2013
Event: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED

Event date: 07/24/2013
Event: REMEDY DECISION

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 11/07/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/09/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/05/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/30/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

2020 COR ACTION:

EPA ID: PAD002300556
Region: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TECHNITROL INC (Continued)

1000243136

Action: Remedy Construction

41
West
1/4-1/2
0.329 mi.
1736 ft.

BAKER RES
3031 B GERMANTOWN PIKE
WORCESTER TWP., PA

PA UNREG LTANKS S105919010
N/A

Relative:
Higher
Actual:
48 ft.

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

42
NE
1/4-1/2
0.338 mi.
1782 ft.

842 E THAYER PROP
842 E THAYER ST
PHILADELPHIA, PA

PA VCP S117733441
N/A

Relative:
Higher
Actual:
60 ft.

VCP:
Activity:
Activity ID: 784346,
Cleanup Records:
Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Fuel Oil No 2
Type: Complete Sites
LRP Activity Number: 47628
Remediation: Statewide Health Standard
Activity: NO
Date Approved: 06/01/2015
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: 39.999065
Longitude: -75.113542

43
ESE
1/4-1/2
0.340 mi.
1797 ft.

506 MASTBAUM AUTS
3116 FRANKFORD AVE
PHILADELPHIA, PA 19134

PA LUST S117665593
N/A

Relative:
Lower
Actual:
30 ft.

LUST:
Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 609180
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: **Cleanup Completed**
Status Date: 02/15/1995
Confirmed Date: 09/03/1993
Program Other Id: 51-41379

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

506 MASTBAUM AUTS (Continued)

S117665593

Client: PHILA SCH DIST
Incident Id: 4719
Incident Desc: 51-41379 MASTBAUM HIGH SCH
Suspect Date: Not reported
Source Of Notification: INSTL
Release Discovered: CLOS
Source Cause Of Release: INFNP
Tank: Not reported
Impact Desc: Soil
Substance: Fuel Oil No 2
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 39.992109
Longitude: -75.112167

L44
East
1/4-1/2
0.351 mi.
1853 ft.

SUNOCO 0004 7050
ALLEGHENY AVE & EMERALD ST
PHILADELPHIA, PA 19134

PA LUST 1000329667
PA ARCHIVE UST N/A

Site 2 of 2 in cluster L

Relative:
Lower
Actual:
29 ft.

LUST:
Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608642
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 01/25/2008
Confirmed Date: 02/09/1998
Program Other Id: 51-30270
Client: SUNOCO CHEMICALS INC
Incident Id: 5340
Incident Desc: SUNOCO 0004 7050
Suspect Date: Not reported
Source Of Notification: Not reported
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Ground Water
Substance: Unleaded Gasoline
CAS RN: 71-43-2
Chemical: BENZENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 39.99422
Longitude: -75.111371

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608642
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 01/25/2008
Confirmed Date: 02/09/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO 0004 7050 (Continued)

1000329667

Program Other Id: 51-30270
Client: SUNOCO CHEMICALS INC
Incident Id: 5340
Incident Desc: SUNOCO 0004 7050
Suspect Date: Not reported
Source Of Notification: Not reported
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Ground Water
Substance: Unleaded Gasoline
CAS RN: 98-82-8
Chemical: CUMENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 39.99422
Longitude: -75.111371

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608642
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 01/25/2008
Confirmed Date: 02/09/1998
Program Other Id: 51-30270
Client: SUNOCO CHEMICALS INC
Incident Id: 5340
Incident Desc: SUNOCO 0004 7050
Suspect Date: Not reported
Source Of Notification: Not reported
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Ground Water
Substance: Unleaded Gasoline
CAS RN: 100-41-4
Chemical: ETHYL BENZENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 39.99422
Longitude: -75.111371

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608642
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 01/25/2008
Confirmed Date: 02/09/1998
Program Other Id: 51-30270
Client: SUNOCO CHEMICALS INC
Incident Id: 5340
Incident Desc: SUNOCO 0004 7050
Suspect Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO 0004 7050 (Continued)

1000329667

Source Of Notification: Not reported
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Ground Water
Substance: Unleaded Gasoline
CAS RN: 1634-04-4
Chemical: METHYL TERT-BUTYL ETHER (MTBE)
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 39.99422
Longitude: -75.111371

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608642
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 01/25/2008
Confirmed Date: 02/09/1998
Program Other Id: 51-30270
Client: SUNOCO CHEMICALS INC
Incident Id: 5340
Incident Desc: SUNOCO 0004 7050
Suspect Date: Not reported
Source Of Notification: Not reported
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Ground Water
Substance: Unleaded Gasoline
CAS RN: 91-20-3
Chemical: NAPHTHALENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 39.99422
Longitude: -75.111371

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608642
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 01/25/2008
Confirmed Date: 02/09/1998
Program Other Id: 51-30270
Client: SUNOCO CHEMICALS INC
Incident Id: 5340
Incident Desc: SUNOCO 0004 7050
Suspect Date: Not reported
Source Of Notification: Not reported
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Ground Water

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO 0004 7050 (Continued)

1000329667

Substance: Unleaded Gasoline
CAS RN: 108-88-3
Chemical: TOLUENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 39.99422
Longitude: -75.111371

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608642
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 01/25/2008
Confirmed Date: 02/09/1998
Program Other Id: 51-30270
Client: SUNOCO CHEMICALS INC
Incident Id: 5340
Incident Desc: SUNOCO 0004 7050
Suspect Date: Not reported
Source Of Notification: Not reported
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Ground Water
Substance: Unleaded Gasoline
CAS RN: 1330-20-7
Chemical: XYLENES (TOTAL)
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 39.99422
Longitude: -75.111371

ARCHIVE UST:

Facility Id: 51-30270
Site ID: Not reported
Municipality: Not reported
Client Date: Not reported
Owner Id: 3866
Owner Name: SUN CO INC R&M
Owner Address: 1801 MARKET ST 13/10 PC
Owner Address 2: Not reported
Owner City,St,Zip: PHILADELPHIA, PA 19103-1699
Owner Phone: 2152468509
Owner County Code: 51
Resp Party Name: Not reported
RP Address: Not reported
RP Address 2: Not reported
RP City,St,Zip: Not reported
Region Code Name: Not reported
Regulated Expire Date: Not reported

Tank Sequence #: 001
Tank Id: 50079
Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO 0004 7050 (Continued)

1000329667

Status Code End Date: Not reported
Capacity: 8000
Substance: GASOLINE
Tank Substance End Date: Not reported
Install Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: Not reported
Chemical Name: Not reported
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: Not reported
Contact Name: Not reported
Company: Not reported

Tank Sequence #: 002
Tank Id: 50080
Status: Not reported
Status Code End Date: Not reported
Capacity: 8000
Substance: GASOLINE
Tank Substance End Date: Not reported
Install Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: Not reported
Chemical Name: Not reported
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: Not reported
Contact Name: Not reported
Company: Not reported

Tank Sequence #: 003
Tank Id: 50081
Status: Not reported
Status Code End Date: Not reported
Capacity: 8000
Substance: GASOLINE
Tank Substance End Date: Not reported
Install Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: Not reported
CASRN for Hazardous Substances: Not reported
Chemical Name: Not reported
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: Not reported
Contact Name: Not reported
Company: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SUNOCO 0004 7050 (Continued)

1000329667

Tank Sequence #:	004
Tank Id:	50082
Status:	Not reported
Status Code End Date:	Not reported
Capacity:	1000
Substance:	USED MOTOR OIL
Tank Substance End Date:	Not reported
Install Date:	Not reported
Tank Code:	Not reported
Inspection Code:	Not reported
Last Inspection:	Not reported
Substance Type:	Not reported
CASRN for Hazardous Substances:	Not reported
Chemical Name:	Not reported
Other Information Regarding The Tank Substance:	Not reported
Undeliverable Address Ind.:	Not reported
Contact Name:	Not reported
Company:	Not reported

45
WNW
 1/4-1/2
 0.352 mi.
 1859 ft.

JOHN WANAMAKER WHSE
B ST & ALLEGHENY AVE
PHILADELPHIA, PA

PA UNREG LTANKS

S105919613
N/A

Relative:
Higher
Actual:
54 ft.

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

46
West
 1/4-1/2
 0.417 mi.
 2200 ft.

LACASA DE FAMILIA
201-09 E. INDIANA AVENUE
PHILADELPHIA, PA 19134

US BROWNFIELDS
FINDS

1024079496
N/A

Relative:
Higher
Actual:
55 ft.

US BROWNFIELDS:
 Property Name: LACASA DE FAMILIA
 Recipient Name: Philadelphia Redevelopment Authority
 Grant Type: Assessment
 Property Number: 071242910
 Parcel size: 1.03
 Latitude: 39.9952073
 Longitude: -75.12795870000002
 HCM Label: Not reported
 Map Scale: Not reported
 Point of Reference: Not reported
 Highlights: Not reported
 Datum: Not reported
 Acres Property ID: 232481
 IC Data Access: Not reported
 Start Date: Not reported
 Redev Completion Date: Not reported
 Completed Date: Not reported
 Acres Cleaned Up: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LACASA DE FAMILIA (Continued)

1024079496

Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	3677
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Petroleum
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	1
Cooperative Agreement Number:	96337401
Start Date:	12/01/2016 00:00:00
Ownership Entity:	Government
Completion Date:	01/31/2017 00:00:00
Current Owner:	Philadelphia Dept. of Public Property
Did Owner Change:	N
Cleanup Required:	U
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LACASA DE FAMILIA (Continued)

1024079496

considered a REC.
Below Poverty Number: 13737
Below Poverty Percent: 60.7%
Meidan Income: 5325
Meidan Income Number: 18002
Meidan Income Percent: 79.5%
Vacant Housing Number: 1268
Vacant Housing Percent: 15.5%
Unemployed Number: 2155
Unemployed Percent: 9.5%

FINDS:

Registry ID: 110070164208

Environmental Interest/Information System

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES)
is an federal online database for Brownfields Grantees to
electronically submit data directly to EPA.

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

47
WNW
1/4-1/2
0.421 mi.
2225 ft.

RUSSELL PROP
206 E CLEARFIELD ST
PHILADELPHIA, PA 19134

PA VCP S111245229
N/A

Relative:
Higher

Actual:
54 ft.

VCP:

Activity:

Activity ID: 745666,

Cleanup Records:

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Fuel Oil No 2
Type: Complete Sites
LRP Activity Number: 42923
Remediation: Statewide Health Standard
Activity: NO
Date Approved: 10/24/2011
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: 39.996558
Longitude: -75.127452

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

48
North
1/4-1/2
0.434 mi.
2289 ft.

WILLIAM J ODRISCOLL SERVICE CENTER
620 E TIOGA ST
PHILADELPHIA, PA 19134

PA LUST **S111118138**
PA ARCHIVE UST **N/A**

Relative:
Higher
Actual:
79 ft.

LUST:
Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 609485
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 06/09/1999
Confirmed Date: 06/09/1999
Program Other Id: 51-42897
Client: WILLIAM J ODRISCOLL JR
Incident Id: 5522
Incident Desc: WM ODRISCOLL SVC CTR
Suspect Date: Not reported
Source Of Notification: Not reported
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Soil
Substance: Gasoline
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.001755
Longitude: -75.117708

ARCHIVE UST:
Facility Id: 51-42897
Site ID: Not reported
Municipality: Not reported
Client Date: Not reported
Owner Id: 17062
Owner Name: WILLIAM J ODRISCOLL JR
Owner Address: 620 E TIOGA ST
Owner Address 2: Not reported
Owner City,St,Zip: PHILADELPHIA, PA 19134
Owner Phone: 2156340140
Owner County Code: 51
Resp Party Name: Not reported
RP Address: Not reported
RP Address 2: Not reported
RP City,St,Zip: Not reported
Region Code Name: Not reported
Regulated Expire Date: Not reported

Tank Sequence #: 001
Tank Id: 88605
Status: Not reported
Status Code End Date: Not reported
Capacity: 1060
Substance: GASOLINE
Tank Substance End Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WILLIAM J ODRISCOLL SERVICE CENTER (Continued)

S111118138

Install Date: Not reported
 Tank Code: Not reported
 Inspection Code: Not reported
 Last Inspection: Not reported
 Substance Type: Not reported
 CASRN for Hazardous Substances: Not reported
 Chemical Name: Not reported
 Other Information Regarding The Tank Substance: Not reported
 Undeliverable Address Ind.: Not reported
 Contact Name: Not reported
 Company: Not reported

Tank Sequence #: 002
 Tank Id: 88606
 Status: Not reported
 Status Code End Date: Not reported
 Capacity: 1060
 Substance: GASOLINE
 Tank Substance End Date: Not reported
 Install Date: Not reported
 Tank Code: Not reported
 Inspection Code: Not reported
 Last Inspection: Not reported
 Substance Type: Not reported
 CASRN for Hazardous Substances: Not reported
 Chemical Name: Not reported
 Other Information Regarding The Tank Substance: Not reported
 Undeliverable Address Ind.: Not reported
 Contact Name: Not reported
 Company: Not reported

49
South
1/4-1/2
0.454 mi.
2398 ft.

2100 E. RUSH STREET
2100 E. RUSH STREET
PHILADELPHIA, PA 19134

US BROWNFIELDS **1010375513**
FINDS **N/A**

Relative:
Lower
Actual:
25 ft.

US BROWNFIELDS:
 Property Name: 2100 E. RUSH STREET
 Recipient Name: Philadelphia, City of
 Grant Type: Assessment
 Property Number: 21N4 57 63
 Parcel size: .34
 Latitude: 39.98951
 Longitude: -75.1183
 HCM Label: Address Matching-House Number
 Map Scale: 1:24,000
 Point of Reference: Center of a Facility or Station
 Highlights: Not reported
 Datum: Not reported
 Acres Property ID: 15338
 IC Data Access: Not reported
 Start Date: Not reported
 Redev Completion Date: Not reported
 Completed Date: Not reported
 Acres Cleaned Up: Not reported
 Cleanup Funding: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2100 E. RUSH STREET (Continued)

1010375513

Cleanup Funding Source:	Not reported
Assessment Funding:	1825
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Grant Type:	N/A
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	1
Cooperative Agreement Number:	98396801
Start Date:	11/23/2004 00:00:00
Ownership Entity:	Not reported
Completion Date:	11/23/2004 00:00:00
Current Owner:	J. Wojnarowicz, A. Skibo
Did Owner Change:	Not reported
Cleanup Required:	Not reported
Video Available:	Not reported
Photo Available:	Not reported
Institutional Controls Required:	Not reported
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2100 E. RUSH STREET (Continued)

1010375513

Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	U
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Industrial/residential
Below Poverty Number:	7664
Below Poverty Percent:	43.1%
Meidan Income:	7167
Meidan Income Number:	13202
Meidan Income Percent:	74.2%
Vacant Housing Number:	1221

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

2100 E. RUSH STREET (Continued)

1010375513

Vacant Housing Percent: 17.2%
 Unemployed Number: 1473
 Unemployed Percent: 8.3%

FINDS:

Registry ID: 110038700661

Environmental Interest/Information System

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

M50
East
1/4-1/2
0.455 mi.
2404 ft.

RICHMOND STATION
2001 E WILLARD ST
PHILADELPHIA, PA 19134

PA LUST **S111115471**
PA ARCHIVE UST **N/A**

Site 1 of 2 in cluster M

Relative:
Lower
Actual:
26 ft.

LUST:

Region: EP SE Rgnl Off Norristown
 Municipality: Philadelphia City
 Facility Id: 609594
 Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
 Status Date: 02/24/1997
 Confirmed Date: 10/25/1991
 Program Other Id: 51-43306
 Client: ALLENTOWN POST OFC AIRPORT BRANCH
 Incident Id: 50756
 Incident Desc: NORV
 Suspect Date: Not reported
 Source Of Notification: OWNER
 Release Discovered: CLOS
 Source Cause Of Release: INFNP
 Tank: Not reported
 Impact Desc: Soil
 Substance: Fuel Oil No 2
 CAS RN: Not reported
 Chemical: Not reported
 Comments: Not reported
 Horizontal Ref Datum: WGS84
 Altitude Datum: Not reported
 Latitude: 39.994646
 Longitude: -75.109436

ARCHIVE UST:

Facility Id: 51-43306
 Site ID: Not reported
 Municipality: Not reported
 Client Date: Not reported
 Owner Id: 12396
 Owner Name: US POSTAL SERVICE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RICHMOND STATION (Continued)

S111115471

Owner Address:	5315 CAMPBELLS RUN RD
Owner Address 2:	Not reported
Owner City,St,Zip:	PITTSBURGH, PA 15277-7030
Owner Phone:	4124942523
Owner County Code:	2
Resp Party Name:	Not reported
RP Address:	Not reported
RP Address 2:	Not reported
RP City,St,Zip:	Not reported
Region Code Name:	Not reported
Regulated Expire Date:	Not reported
Tank Sequence #:	001
Tank Id:	84544
Status:	Not reported
Status Code End Date:	Not reported
Capacity:	3000
Substance:	HEATING OIL
Tank Substance End Date:	Not reported
Install Date:	Not reported
Tank Code:	Not reported
Inspection Code:	Not reported
Last Inspection:	Not reported
Substance Type:	Not reported
CASRN for Hazardous Substances:	Not reported
Chemical Name:	Not reported
Other Information Regarding The Tank Substance:	Not reported
Undeliverable Address Ind.:	Not reported
Contact Name:	Not reported
Company:	Not reported

M51
 East
 1/4-1/2
 0.455 mi.
 2404 ft.

USPS RICHMOND STA
2001 E WILLIARD ST
PHILADELPHIA, PA
 Site 2 of 2 in cluster M

PA UNREG LTANKS **S105919796**
 N/A

Relative:
Lower
Actual:
26 ft.

UNREG LTANKS:
 Region: South East
 Contaminant: BTEX
 Closed: 2/4/1997
 Class: Cleanup of Tanks using authorities other than Act 32

52
 North
 1/4-1/2
 0.457 mi.
 2415 ft.

B & W ASSOC
449 E TIOGA ST
PHILADELPHIA, PA 19134

PA VCP **S105423849**
PA ACT 2-DEED **N/A**

Relative:
Higher
Actual:
77 ft.

VCP:
 Cleanup Records:
 Municipality: Philadelphia
 Region: Not reported
 Category Desc: Not reported
 Type: Not Use
 LRP Activity Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B & W ASSOC (Continued)

S105423849

Remediation: Not reported
Activity: Not reported
Date Approved: Not reported
Date Received: Not reported
Date Nonuse: 12/26/2001
ICS Code: SE-1
Media: Not reported
Latitude: Not reported
Longitude: Not reported

Activity:
Activity ID: 619481,
Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Chlorinated Solvents
Type: Complete Sites
LRP Activity Number: 5546
Remediation: Statewide Health Standard
Activity: NO
Date Approved: 11/01/2002
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Groundwater
Latitude: 40.001388
Longitude: -75.125

ACT 2-DEED:
Region: 4100
Municipality: Philadelphia
Site Size: 8.8
Cleanup Standard: Statewide Health
Cleanup Indicator: Not reported
Response Date: 11/1/2002
Category Description: Chlorinated Solvents
Land Designation Code: Not reported

53
WNW
1/4-1/2
0.470 mi.
2481 ft.

**ELLEN KNUTSEN CUMENE SPILL
PIER 179 ALLEGHENY AVE.
PHILADELPHIA, PA 19134**

**SEMS-ARCHIVE 1003867171
PAD987394921**

**Relative:
Higher
Actual:
55 ft.**

SEMS Archive:
Site ID: 0304830
EPA ID: PAD987394921
Cong District: 01
FIPS Code: 42101
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
Region: 03
Site ID: 0304830
EPA ID: PAD987394921
Site Name: ELLEN KNUTSEN CUMENE SPILL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELLEN KNUTSEN CUMENE SPILL (Continued)

1003867171

NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1993-09-23 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 03
Site ID: 0304830
EPA ID: PAD987394921
Site Name: ELLEN KNUTSEN CUMENE SPILL
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1993-09-23 04:00:00
Qual: N
Current Action Lead: EPA Perf

Region: 03
Site ID: 0304830
EPA ID: PAD987394921
Site Name: ELLEN KNUTSEN CUMENE SPILL
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1993-03-31 05:00:00
Finish Date: 1993-03-31 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 03
Site ID: 0304830
EPA ID: PAD987394921
Site Name: ELLEN KNUTSEN CUMENE SPILL
NPL: N
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 1
Start Date: 1993-03-31 05:00:00
Finish Date: 1993-04-02 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

54
ESE
1/4-1/2
0.472 mi.
2491 ft.

SUNOCO 0363 9499
2100 E ALLEGHENY AVE
PHILADELPHIA, PA 19134

PA LUST 1000153535
PA UST N/A
PA ARCHIVE UST

Relative:
Lower
Actual:
23 ft.

LUST:

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608684
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 09/26/2000
Confirmed Date: 11/08/1994
Program Other Id: 51-30581
Client: SUNOCO RETAIL LLC
Incident Id: 5850
Incident Desc: 51-20581 SUNOCO 0363 9499 NORV
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: CLOS
Source Cause Of Release: DISP
Tank: Not reported
Impact Desc: Ground Water
Substance: Unleaded Gasoline
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 39.992029
Longitude: -75.109501

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608684
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 09/26/2000
Confirmed Date: 11/08/1994
Program Other Id: 51-30581
Client: SUNOCO RETAIL LLC
Incident Id: 5850
Incident Desc: 51-20581 SUNOCO 0363 9499 NORV
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: CLOS
Source Cause Of Release: DISP
Tank: Not reported
Impact Desc: Soil
Substance: Unleaded Gasoline
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 39.992029
Longitude: -75.109501

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO 0363 9499 (Continued)

1000153535

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608684
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 06/07/2011
Confirmed Date: 11/03/2010
Program Other Id: 51-30581
Client: SUNOCO RETAIL LLC
Incident Id: 41907
Incident Desc: 51-30851 SUNOCO 0363 9499 NORV
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: CLOS
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Ground Water
Substance: Unleaded Gasoline
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 39.992029
Longitude: -75.109501

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608684
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 06/07/2011
Confirmed Date: 11/03/2010
Program Other Id: 51-30581
Client: SUNOCO RETAIL LLC
Incident Id: 41907
Incident Desc: 51-30851 SUNOCO 0363 9499 NORV
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: CLOS
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Soil
Substance: Unleaded Gasoline
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 39.992029
Longitude: -75.109501

UST:
Site ID: 514688
Other Id: 51-30581
Client Id Number: 327054
Municipality Name: Philadelphia

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO 0363 9499 (Continued)

1000153535

Region: EP SE Rgnl Off Norristown
Mailing Name: SUNOCO RETAIL LLC
Mailing Address: 3801 WEST CHESTER PIKE
Mailing Address 2: Not reported
Mailing City,St,Zip: NEWTOWN SQUARE, PA 19073-2320
Registration Expiration Date: 02/04/2019

Tank Seq No: 006
Tank Status: Currently In Use
Capacity: 20000
Substance: Gasoline
Date Installed: 11/12/2010
Tank Code: UST
Inspection Code: Facility Operation Inspection
Tank Last Dt Inspected: 09/26/2017
Decode for Tstatus: Currently In Use
Decode for Substance: Gasoline

Tank Seq No: 007
Tank Status: Currently In Use
Capacity: 8000
Substance: Gasoline
Date Installed: 11/12/2010
Tank Code: UST
Inspection Code: Facility Operation Inspection
Tank Last Dt Inspected: 09/26/2017
Decode for Tstatus: Currently In Use
Decode for Substance: Gasoline

Tank Seq No: 008
Tank Status: Currently In Use
Capacity: 12000
Substance: Diesel Fuel
Date Installed: 11/12/2010
Tank Code: UST
Inspection Code: Facility Operation Inspection
Tank Last Dt Inspected: 09/26/2017
Decode for Tstatus: Currently In Use
Decode for Substance: Diesel Fuel

ARCHIVE UST:

Facility Id: 51-30581
Site ID: Not reported
Municipality: Philadelphia City
Client Date: Not reported
Owner Id: Not reported
Owner Name: SUNOCO RETAIL LLC
Owner Address: 3801 WEST CHESTER PIKE
Owner Address 2: Not reported
Owner City,St,Zip: NEWTOWN SQUARE, PA 19073-2320
Owner Phone: Not reported
Owner County Code: Not reported
Resp Party Name: Not reported
RP Address: Not reported
RP Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO 0363 9499 (Continued)

1000153535

RP City,St,Zip:	Not reported
Region Code Name:	Not reported
Regulated Expire Date:	Not reported
Tank Sequence #:	005
Tank Id:	Not reported
Status:	Closed Without a Permit
Status Code End Date:	Not reported
Capacity:	1000
Substance:	Heating Oil
Tank Substance End Date:	Not reported
Install Date:	Not reported
Tank Code:	UST
Inspection Code:	Not reported
Last Inspection:	Not reported
Substance Type:	P
CASRN for Hazardous Substances:	Not reported
Chemical Name:	Not reported
Other Information Regarding The Tank Substance:	Not reported
Undeliverable Address Ind.:	N
Contact Name:	KATHLEEN MCCANEY ENV COMPLIANCE SPECIALIST
Company:	Not reported
Tank Sequence #:	001
Tank Id:	Not reported
Status:	Removed
Status Code End Date:	Not reported
Capacity:	10000
Substance:	Gasoline
Tank Substance End Date:	Not reported
Install Date:	06/01/1981
Tank Code:	UST
Inspection Code:	Not reported
Last Inspection:	Not reported
Substance Type:	P
CASRN for Hazardous Substances:	Not reported
Chemical Name:	Not reported
Other Information Regarding The Tank Substance:	Not reported
Undeliverable Address Ind.:	N
Contact Name:	KATHLEEN MCCANEY ENV COMPLIANCE SPECIALIST
Company:	Not reported
Tank Sequence #:	004
Tank Id:	Not reported
Status:	Unregulated Removed
Status Code End Date:	Not reported
Capacity:	550
Substance:	Heating Oil
Tank Substance End Date:	Not reported
Install Date:	06/01/1968
Tank Code:	UST
Inspection Code:	Not reported
Last Inspection:	Not reported
Substance Type:	P
CASRN for Hazardous Substances:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO 0363 9499 (Continued)

1000153535

Chemical Name: Not reported
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: KATHLEEN MCCANEY ENV COMPLIANCE SPECIALIST
Company: Not reported

Tank Sequence #: 003
Tank Id: Not reported
Status: Removed
Status Code End Date: Not reported
Capacity: 8000
Substance: Gasoline
Tank Substance End Date: Not reported
Install Date: 06/01/1981
Tank Code: UST
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: P
CASRN for Hazardous Substances: Not reported
Chemical Name: Not reported
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: KATHLEEN MCCANEY ENV COMPLIANCE SPECIALIST
Company: Not reported

Tank Sequence #: 002
Tank Id: Not reported
Status: Removed
Status Code End Date: Not reported
Capacity: 10000
Substance: Gasoline
Tank Substance End Date: Not reported
Install Date: 06/01/1981
Tank Code: UST
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: P
CASRN for Hazardous Substances: Not reported
Chemical Name: Not reported
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: KATHLEEN MCCANEY ENV COMPLIANCE SPECIALIST
Company: Not reported

N55
East
1/4-1/2
0.474 mi.
2502 ft.

CASSAR EDWARD H
1920 E CORNWALL ST
PHILADELPHIA, PA 19134
Site 1 of 2 in cluster N

SEMS-ARCHIVE 1003865113
PAD980539688

Relative:
Lower
Actual:
26 ft.

SEMS Archive:
Site ID: 0301359
EPA ID: PAD980539688
Cong District: 01
FIPS Code: 42101
FF: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CASSAR EDWARD H (Continued)

1003865113

NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 03
Site ID: 0301359
EPA ID: PAD980539688
Site Name: CASSAR EDWARD H
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1986-02-18 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 03
Site ID: 0301359
EPA ID: PAD980539688
Site Name: CASSAR EDWARD H
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1981-06-01 04:00:00
Finish Date: 1981-06-01 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 03
Site ID: 0301359
EPA ID: PAD980539688
Site Name: CASSAR EDWARD H
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1986-02-18 05:00:00
Finish Date: 1986-02-18 05:00:00
Qual: N
Current Action Lead: St Perf

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

N56
East
1/4-1/2
0.474 mi.
2502 ft.

EDWARD H. CASSAR
1920 E CORNWALL ST
PHILADELPHIA, PA

Site 2 of 2 in cluster N

PA HIST LF S105954910
N/A

Relative:
Lower
Actual:
26 ft.

HIST LF INVENTORY:
 Site ID: 1-513
 Inspect Date: 08/24/00
 Facility Status: INACTIVE
 Facility Type: Not reported

57
South
1/4-1/2
0.478 mi.
2526 ft.

830226
2740 AMBER ST
PHILADELPHIA, PA 19134

PA VCP S123404214
N/A

Relative:
Lower
Actual:
25 ft.

VCP:
 Cleanup Records:
 Municipality: Philadelphia City
 Region: Southeast Region
 Category Desc: Chlorinated Solvents
 Type: Site In Progress
 LRP Activity Number: 52614
 Remediation: Site-Specific Standard
 Activity: Not reported
 Date Approved: Not reported
 Date Received: 10/30/2018
 Date Nonuse: Not reported
 ICS Code: Not reported
 Media: Groundwater
 Latitude: 39.958888
 Longitude: -75.596388

Municipality: Philadelphia City
 Region: Southeast Region
 Category Desc: Other Organics
 Type: Site In Progress
 LRP Activity Number: 52614
 Remediation: Site-Specific Standard
 Activity: Not reported
 Date Approved: Not reported
 Date Received: 10/30/2018
 Date Nonuse: Not reported
 ICS Code: Not reported
 Media: Soil
 Latitude: 39.958888
 Longitude: -75.596388

Municipality: Philadelphia City
 Region: Southeast Region
 Category Desc: Inorganics
 Type: Site In Progress
 LRP Activity Number: 52614
 Remediation: Site-Specific Standard
 Activity: Not reported
 Date Approved: Not reported
 Date Received: 10/30/2018

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

830226 (Continued)

S123404214

Date Nonuse: Not reported
 ICS Code: Not reported
 Media: Soil
 Latitude: 39.958888
 Longitude: -75.596388

Activity:

Activity ID: 830226, 830226, 830226, 830226,
 Municipality: Philadelphia City
 Region: Southeast Region
 Category Desc: Inorganics
 Type: Site In Progress
 LRP Activity Number: 52614
 Remediation: Site-Specific Standard
 Activity: Not reported
 Date Approved: Not reported
 Date Received: 10/30/2018
 Date Nonuse: Not reported
 ICS Code: Not reported
 Media: Groundwater
 Latitude: 39.958888
 Longitude: -75.596388

58
NNW
1/4-1/2
0.490 mi.
2589 ft.

332-52 E TIOGA ST AND 3300 C ST
332-52 E TIOGA ST AND 3300 C ST
PHILADELPHIA, PA 19134

US BROWNFIELDS **1016456441**
FINDS **N/A**

Relative:
Higher
Actual:
75 ft.

US BROWNFIELDS:
 Property Name: 332-52 E TIOGA ST AND 3300 C ST
 Recipient Name: Philadelphia City Planning Commission
 Grant Type: Assessment
 Property Number: Not reported
 Parcel size: Not reported
 Latitude: 40.002377
 Longitude: -75.122213
 HCM Label: Not reported
 Map Scale: Not reported
 Point of Reference: Not reported
 Highlights: Not reported
 Datum: Not reported
 Acres Property ID: 13320
 IC Data Access: Not reported
 Start Date: Not reported
 Redev Completion Date: Not reported
 Completed Date: Not reported
 Acres Cleaned Up: Not reported
 Cleanup Funding: Not reported
 Cleanup Funding Source: Not reported
 Assessment Funding: Not reported
 Assessment Funding Source: Not reported
 Redevelopment Funding: Not reported
 Redev. Funding Source: Not reported
 Redev. Funding Entity Name: Not reported
 Redevelopment Start Date: Not reported
 Assessment Funding Entity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

332-52 E TIOGA ST AND 3300 C ST (Continued)

1016456441

Cleanup Funding Entity:	Not reported
Grant Type:	N/A
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	99327201
Start Date:	06/30/2001 00:00:00
Ownership Entity:	Not reported
Completion Date:	06/30/2001 00:00:00
Current Owner:	Not reported
Did Owner Change:	Not reported
Cleanup Required:	Not reported
Video Available:	Not reported
Photo Available:	Not reported
Institutional Controls Required:	Not reported
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

332-52 E TIOGA ST AND 3300 C ST (Continued)

1016456441

Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Not reported
Below Poverty Number:	9367
Below Poverty Percent:	56.5%
Meidan Income:	7490
Meidan Income Number:	12406
Meidan Income Percent:	74.9%
Vacant Housing Number:	761
Vacant Housing Percent:	13.4%
Unemployed Number:	1652
Unemployed Percent:	10.0%

FINDS:

Registry ID: 110039540510

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

332-52 E TIOGA ST AND 3300 C ST (Continued)

1016456441

Environmental Interest/Information System
 US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES)
 is an federal online database for Brownfields Grantees to
 electronically submit data directly to EPA.

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

59
NNE
 1/2-1
 0.515 mi.
 2717 ft.

UNITED GAS IMPROVEMENT CO
SHELBOURNE AND E ATLANTIC STREETS
PHILADELPHIA, PA 19134

EDR MGP 1009400774
N/A

Relative:
Higher

Actual:
79 ft.

Manufactured Gas Plants:
 Alternate Name: PHILADELPHIA GAS WORKS CO. No additional information available

60
East
 1/2-1
 0.716 mi.
 3780 ft.

QUALITY CONTAINER HSCA SITE
2135 E ONTARIO
PHILADELPHIA, PA 19134

PA SHWS S115911898
N/A

Relative:
Lower

Actual:
22 ft.

SHWS:
 Region: EP SE Rgnl Off Norristown
 Facility Id: 619780
 Municipality: Philadelphia City
 Site: QUALITY CONTAINER
 Site Id: 264020
 Program Other Id: PAD980832117
 HOR Ref Datum: WGS84
 Client Id: Not reported
 Client Owner: Not reported
 Initiation Id: 5990
 Initiation Type: HSCA
 Notice Date: Not reported
 List Date: Not reported
 Delist Date: Not reported
 Activity Id: 6159
 Media Id: 737275
 Media Name: QUALITY CONTAINER CORP HSCA SITE-SOIL
 Media Type: Soil Media
 Substance Code: INORG
 Substance: Inorganics
 CASRN: 7439-97-6
 Chemical: MERCURY
 Address Remarks: Not reported
 Response Name: QUALITY CONTAINER CORP HSCA SITE
 Response Action: HSIR - HSCA Interim Response Action
 Start Date: 03/20/1995
 Finish Date: 05/15/1996
 RJD Date: 08/10/1994
 Altitude Datum: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

QUALITY CONTAINER HSCA SITE (Continued)

S115911898

Latitude: 39.99415
Longitude: -75.104391

Region: EP SE Rgnl Off Norristown
Facility Id: 619780
Municipality: Philadelphia City
Site: QUALITY CONTAINER
Site Id: 264020
Program Other Id: PAD980832117
HOR Ref Datum: WGS84
Client Id: Not reported
Client Owner: Not reported
Initiation Id: 5990
Initiation Type: HSCA
Notice Date: Not reported
List Date: Not reported
Delist Date: Not reported
Activity Id: 6159
Media Id: 737275
Media Name: QUALITY CONTAINER CORP HSCA SITE-SOIL
Media Type: Soil Media
Substance Code: OTORG
Substance: Other Organics
CASRN: Not reported
Chemical: Not reported
Address Remarks: Not reported
Response Name: QUALITY CONTAINER CORP HSCA SITE
Response Action: HSIR - HSCA Interim Response Action
Start Date: 03/20/1995
Finish Date: 05/15/1996
RJD Date: 08/10/1994
Altitude Datum: Not reported
Latitude: 39.99415
Longitude: -75.104391

Region: EP SE Rgnl Off Norristown
Facility Id: 619780
Municipality: Philadelphia City
Site: QUALITY CONTAINER
Site Id: 264020
Program Other Id: PAD980832117
HOR Ref Datum: WGS84
Client Id: Not reported
Client Owner: Not reported
Initiation Id: 5990
Initiation Type: HSCA
Notice Date: Not reported
List Date: Not reported
Delist Date: Not reported
Activity Id: 6159
Media Id: 737276
Media Name: QUALITY CONTAINER CORP HSCA SITE-WASTE
Media Type: Waste Media
Substance Code: CLSOL
Substance: Chlorinated Solvents
CASRN: Not reported
Chemical: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

QUALITY CONTAINER HSCA SITE (Continued)

S115911898

Address Remarks:	Not reported
Response Name:	QUALITY CONTAINER CORP HSCA SITE
Response Action:	HSIR - HSCA Interim Response Action
Start Date:	03/20/1995
Finish Date:	05/15/1996
RJD Date:	08/10/1994
Altitude Datum:	Not reported
Latitude:	39.99415
Longitude:	-75.104391
Region:	EP SE Rgnl Off Norristown
Facility Id:	619780
Municipality:	Philadelphia City
Site:	QUALITY CONTAINER
Site Id:	264020
Program Other Id:	PAD980832117
HOR Ref Datum:	WGS84
Client Id:	Not reported
Client Owner:	Not reported
Initiation Id:	5990
Initiation Type:	HSCA
Notice Date:	Not reported
List Date:	Not reported
Delist Date:	Not reported
Activity Id:	6159
Media Id:	737276
Media Name:	QUALITY CONTAINER CORP HSCA SITE-WASTE
Media Type:	Waste Media
Substance Code:	INORG
Substance:	Inorganics
CASRN:	Not reported
Chemical:	Not reported
Address Remarks:	Not reported
Response Name:	QUALITY CONTAINER CORP HSCA SITE
Response Action:	HSIR - HSCA Interim Response Action
Start Date:	03/20/1995
Finish Date:	05/15/1996
RJD Date:	08/10/1994
Altitude Datum:	Not reported
Latitude:	39.99415
Longitude:	-75.104391
Region:	EP SE Rgnl Off Norristown
Facility Id:	619780
Municipality:	Philadelphia City
Site:	QUALITY CONTAINER
Site Id:	264020
Program Other Id:	PAD980832117
HOR Ref Datum:	WGS84
Client Id:	Not reported
Client Owner:	Not reported
Initiation Id:	5990
Initiation Type:	HSCA
Notice Date:	Not reported
List Date:	Not reported
Delist Date:	Not reported
Activity Id:	6159

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

QUALITY CONTAINER HSCA SITE (Continued)

S115911898

Media Id: 737276
Media Name: QUALITY CONTAINER CORP HSCA SITE-WASTE
Media Type: Waste Media
Substance Code: OTORG
Substance: Other Organics
CASRN: Not reported
Chemical: Not reported
Address Remarks: Not reported
Response Name: QUALITY CONTAINER CORP HSCA SITE
Response Action: HSIR - HSCA Interim Response Action
Start Date: 03/20/1995
Finish Date: 05/15/1996
RJD Date: 08/10/1994
Altitude Datum: Not reported
Latitude: 39.99415
Longitude: -75.104391

Region: EP SE Rgnl Off Norristown
Facility Id: 619780
Municipality: Philadelphia City
Site: QUALITY CONTAINER
Site Id: 264020
Program Other Id: PAD980832117
HOR Ref Datum: WGS84
Client Id: Not reported
Client Owner: Not reported
Initiation Id: 5990
Initiation Type: HSCA
Notice Date: Not reported
List Date: Not reported
Delist Date: Not reported
Activity Id: 6161

Media Id: 737275
Media Name: QUALITY CONTAINER CORP HSCA SITE-SOIL
Media Type: Soil Media
Substance Code: LEAD
Substance: Lead
CASRN: Not reported
Chemical: Not reported
Address Remarks: Not reported
Response Name: QUALITY CONTAINER CORP HSCA SITE
Response Action: HSIR - HSCA Interim Response Action
Start Date: 08/10/1994
Finish Date: 02/09/1996
RJD Date: 08/10/1994
Altitude Datum: Not reported
Latitude: 39.99415
Longitude: -75.104391

Region: EP SE Rgnl Off Norristown
Facility Id: 619780
Municipality: Philadelphia City
Site: QUALITY CONTAINER
Site Id: 264020
Program Other Id: PAD980832117
HOR Ref Datum: WGS84
Client Id: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

QUALITY CONTAINER HSCA SITE (Continued)

S115911898

Client Owner: Not reported
Initiation Id: 5990
Initiation Type: HSCA
Notice Date: Not reported
List Date: Not reported
Delist Date: Not reported
Activity Id: 6161
Media Id: 737276
Media Name: QUALITY CONTAINER CORP HSCA SITE-WASTE
Media Type: Waste Media
Substance Code: INORG
Substance: Inorganics
CASRN: Not reported
Chemical: Not reported
Address Remarks: Not reported
Response Name: QUALITY CONTAINER CORP HSCA SITE
Response Action: HSIR - HSCA Interim Response Action
Start Date: 08/10/1994
Finish Date: 02/09/1996
RJD Date: 08/10/1994
Altitude Datum: Not reported
Latitude: 39.99415
Longitude: -75.104391

61
East
1/2-1
0.916 mi.
4839 ft.

IMPERIAL METAL & CHEMICAL CO
3400 ARAMINGO AVE
PHILADELPHIA, PA 19134

SEMS-ARCHIVE 1000215094
CORRACTS PAD070283023
RCRA-TSDF
US ENG CONTROLS
US INST CONTROL
RCRA NonGen / NLR
2020 COR ACTION

Relative:
Lower

Actual:
18 ft.

SEMS Archive:
Site ID: 0303795
EPA ID: PAD070283023
Cong District: 01
FIPS Code: 42101
FF: N
NPL: Not on the NPL
Non NPL Status: Deferred to RCRA (Subtitle C)

SEMS Archive Detail:

Region: 03
Site ID: 0303795
EPA ID: PAD070283023
Site Name: IMPERIAL METAL & CHEMICAL CO.
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1996-01-23 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 03

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL METAL & CHEMICAL CO (Continued)

1000215094

Site ID: 0303795
EPA ID: PAD070283023
Site Name: IMPERIAL METAL & CHEMICAL CO.
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1990-04-30 04:00:00
Finish Date: 1990-11-28 05:00:00
Qual: D
Current Action Lead: EPA Perf

Region: 03
Site ID: 0303795
EPA ID: PAD070283023
Site Name: IMPERIAL METAL & CHEMICAL CO.
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1989-11-07 05:00:00
Finish Date: 1989-11-07 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

CORRACTS:

EPA ID: PAD070283023
EPA Region: 03
Area Name: IMPERVIOUS CAP
Actual Date: 20170930
Action: CAM790
NAICS Code(s): 331492
Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)
Original schedule date: 20170930
Schedule end date: Not reported

EPA ID: PAD070283023
EPA Region: 03
Area Name: CONCRETE BASEMENT FLOOR
Actual Date: 20170930
Action: CAM790
NAICS Code(s): 331492
Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)
Original schedule date: 20170930
Schedule end date: Not reported

EPA ID: PAD070283023
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20170930

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL METAL & CHEMICAL CO (Continued)

1000215094

Action: CAM790
NAICS Code(s): 331492
Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)
Original schedule date: 20170930
Schedule end date: Not reported

EPA ID: PAD070283023
EPA Region: 03
Area Name: CONCRETE BASEMENT FLOOR
Actual Date: 20130930
Action: CA770NG
NAICS Code(s): 331492
Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD070283023
EPA Region: 03
Area Name: IMPERVIOUS CAP
Actual Date: 20130930
Action: CA770NG
NAICS Code(s): 331492
Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD070283023
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20130930
Action: CA900CR
NAICS Code(s): 331492
Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD070283023
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20130930
Action: CA800YE
NAICS Code(s): 331492
Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD070283023
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20130930
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 331492

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL METAL & CHEMICAL CO (Continued)

1000215094

Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD070283023
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20130930
Action: CA550RC
NAICS Code(s): 331492

Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD070283023
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20130808
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 331492

Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD070283023
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20130808
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 331492

Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD070283023
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20120516
Action: CA100 - RFI Imposition
NAICS Code(s): 331492

Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD070283023
EPA Region: 03
Area Name: CONCRETE BASEMENT FLOOR
Actual Date: 20110401
Action: CA772PR
NAICS Code(s): 331492

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL METAL & CHEMICAL CO (Continued)

1000215094

Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except
Copper and Aluminum)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD070283023
EPA Region: 03
Area Name: IMPERVIOUS CAP
Actual Date: 20110401
Action: CA772PR
NAICS Code(s): 331492

Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except
Copper and Aluminum)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD070283023
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20110401
Action: CA772PR
NAICS Code(s): 331492

Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except
Copper and Aluminum)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD070283023
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 19911201
Action: CA075LO - CA Prioritization, Facility or area was assigned a low
corrective action priority
NAICS Code(s): 331492
Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except
Copper and Aluminum)
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-TSDF:

Date form received by agency: 11/18/1980
Facility name: IMPERIAL METAL & CHEMICAL CO
Facility address: 3400 ARAMINGO AVE
PHILADELPHIA, PA 19134
EPA ID: PAD070283023
Contact: ROY_G RANGNOW
Contact address: 3400 ARAMINGO AVE
PHILADELPHIA, PA 19134
Contact country: US
Contact telephone: 215-423-2400
Contact email: Not reported
EPA Region: 03
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous
waste
Classification: Non-Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL METAL & CHEMICAL CO (Continued)

1000215094

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

Owner/Operator Summary:

Owner/operator name: IMPERIAL METAL & CHEMICAL COMPANY
Owner/operator address: 3400 ARAMINGO AVENUE
PHILADELPHIA, PA 19134
Owner/operator country: Not reported
Owner/operator telephone: 215-423-2400
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: IMPERIAL METAL & CHEMICAL COMPANY
Owner/operator address: 3400 ARAMINGO AVENUE
PHILADELPHIA, PA 19134
Owner/operator country: Not reported
Owner/operator telephone: 215-423-2400
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: K069
. Waste name: EMISSION CONTROL DUST/SLUDGE FROM SECONDARY LEAD SMELTING.

Historical Generators:

Date form received by agency: 08/18/1980
Site name: IMPERIAL METAL & CHEMICAL CO
Classification: Unverified

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL METAL & CHEMICAL CO (Continued)

1000215094

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: K069
- . Waste name: EMISSION CONTROL DUST/SLUDGE FROM SECONDARY LEAD SMELTING.

Date form received by agency: 01/01/1979
Site name: IMPERIAL METAL & CHEMICAL CO
Classification: Unverified

Corrective Action Summary:

- Event date: 12/01/1991
Event: CA PRIORITIZATION-LOW CA PRIORITY

- Event date: 04/01/2011
Event: INSTITUTIONAL CONTROLS ESTABLISHED-PROPRIETARY CONTROL

- Event date: 05/16/2012
Event: INVESTIGATION IMPOSITION

- Event date: 08/08/2013
Event: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

- Event date: 08/08/2013
Event: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

- Event date: 09/30/2013
Event: ENGINEERING CONTROLS ESTABLISHED-NON-GROUNDWATER CONTROL

- Event date: 09/30/2013
Event: ENGINEERING CONTROLS ESTABLISHED-NON-GROUNDWATER CONTROL

- Event date: 09/30/2013
Event: REMEDY DECISION

- Event date: 09/30/2013
Event: READY FOR ANTICIPATED USE DETERMINATION - READY FOR ANTICIPATED USE

- Event date: 09/30/2013
Event: CA PERFORMANCE STANDARDS ATTAINED - CONTROLS REQUIRED

- Event date: 09/30/2013
Event: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED

- Event date: 09/30/2017
Event: CAM790

Facility Has Received Notices of Violations:

- Regulation violated: Not reported
- Area of violation: TSD - General
- Date violation determined: 08/28/1987
- Date achieved compliance: 09/19/1989
- Violation lead agency: State
- Enforcement action: WRITTEN INFORMAL
- Enforcement action date: 10/06/1987

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL METAL & CHEMICAL CO (Continued)

1000215094

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 10/18/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/06/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/08/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/19/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 08/28/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 09/19/1989
Evaluation lead agency: State

US ENG CONTROLS:

EPA ID: PAD070283023
Site ID: Not reported
Name: IMPERIAL METAL & CHEMICAL CO
Address: 3400 ARAMINGO AVE
PHILADELPHIA, PA 19134
EPA Region: 3
County: PHILADELPHIA
Event Code: CA770NG
Actual Date: 09/30/2013
Contact Name: ROY_G RANGNOW
Contact Phone and Ext: 215-423-2400
Event Code Description: ENGINEERING CONTROLS ESTABLISHED-NON-GROUNDWATER CONTROL

Action ID: Not reported
Action Name: Not reported
Action Completion date: 01/01/1900
Operable Unit: Not reported
Contaminated Media : Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL METAL & CHEMICAL CO (Continued)

1000215094

Engineering Control: Not reported
Contact Name: ROY_G RANGNOW
Contact Phone and Ext: 215-423-2400
Event Code Description: ENGINEERING CONTROLS ESTABLISHED-NON-GROUNDWATER CONTROL

US INST CONTROL:

EPA ID: PAD070283023
Site ID: Not reported
Name: IMPERIAL METAL & CHEMICAL CO
Action Name: Not reported
Address: 3400 ARAMINGO AVE
PHILADELPHIA, PA 19134
EPA Region: 3
County: PHILADELPHIA
Event Code: CA772PR
Inst. Control: Not reported
Actual Date: 04/01/2011
Comple. Date: 01/01/1900
Operable Unit: Not reported
Contaminated Media : Not reported
Contact Name : ROY_G RANGNOW
Contact Phone and Ext : 215-423-2400
Event Code Description: INSTITUTIONAL CONTROLS ESTABLISHED-PROPRIETARY CONTROL

RCRA NonGen / NLR:

Date form received by agency: 11/18/1980
Facility name: IMPERIAL METAL & CHEMICAL CO
Facility address: 3400 ARAMINGO AVE
PHILADELPHIA, PA 19134
EPA ID: PAD070283023
Contact: ROY_G RANGNOW
Contact address: 3400 ARAMINGO AVE
PHILADELPHIA, PA 19134
Contact country: US
Contact telephone: 215-423-2400
Contact email: Not reported
EPA Region: 03
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: IMPERIAL METAL & CHEMICAL COMPANY
Owner/operator address: 3400 ARAMINGO AVENUE
PHILADELPHIA, PA 19134
Owner/operator country: Not reported
Owner/operator telephone: 215-423-2400
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL METAL & CHEMICAL CO (Continued)

1000215094

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

Owner/operator name: IMPERIAL METAL & CHEMICAL COMPANY
Owner/operator address: 3400 ARAMINGO AVENUE
PHILADELPHIA, PA 19134

Owner/operator country: Not reported
Owner/operator telephone: 215-423-2400
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: K069
. Waste name: EMISSION CONTROL DUST/SLUDGE FROM SECONDARY LEAD SMELTING.

Historical Generators:

Date form received by agency: 08/18/1980
Site name: IMPERIAL METAL & CHEMICAL CO
Classification: Unverified

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: K069
. Waste name: EMISSION CONTROL DUST/SLUDGE FROM SECONDARY LEAD SMELTING.

Date form received by agency: 01/01/1979
Site name: IMPERIAL METAL & CHEMICAL CO
Classification: Unverified

Corrective Action Summary:

Event date: 12/01/1991

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL METAL & CHEMICAL CO (Continued)

1000215094

Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 04/01/2011
Event: INSTITUTIONAL CONTROLS ESTABLISHED-PROPRIETARY CONTROL

Event date: 05/16/2012
Event: INVESTIGATION IMPOSITION

Event date: 08/08/2013
Event: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Event date: 08/08/2013
Event: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Event date: 09/30/2013
Event: ENGINEERING CONTROLS ESTABLISHED-NON-GROUNDWATER CONTROL

Event date: 09/30/2013
Event: ENGINEERING CONTROLS ESTABLISHED-NON-GROUNDWATER CONTROL

Event date: 09/30/2013
Event: REMEDY DECISION

Event date: 09/30/2013
Event: READY FOR ANTICIPATED USE DETERMINATION - READY FOR ANTICIPATED USE

Event date: 09/30/2013
Event: CA PERFORMANCE STANDARDS ATTAINED - CONTROLS REQUIRED

Event date: 09/30/2013
Event: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED

Event date: 09/30/2017
Event: CAM790

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 08/28/1987
Date achieved compliance: 09/19/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/06/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 10/18/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL METAL & CHEMICAL CO (Continued)

1000215094

Evaluation lead agency: State

Evaluation date: 06/06/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/08/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/19/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 08/28/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 09/19/1989
Evaluation lead agency: State

2020 COR ACTION:

EPA ID: PAD070283023
Region: 3
Action: Remedy Construction

Count: 12 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PHILADELPHIA	1003865054	MARTIN MARIETTA CORP. PHILADELPHIA	18TH & CAMBRIA ST	19134	SEMS-ARCHIVE
PHILADELPHIA	1003006409	INDEPENDENT WIRING	2ND & TIOGA - 3520 N 2ND ST	19140	SEMS-ARCHIVE
PHILADELPHIA	S105919798	VILLAS DEL CARIBE	161-171 W ALLEGHENY AVE		PA UNREG LTANKS
PHILADELPHIA	1015736263	KINDER MORGAN LIQUIDS TERMINALS	ALLEGHENY AVE & DELAWARE RIVER	19134	SEMS-ARCHIVE, RCRA-LQG, FINDS
PHILADELPHIA	1001814354	ALLEGHENY TRAIN E.R.	ALLEGHENY & TRENTON AVENUES	19134	SEMS-ARCHIVE
PHILADELPHIA	S105800666	FIRE SITE 244	BOUDINOT & 1 HART LN	19134	PA LUST, PA ARCHIVE UST
PHILADELPHIA	S105919708	PHILA SCH DIST BROWN HA 521	JASPER & SARGENT		PA UNREG LTANKS
PHILADELPHIA	1015736303	PENNSYLVANIA SMELTING & REFINING	ONTARIO & CASPER STS. , SOUTH	19134	SEMS-ARCHIVE, LEAD SMELTERS
PHILADELPHIA	1003867285	JO ELM CUMENE SPILL	PIER 179, 5 DELAWARE & ALLEGHE	19134	SEMS-ARCHIVE
PHILADELPHIA	1004654877	TIOGA STREET TIRE FIRE	TIOGA & ALLEN STS, OFF 95	19134	SEMS-ARCHIVE
PHILADELPHIA	S105919731	RHONE POULENC WALSH CHEM	TRENTON & WILLIAMS		PA UNREG LTANKS
PHILADELPHIA	1003867111	ABBOTT PLATING COMPANY	2103-23 WISHART ST.	19134	SEMS-ARCHIVE

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: N/A
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: N/A
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: 800-424-9346
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/29/2019
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019	Source: EPA
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-424-9346
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-438-2474
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-438-2474
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-438-2474
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-438-2474
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 02/22/2019	Source: Department of the Navy
Date Data Arrived at EDR: 03/07/2019	Telephone: 843-820-7326
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 05/10/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 08/26/2019
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 05/29/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 09/09/2019
	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: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 05/29/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 03/25/2019

Date Data Arrived at EDR: 03/26/2019

Date Made Active in Reports: 05/01/2019

Number of Days to Update: 36

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 03/26/2019

Next Scheduled EDR Contact: 07/08/2019

Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

SHWS: Hazardous Sites Cleanup Act Site List

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

Date of Government Version: 04/16/2019

Date Data Arrived at EDR: 04/17/2019

Date Made Active in Reports: 04/25/2019

Number of Days to Update: 8

Source: Department Environmental Protection

Telephone: 717-783-7816

Last EDR Contact: 04/17/2019

Next Scheduled EDR Contact: 07/29/2019

Data Release Frequency: Quarterly

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: 08/01/2018

Date Data Arrived at EDR: 01/23/2019

Date Made Active in Reports: 04/01/2019

Number of Days to Update: 68

Source: Department of Environmental Protection

Telephone: 717-783-7816

Last EDR Contact: 04/19/2019

Next Scheduled EDR Contact: 07/29/2019

Data Release Frequency: Annually

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

SWF/LF: Operating Facilities

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

Date of Government Version: 02/20/2019

Date Data Arrived at EDR: 02/22/2019

Date Made Active in Reports: 04/01/2019

Number of Days to Update: 38

Source: Department of Environmental Protection

Telephone: 717-787-7564

Last EDR Contact: 05/21/2019

Next Scheduled EDR Contact: 09/02/2019

Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LAST: Storage Tank Release Sites

Leaking Aboveground Storage Tank Incident Reports.

Date of Government Version: 12/11/2018

Date Data Arrived at EDR: 12/12/2018

Date Made Active in Reports: 02/06/2019

Number of Days to Update: 56

Source: Department of Environmental Protection

Telephone: 717-783-7509

Last EDR Contact: 03/14/2019

Next Scheduled EDR Contact: 06/24/2019

Data Release Frequency: Quarterly

LUST: Storage Tank Release Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 02/06/2019
Number of Days to Update: 56

Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 03/14/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Quarterly

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

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

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

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

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

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

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

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

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

Date of Government Version: 10/13/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 10/17/2018	Source: EPA Region 10
Date Data Arrived at EDR: 03/07/2019	Telephone: 206-553-2857
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2018	Source: EPA, Region 5
Date Data Arrived at EDR: 03/07/2019	Telephone: 312-886-7439
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

UNREG LTANKS: Unregulated Tank Cases
Leaking storage tank cases from unregulated storage tanks.

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

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017	Source: FEMA
Date Data Arrived at EDR: 05/30/2017	Telephone: 202-646-5797
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 04/25/2019
Number of Days to Update: 136	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Varies

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

Date of Government Version: 12/03/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/12/2018	Telephone: 717-772-5599
Date Made Active in Reports: 02/07/2019	Last EDR Contact: 03/14/2019
Number of Days to Update: 57	Next Scheduled EDR Contact: 06/24/2019
	Data Release Frequency: Varies

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

Date of Government Version: 12/03/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/12/2018	Telephone: 717-772-5599
Date Made Active in Reports: 02/07/2019	Last EDR Contact: 03/14/2019
Number of Days to Update: 57	Next Scheduled EDR Contact: 06/24/2019
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/03/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/07/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Site Listing

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

Date of Government Version: 05/15/2008
Date Data Arrived at EDR: 05/16/2008
Date Made Active in Reports: 06/12/2008
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: 717-783-9470
Last EDR Contact: 04/16/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: No Update Planned

AUL: Environmental Covenants Listing

A listing of sites with environmental covenants.

Date of Government Version: 01/15/2019
Date Data Arrived at EDR: 01/16/2019
Date Made Active in Reports: 03/28/2019
Number of Days to Update: 71

Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 04/17/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Quarterly

INST CONTROL: Institutional Controls Site Listing

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

Date of Government Version: 05/15/2008
Date Data Arrived at EDR: 05/16/2008
Date Made Active in Reports: 06/12/2008
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: 717-783-9470
Last EDR Contact: 04/16/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: No Update Planned

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/25/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

VCP: Voluntary Cleanup Program Sites

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

Date of Government Version: 01/08/2019	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/10/2019	Telephone: 717-783-2388
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/10/2019
Number of Days to Update: 81	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites

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

Date of Government Version: 10/16/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/17/2018	Telephone: 717-783-1566
Date Made Active in Reports: 11/28/2018	Last EDR Contact: 05/01/2019
Number of Days to Update: 42	Next Scheduled EDR Contact: 07/29/2019
	Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/17/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/18/2018	Telephone: 202-566-2777
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 06/04/2019
Number of Days to Update: 24	Next Scheduled EDR Contact: 07/01/2019
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

HIST LF ALL: Abandoned Landfill Inventory

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Department of Environmental Protection
Telephone: 717-787-7564
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

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

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

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

Date of Government Version: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Quarterly

PFAS: Sites With Known PFAS Contamination

Perfluoroalkyl and polyfluoroalkyl substances (PFAS) are man-made chemicals, are resistant to heat, water and oil, and persist in the environment and the human body. PFAS are not found naturally in the environment. They have been used to make cookware, carpets, clothing, fabrics for furniture, paper packaging for food, and other materials that are resistant to water, grease, or stains. They are also used in firefighting foams and in a number of industrial processes.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/22/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 68

Source: Department of Environmental Protection
Telephone: 717-787-4728
Last EDR Contact: 01/31/2019
Next Scheduled EDR Contact: 07/01/2019
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

ARCHIVE UST: Archived Underground Storage Tank Sites

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

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 56

Source: Department of Environmental Protection
Telephone: 717-772-5599
Last EDR Contact: 03/14/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ARCHIVE AST: Archived Aboveground Storage Tank Sites

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

Date of Government Version: 12/03/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/13/2018	Telephone: 717-772-5599
Date Made Active in Reports: 02/07/2019	Last EDR Contact: 03/14/2019
Number of Days to Update: 56	Next Scheduled EDR Contact: 06/24/2019
	Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 04/11/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/18/2019	Telephone: 202-564-6023
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Semi-Annually

ACT 2-DEED: Act 2-Deed Acknowledgment Sites

This listing pertains to sites where the Department has approved a cleanup requiring a deed acknowledgment under Act 2. This list includes sites remediated to a non-residential Statewide health standard (Section 303(g)); all sites demonstrating attainment of a Site-specific standard (Section 304(m)); and sites being remediated as a special industrial area (Section 305(g)). Persons who remediated a site to a standard that requires a deed acknowledgment shall comply with the requirements of the Solid Waste Management Act or the Hazardous Sites Cleanup Act, as referenced in Act 2. These statutes require a property description section in the deed concerning the hazardous substance disposal on the site. The location of disposed hazardous substances and a description of the type of hazardous substances disposed on the site shall be included in the deed acknowledgment. A deed acknowledgment is required at the time of conveyance of the property.

Date of Government Version: 04/23/2010	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/28/2010	Telephone: 717-783-9470
Date Made Active in Reports: 04/30/2010	Last EDR Contact: 07/22/2011
Number of Days to Update: 2	Next Scheduled EDR Contact: 11/07/2011
	Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 03/25/2019	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/26/2019	Telephone: 202-366-4555
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 03/26/2019
Number of Days to Update: 49	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

SPILLS: State spills

A listing of hazardous material incidents.

Date of Government Version: 04/01/2019	Source: DEP, Emergency Response
Date Data Arrived at EDR: 04/11/2019	Telephone: 717-787-5715
Date Made Active in Reports: 04/25/2019	Last EDR Contact: 04/08/2019
Number of Days to Update: 14	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-438-2474
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

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: 03/07/2019	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 04/03/2019	Telephone: 202-528-4285
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 05/21/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 09/02/2019
	Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/12/2019
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/12/2019
Number of Days to Update: 339	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 05/13/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/26/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/26/2019	Telephone: 202-566-1917
Date Made Active in Reports: 05/07/2019	Last EDR Contact: 03/26/2019
Number of Days to Update: 42	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 05/06/2019
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 05/10/2019
Number of Days to Update: 73	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/21/2017	Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 03/22/2019
Number of Days to Update: 198	Next Scheduled EDR Contact: 07/01/2019
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 01/10/2018	Telephone: 202-566-0250
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 05/24/2019
Number of Days to Update: 2	Next Scheduled EDR Contact: 09/02/2019
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 04/24/2019
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: 703-416-0223
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 04/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/02/2019	Telephone: 202-564-8600
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 04/22/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

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

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: 202-564-6023
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 05/10/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

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

Date of Government Version: 03/20/2019	Source: EPA
Date Data Arrived at EDR: 04/10/2019	Telephone: 202-566-0500
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 04/10/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 04/08/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

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

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 04/22/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 03/07/2019
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 03/05/2019
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 04/26/2019
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 04/02/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/02/2019	Telephone: 202-343-9775
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 04/02/2019
Number of Days to Update: 42	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

DOT OPS: Incident and Accident Data

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 51

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

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: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 30

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/11/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/18/2019	Telephone: 703-603-8787
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/12/2016	Source: EPA
Date Data Arrived at EDR: 10/26/2016	Telephone: 202-564-2496
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 100	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016	Source: EPA
Date Data Arrived at EDR: 10/26/2016	Telephone: 202-564-2496
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 100	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Annually

US MINES: Mines Master Index File

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

Date of Government Version: 11/27/2018	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 02/27/2019	Telephone: 303-231-5959
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 05/29/2019
Number of Days to Update: 33	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005	Source: USGS
Date Data Arrived at EDR: 02/29/2008	Telephone: 703-648-7709
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 05/31/2019
Number of Days to Update: 49	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 05/31/2019
Number of Days to Update: 97	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/27/2019	Source: Department of Interior
Date Data Arrived at EDR: 03/28/2019	Telephone: 202-208-2609
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 03/21/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 06/24/2019
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 02/15/2019	Source: EPA
Date Data Arrived at EDR: 03/05/2019	Telephone: (215) 814-5000
Date Made Active in Reports: 03/15/2019	Last EDR Contact: 06/05/2019
Number of Days to Update: 10	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017	Source: Department of Defense
Date Data Arrived at EDR: 01/17/2019	Telephone: 703-704-1564
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/15/2019
Number of Days to Update: 74	Next Scheduled EDR Contact: 07/29/2019
	Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 05/24/2019
Number of Days to Update: 71	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/07/2019
Date Data Arrived at EDR: 04/09/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/09/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 02/21/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 39

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

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

Date of Government Version: 12/17/2018
Date Data Arrived at EDR: 12/19/2018
Date Made Active in Reports: 02/06/2019
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 717-787-9702
Last EDR Contact: 03/20/2019
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Annually

ASBESTOS: Asbestos Notification Listing Asbestos sites

Date of Government Version: 11/30/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 01/02/2019
Number of Days to Update: 27

Source: Department of Labor & Industry
Telephone: 717-703-1092
Last EDR Contact: 06/05/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facility Locations A listing of drycleaner facility locations.

Date of Government Version: 12/17/2018
Date Data Arrived at EDR: 12/19/2018
Date Made Active in Reports: 02/06/2019
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 717-787-9702
Last EDR Contact: 03/20/2019
Next Scheduled EDR Contact: 07/01/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Annually

MINES: Abandoned Mine Land Inventory

This data set portrays the approximate location of Abandoned Mine Land Problem Areas containing public health, safety, and public welfare problems created by past coal mining.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 04/25/2019
Number of Days to Update: 1

Source: PASDA
Telephone: 814-863-0104
Last EDR Contact: 04/24/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPDES: NPDES Permit Listing

A listing of facilities with an NPDES permit.

Date of Government Version: 12/07/2018

Date Data Arrived at EDR: 12/07/2018

Date Made Active in Reports: 02/06/2019

Number of Days to Update: 61

Source: Department of Environmental Protection

Telephone: 717-787-9642

Last EDR Contact: 06/05/2019

Next Scheduled EDR Contact: 09/16/2019

Data Release Frequency: Varies

UIC: Underground Injection Wells

A listing of underground injection well locations.

Date of Government Version: 03/19/2019

Date Data Arrived at EDR: 03/20/2019

Date Made Active in Reports: 04/25/2019

Number of Days to Update: 36

Source: Department of Environmental Protection

Telephone: 717-783-7209

Last EDR Contact: 03/20/2019

Next Scheduled EDR Contact: 07/01/2019

Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department Environmental Protection in Pennsylvania.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department Environmental Protection in Pennsylvania.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department Environmental Protection in Pennsylvania.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/04/2019
Number of Days to Update: 20

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/10/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/30/2019
Date Made Active in Reports: 02/14/2019
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/01/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/17/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 01/16/2019
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 02/19/2019
Number of Days to Update: 33

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/11/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Child Care Facility List

Source: Department of Public Welfare

Telephone: 717-783-3856

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

State Wetlands Data: Wetlands Inventory

Source: Pennsylvania Spatial Data Access

Telephone: 610-344-6105

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

MCPHERSON LIBRARY
601 EAST INDIANA AVENUE
PHILADELPHIA, PA 19134

TARGET PROPERTY COORDINATES

Latitude (North): 39.994799 - 39° 59' 41.28"
Longitude (West): 75.118864 - 75° 7' 7.91"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 489852.8
UTM Y (Meters): 4426976.5
Elevation: 41 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 6035311 CAMDEN, NJ
Version Date: 2014

Northeast Map: 5949526 FRANKFORD, PA
Version Date: 2013

Southwest Map: 5947577 PHILADELPHIA, PA
Version Date: 2013

Northwest Map: 5949514 GERMANTOWN, PA
Version Date: 2013

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

Assessment of the impact of contaminant migration generally has two 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).

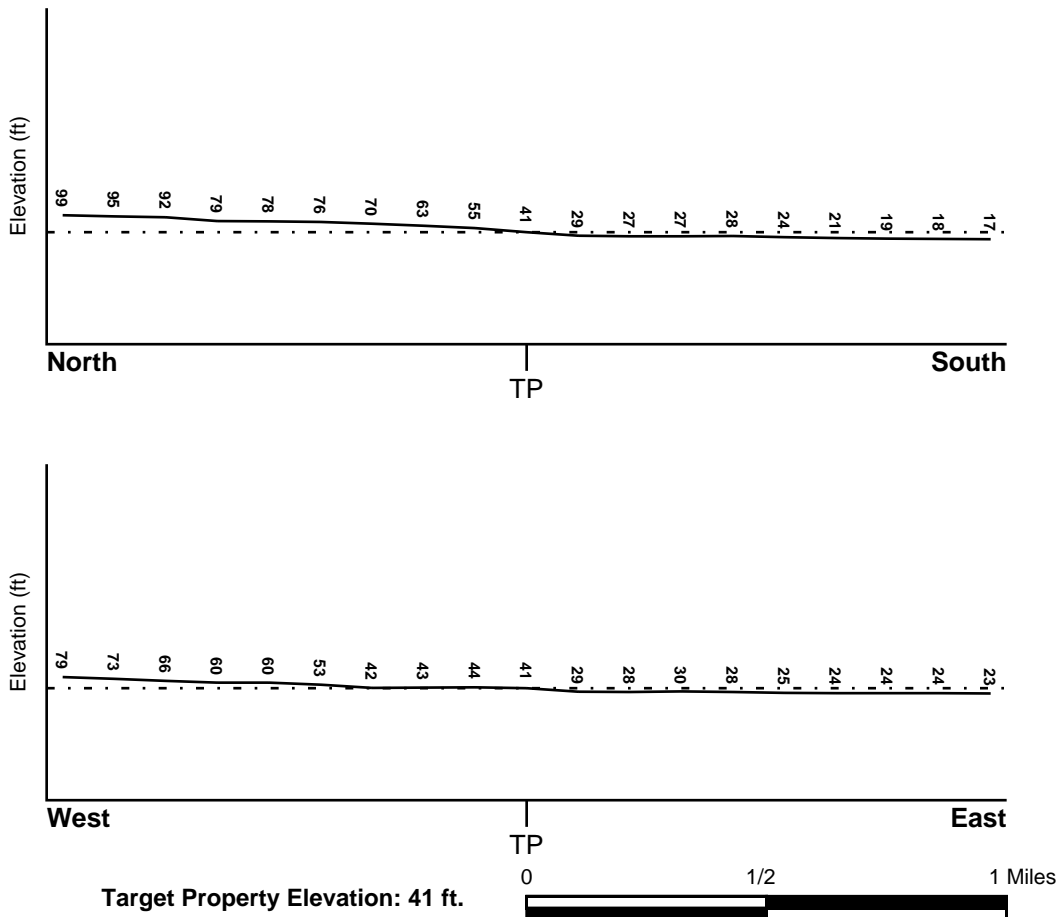
TOPOGRAPHIC INFORMATION

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 SSE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
4207570201H	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
4207570095F	FEMA Q3 Flood data
4207570113G	FEMA FIRM Flood data
42091C0415E	FEMA FIRM Flood data
4207570182F	FEMA Q3 Flood data
4207570182H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

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

HYDROGEOLOGIC INFORMATION

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

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
35	1/2 - 1 Mile WSW	Not Reported
AD82	1/2 - 1 Mile NE	Not Reported
AD88	1/2 - 1 Mile NE	SW
109	1/2 - 1 Mile NNW	Not Reported
1G	1/2 - 1 Mile NNW	Not Reported
2G	1/2 - 1 Mile NE	SW
3G	1/2 - 1 Mile NE	Not Reported
4G	1/2 - 1 Mile WSW	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

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

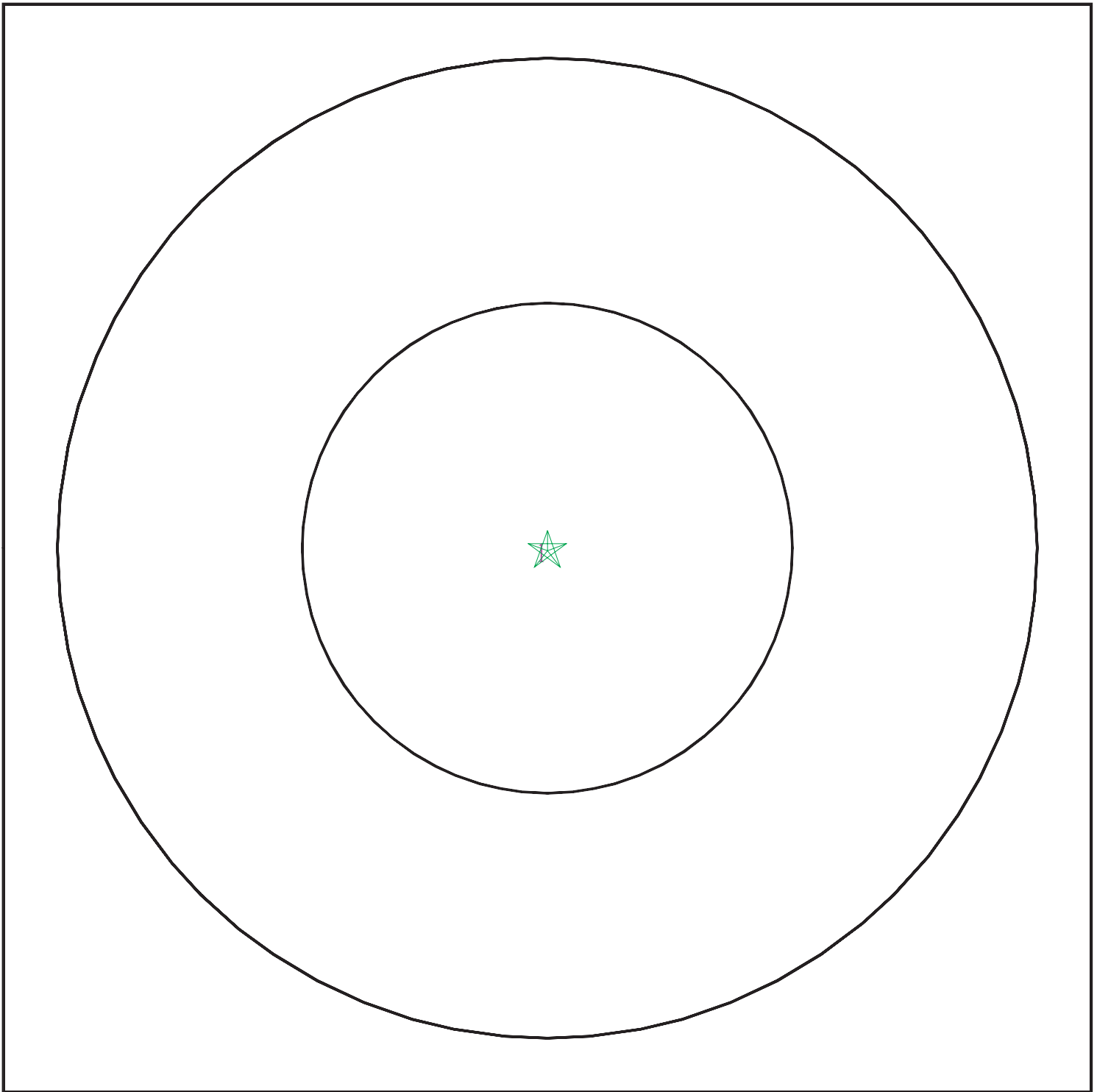
Era:	Paleozoic
System:	Cambrian
Series:	Cambrian
Code:	Ce <i>(decoded above as Era, System & Series)</i>

GEOLOGIC AGE IDENTIFICATION

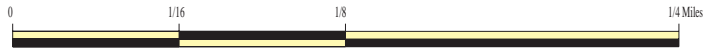
Category: Eugeosynclinal Deposits

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).

SSURGO SOIL MAP - 5676144.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: McPherson Library
ADDRESS: 601 East Indiana Avenue
Philadelphia PA 19134
LAT/LONG: 39.994799 / 75.118864

CLIENT: Duffield Associates, Inc.
CONTACT: Matthew Staunton
INQUIRY #: 5676144.2s
DATE: June 06, 2019 4:27 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	USGS40001004496	1/8 - 1/4 Mile SE
B5	USGS40001004773	1/4 - 1/2 Mile NNW
C6	USGS40001004401	1/4 - 1/2 Mile SSE
D9	USGS40001004888	1/4 - 1/2 Mile North
E11	USGS40001004659	1/2 - 1 Mile East
F14	USGS40001004555	1/2 - 1 Mile East
F15	USGS40001004556	1/2 - 1 Mile East
F17	USGS40001004523	1/2 - 1 Mile ESE
H20	USGS40001004479	1/2 - 1 Mile ESE
G21	USGS40001004830	1/2 - 1 Mile NE
I23	USGS40001004604	1/2 - 1 Mile East
J24	USGS40001004415	1/2 - 1 Mile ESE
K27	USGS40001004522	1/2 - 1 Mile East
L29	USGS40001004574	1/2 - 1 Mile East
L37	USGS40001004573	1/2 - 1 Mile East
N38	USGS40001004433	1/2 - 1 Mile ESE
Q45	USGS40001004847	1/2 - 1 Mile ENE
P46	USGS40001005043	1/2 - 1 Mile NNE
R48	USGS40001004371	1/2 - 1 Mile WSW
T52	USGS40001004982	1/2 - 1 Mile NE
U54	USGS40001004928	1/2 - 1 Mile NE
Y62	USGS40001004751	1/2 - 1 Mile WNW
X66	USGS40001005015	1/2 - 1 Mile NW
Z71	USGS40001004622	1/2 - 1 Mile West
Z72	USGS40001004623	1/2 - 1 Mile West
AB79	USGS40001005044	1/2 - 1 Mile NW
AE85	USGS40001005167	1/2 - 1 Mile North
AF86	USGS40001004206	1/2 - 1 Mile SW
AG89	USGS40001004497	1/2 - 1 Mile West
AH91	USGS40001004119	1/2 - 1 Mile SSW
AE94	USGS40001005202	1/2 - 1 Mile North
AG95	USGS40001004459	1/2 - 1 Mile WSW
AG97	USGS40001004480	1/2 - 1 Mile West
AI99	USGS40001004434	1/2 - 1 Mile WSW
AJ100	USGS40001004167	1/2 - 1 Mile SW
AL105	USGS40001005027	1/2 - 1 Mile NW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	PASI60000398170	0 - 1/8 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

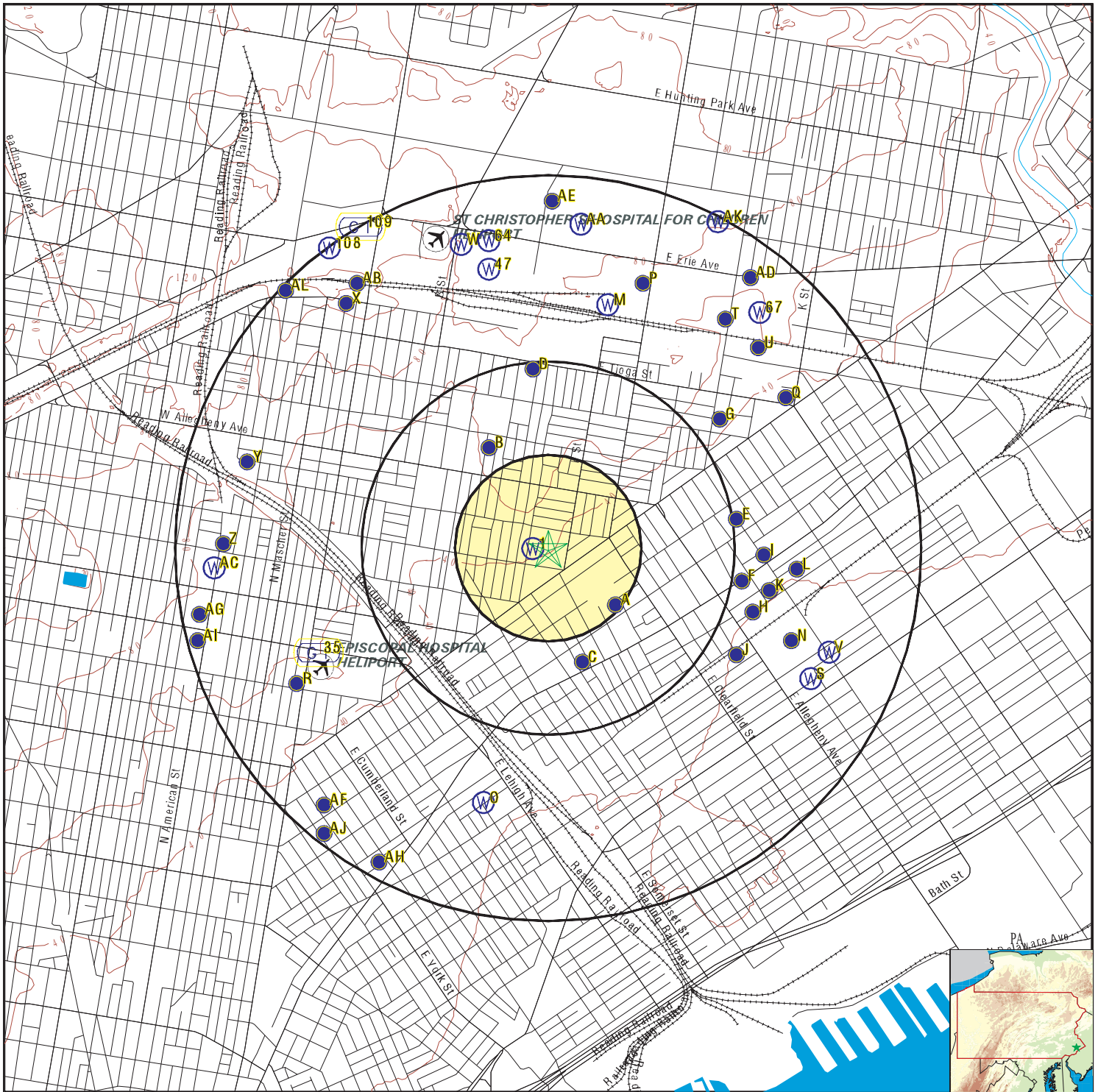
MAP ID	WELL ID	LOCATION FROM TP
A3	PASI60000030148	1/8 - 1/4 Mile SE
B4	PASI60000030173	1/4 - 1/2 Mile NNW
C7	PASI60000030138	1/4 - 1/2 Mile SSE
D8	PASI60000030523	1/4 - 1/2 Mile North
E10	PASI60000030167	1/2 - 1 Mile East
F12	PASI60000030151	1/2 - 1 Mile East
F13	PASI60000030152	1/2 - 1 Mile East
F16	PASI60000030519	1/2 - 1 Mile ESE
G18	PASI60000030177	1/2 - 1 Mile NE
H19	PASI60000030146	1/2 - 1 Mile ESE
I22	PASI60000030160	1/2 - 1 Mile East
J25	PASI60000030142	1/2 - 1 Mile ESE
K26	PASI60000030149	1/2 - 1 Mile East
L28	PASI60000030155	1/2 - 1 Mile East
M30	PASI60000411343	1/2 - 1 Mile NNE
M31	PASI60000411342	1/2 - 1 Mile NNE
M32	PASI60000411396	1/2 - 1 Mile NNE
M33	PASI60000411399	1/2 - 1 Mile NNE
M34	PASI60000411398	1/2 - 1 Mile NNE
L36	PASI60000030520	1/2 - 1 Mile East
N39	PASI60000030143	1/2 - 1 Mile ESE
O40	PASI60000387265	1/2 - 1 Mile SSW
O41	PASI60000387268	1/2 - 1 Mile SSW
O42	PASI60000388135	1/2 - 1 Mile SSW
P43	PASI60000030221	1/2 - 1 Mile NNE
Q44	PASI60000030179	1/2 - 1 Mile ENE
47	PASI60000131894	1/2 - 1 Mile NNW
R49	PASI60000030133	1/2 - 1 Mile WSW
S50	PASI60000419174	1/2 - 1 Mile ESE
T51	PASI60000030206	1/2 - 1 Mile NE
U53	PASI60000030194	1/2 - 1 Mile NE
S55	PASI60000419173	1/2 - 1 Mile ESE
V56	PASI60000419253	1/2 - 1 Mile ESE
S57	PASI60000419254	1/2 - 1 Mile ESE
V58	PASI60000419175	1/2 - 1 Mile ESE
V59	PASI60000419252	1/2 - 1 Mile ESE
W60	PASI60000131895	1/2 - 1 Mile NNW
X61	PASI60000388230	1/2 - 1 Mile NW
Y63	PASI60000030522	1/2 - 1 Mile WNW
64	PASI60000131892	1/2 - 1 Mile North
X65	PASI60000030213	1/2 - 1 Mile NW
67	PASI60000412157	1/2 - 1 Mile NE
X68	PASI60000388229	1/2 - 1 Mile NW
X69	PASI60000388228	1/2 - 1 Mile NW
X70	PASI60000388792	1/2 - 1 Mile NW
Z73	PASI60000030162	1/2 - 1 Mile West
Z74	PASI60000030163	1/2 - 1 Mile West
AA75	PASI60000414890	1/2 - 1 Mile North
AA76	PASI60000414891	1/2 - 1 Mile North
W77	PASI60000131893	1/2 - 1 Mile NNW
AB78	PASI60000030222	1/2 - 1 Mile NW
Z80	PASI60000389484	1/2 - 1 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

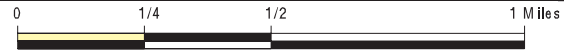
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
AC81	PASI60000389485	1/2 - 1 Mile West
AE83	PASI60000030238	1/2 - 1 Mile North
AC84	PASI60000388869	1/2 - 1 Mile West
AF87	PASI60000030122	1/2 - 1 Mile SW
AG90	PASI60000030517	1/2 - 1 Mile West
AH92	PASI60000030108	1/2 - 1 Mile SSW
AE93	PASI60000030240	1/2 - 1 Mile North
AG96	PASI60000030145	1/2 - 1 Mile WSW
AG98	PASI60000030516	1/2 - 1 Mile West
AI101	PASI60000030144	1/2 - 1 Mile WSW
AJ102	PASI60000030113	1/2 - 1 Mile SW
AK103	PASI60000376944	1/2 - 1 Mile NNE
AL104	PASI60000030215	1/2 - 1 Mile NW
AK106	PASI60000376969	1/2 - 1 Mile NNE
AK107	PASI60000376946	1/2 - 1 Mile NNE
108	PASI60000030232	1/2 - 1 Mile NW

PHYSICAL SETTING SOURCE MAP - 5676144.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Oil, gas or related wells



SITE NAME: McPherson Library
 ADDRESS: 601 East Indiana Avenue
 Philadelphia PA 19134
 LAT/LONG: 39.994799 / 75.118864

CLIENT: Duffield Associates, Inc.
 CONTACT: Matthew Staunton
 INQUIRY #: 5676144.2s
 DATE: June 06, 2019 4:26 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
West
0 - 1/8 Mile
Higher

PA WELLS PASI60000398170

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	17	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	09-JUN-10
Local Permit #:	Not Reported		

Owner ID:	7461377	Ownership Date:	Not Reported
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Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

Comments: The Site Is At Community Center At 2800 North American St., Phila. Pa

A2
SE
1/8 - 1/4 Mile
Lower

FED USGS USGS40001004496

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 620	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19060101
Well Depth:	300	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels, Number of Measurements:	1	Level reading date:	1906-01-01
Feet below surface:	61.00	Feet to sea level:	Not Reported
Note:	Not Reported		

A3
SE
1/8 - 1/4 Mile
Lower

PA WELLS PASI60000030148

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30150	Local Well #:	PH 620
Aquifer:	WISSAHICKON FORMATION	Topography:	Valley Flat
Well Depth:	300	Elevation:	30
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-06
Local Permit #:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner ID:	29939	Ownership Date:	01-JAN-06
Construction Date:	01-JAN-06	Driller:	-204
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Reported, Method not known	Static Water Level (ft):	61.
Discharge:	100.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	Not Reported
Production Water Level (ft):	Not Reported	Test Length (min):	Not Reported
Yield (gmp/ft):	Not Reported	Date Discharged:	01-JAN-06
SiteStatus at Test:	Not Reported		
Lithology:	SCHIST	Contiubting Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**B4
NNW
1/4 - 1/2 Mile
Higher**

PA WELLS PASI60000030173

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30175	Local Well #:	PH 675
Aquifer:	WISSAHICKON FORMATION	Topography:	Hillside
Well Depth:	159	Elevation:	70
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-10
Local Permit #:	Not Reported		
Owner ID:	29967	Ownership Date:	01-JAN-10
Construction Date:	01-JAN-10	Driller:	-204
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Reported, Method not known	Static Water Level (ft):	16.
Discharge:	28.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	Not Reported
Production Water Level (ft):	Not Reported	Test Length (min):	Not Reported
Yield (gmp/ft):	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

SiteStatus at Test:	Not Reported	Date Discharged:	01-JAN-10
Lithology:	SCHIST	Contiubting Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**B5
NNW
1/4 - 1/2 Mile
Higher**

FED USGS USGS40001004773

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 675	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19100101
Well Depth:	159	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported
Ground water levels,Number of Measurements:		2	Level reading date:
Feet below surface:	16.00		1910-01-01
Note:	Not Reported		Feet to sea level:
			Not Reported
Level reading date:	1910-01-01	Feet below surface:	16.00
Feet to sea level:	Not Reported	Note:	Not Reported

**C6
SSE
1/4 - 1/2 Mile
Lower**

FED USGS USGS40001004401

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 619	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19480101
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

C7
SSE
 1/4 - 1/2 Mile
 Lower

PA WELLS PASI60000030138

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30140	Local Well #:	PH 619
Aquifer:	WISSAHICKON FORMATION	Topography:	Valley Flat
Well Depth:	0	Elevation:	30
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-48
Local Permit #:	Not Reported		
Owner ID:	29927	Ownership Date:	01-JAN-48
Construction Date:	Not Reported	Driller:	0508
Source of Construction Data:	WELL OWNER	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Lithology:	SCHIST	Contiubting Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

D8
North
 1/4 - 1/2 Mile
 Higher

PA WELLS PASI60000030523

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30525	Local Well #:	PH 674
Aquifer:	WISSAHICKON FORMATION	Topography:	Hillside
Well Depth:	500	Elevation:	80
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	05-APR-51
Local Permit #:	Not Reported		
Owner ID:	30362	Ownership Date:	05-APR-51
Owner ID:	30363	Ownership Date:	01-JAN-74
Construction Date:	05-APR-51	Driller:	0249
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	13.1	Agency Providing Data:	Usgs Or Pags
WL Measurement Method:	STEEL TAPE	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	STATIC WATER LEVEL
Date Discharged:	28-DEC-78		
Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Not Reported	Discharge:	40.
Static Water Level (ft):	Not Reported	Agency Providing Data:	Drillers Record
WL Measurement Method:	Not Reported	Production Water Level (ft):	119.
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	Not Reported
Date Discharged:	05-APR-51		
Lithology:	SCHIST	Contiubting Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	UNUSED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**D9
North
1/4 - 1/2 Mile
Higher**

FED USGS USGS40001004888

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 674	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19510405
Well Depth:	500	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported
Ground water levels,Number of Measurements:	4	Level reading date:	1978-12-28
Feet below surface:	13.12	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1978-12-28	Feet below surface:	13.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1951-04-05	Feet below surface:	25
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1951-04-05	Feet below surface:	25
Feet to sea level:	Not Reported	Note:	Not Reported

E10
East
1/2 - 1 Mile
Lower

PA WELLS PASI60000030167

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30169	Local Well #:	PH 744
Aquifer:	WISSAHICKON FORMATION	Topography:	Valley Flat
Well Depth:	230	Elevation:	25
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	14-JAN-76
Local Permit #:	Not Reported		
Owner ID:	29961	Ownership Date:	14-JAN-76
Construction Date:	Not Reported	Driller:	0248
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Air Rotary
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported
Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Not Reported	Discharge:	100.
Static Water Level (ft):	11.6087	Agency Providing Data:	Drillers Record
WL Measurement Method:	Not Reported	Production Water Level (ft):	229.
Drawdown (ft):	Not Reported	Yield (gmp/ft):	0.46
Test Length (min):	1.	SiteStatus at Test:	Not Reported
Date Discharged:	14-JAN-76		
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	UNUSED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

E11
East
1/2 - 1 Mile
Lower

FED USGS USGS40001004659

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 744	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19760114
Well Depth:	230	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels, Number of Measurements:	2	Level reading date:	1976-01-14
Feet below surface:	13.00	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1976-01-14	Feet below surface:	13.00
Feet to sea level:	Not Reported	Note:	Not Reported

**F12
East
1/2 - 1 Mile
Lower**

PA WELLS PASI60000030151

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30153	Local Well #:	PH 393
Aquifer:	WISSAHICKON FORMATION	Topography:	Valley Flat
Well Depth:	500	Elevation:	30
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-NOV-41
Local Permit #:	Not Reported		

Owner ID:	29942	Ownership Date:	01-NOV-41
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Construction Date:	01-NOV-41	Driller:	-387
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported

Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Reported, Method not known	Static Water Level (ft):	Not Reported
Discharge:	19.	WL Measurement Method:	Not Reported
Agency Providing Data:	Not Reported	Drawdown (ft):	Not Reported
Production Water Level (ft):	Not Reported	Test Length (min):	Not Reported
Yield (gmp/ft):	Not Reported	Date Discharged:	01-NOV-41
Site Status at Test:	Not Reported		

Lithology:	SCHIST	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported

Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported
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Other Identifier:	2	Assigned By:	OWNER PA
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

F13
East
1/2 - 1 Mile
Lower

PA WELLS PASI60000030152

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30154	Local Well #:	PH 773
Aquifer:	WISSAHICKON FORMATION	Topography:	Valley Flat
Well Depth:	0	Elevation:	24
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	29943	Ownership Date:	18-DEC-78
Construction Date:	Not Reported	Driller:	1
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	12.2	Agency Providing Data:	Usgs Or Pags
WL Measurement Method:	STEEL TAPE	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	STATIC WATER LEVEL
Date Discharged:	18-DEC-78		
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

F14
East
1/2 - 1 Mile
Lower

FED USGS USGS40001004555

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 393	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19411101

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Depth:	500	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

F15
East
1/2 - 1 Mile
Lower

FED USGS USGS40001004556

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 773	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels, Number of Measurements:	1	Level reading date:	1978-12-18
Feet below surface:	12.22	Feet to sea level:	Not Reported
Note:	Not Reported		

F16
ESE
1/2 - 1 Mile
Lower

PA WELLS PASI60000030519

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30521	Local Well #:	PH 392
Aquifer:	WISSAHICKON FORMATION	Topography:	Valley Flat
Well Depth:	478	Elevation:	30
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	08-MAY-40
Local Permit #:	Not Reported		

Owner ID:	30357	Ownership Date:	01-JAN-40
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Construction Date:	08-MAY-40	Driller:	0249
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported

Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Reported, Method not known		
Discharge:	45.	Static Water Level (ft):	15.
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	08-MAY-40

Lithology:	SCHIST	Contiubting Unit:	Primary
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported
Other Identifier:	1	Assigned By:	OWNER PA

**F17
ESE
1/2 - 1 Mile
Lower**

FED USGS USGS40001004523

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 392	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19400508
Well Depth:	478	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported
Ground water levels,Number of Measurements:	1	Level reading date:	1940-05-08
Feet below surface:	15.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**G18
NE
1/2 - 1 Mile
Higher**

PA WELLS PASI60000030177

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30179	Local Well #:	PH 671
Aquifer:	WISSAHICKON FORMATION	Topography:	Hillside
Well Depth:	550	Elevation:	50
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-MAY-34
Local Permit #:	Not Reported		
Owner ID:	29971	Ownership Date:	01-MAY-34
Construction Date:	01-MAY-34	Driller:	-387
Source of Construction Data:	WELL OWNER	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	82.
Static Water Level (ft):	Not Reported	Agency Providing Data:	Not Reported
WL Measurement Method:	Not Reported	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	Not Reported
Date Discharged:	01-MAY-34		
Lithology:	SCHIST	Contiubting Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**H19
ESE
1/2 - 1 Mile
Lower**

PA WELLS PASI60000030146

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30148	Local Well #:	PH 622
Aquifer:	WISSAHICKON FORMATION	Topography:	Valley Flat
Well Depth:	175	Elevation:	20
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-37
Local Permit #:	Not Reported		
Owner ID:	29937	Ownership Date:	01-JAN-37
Construction Date:	01-JAN-37	Driller:	0297
Source of Construction Data:	WELL OWNER	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Lithology:	SCHIST	Contiubting Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

H20
ESE
1/2 - 1 Mile
Lower

FED USGS USGS40001004479

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 622	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19370101
Well Depth:	175	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

G21
NE
1/2 - 1 Mile
Higher

FED USGS USGS40001004830

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 671	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19340501
Well Depth:	550	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

I22
East
1/2 - 1 Mile
Lower

PA WELLS PASI60000030160

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30162	Local Well #:	PH 623
Aquifer:	WISSAHICKON FORMATION	Topography:	Valley Flat
Well Depth:	50	Elevation:	30
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-07
Local Permit #:	Not Reported		

Owner ID:	29953	Ownership Date:	01-JAN-07
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Construction Date:	01-JAN-07	Driller:	-204
Source of Construction Data:	WELL OWNER	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Reported, Method not known	Static Water Level (ft):	12.
Discharge:	5.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	Not Reported
Production Water Level (ft):	Not Reported	Test Length (min):	Not Reported
Yield (gmp/ft):	Not Reported	Date Discharged:	01-JAN-07
SiteStatus at Test:	Not Reported		
Lithology:	SCHIST	Contiubting Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

J23
East
1/2 - 1 Mile
Lower

FED USGS USGS40001004604

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 623	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19070101
Well Depth:	50	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported
Ground water levels,Number of Measurements:	1	Level reading date:	1907-01-01
Feet below surface:	12.00	Feet to sea level:	Not Reported
Note:	Not Reported		

J24
ESE
1/2 - 1 Mile
Lower

FED USGS USGS40001004415

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 391	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19040101
Well Depth:	206	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground water levels, Number of Measurements:	1	Level reading date:	1904-01-01
Feet below surface:	27.00	Feet to sea level:	Not Reported
Note:	Not Reported		

J25
ESE
1/2 - 1 Mile
Lower

PA WELLS PASI60000030142

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30144	Local Well #:	PH 391
Aquifer:	WISSAHICKON FORMATION	Topography:	Valley Flat
Well Depth:	206	Elevation:	20
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-04
Local Permit #:	Not Reported		
Owner ID:	29931	Ownership Date:	01-JAN-04
Construction Date:	01-JAN-04	Driller:	-204
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	WELL OWNER
Discharge Measurement Method:	Reported, Method not known	Static Water Level (ft):	27.
Discharge:	100.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	Not Reported
Production Water Level (ft):	Not Reported	Test Length (min):	Not Reported
Yield (gmp/ft):	Not Reported	Date Discharged:	01-JAN-04
SiteStatus at Test:	Not Reported		
Lithology:	SCHIST	Contiubting Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

K26
East
1/2 - 1 Mile
Lower

PA WELLS PASI60000030149

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30151	Local Well #:	PH 621
Aquifer:	WISSAHICKON FORMATION	Topography:	Valley Flat
Well Depth:	1100	Elevation:	20
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-04

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local Permit #:	Not Reported		
Owner ID:	29940	Ownership Date:	01-JAN-04
Construction Date:	01-JAN-04	Driller:	1
Source of Construction Data:	WELL OWNER	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Lithology:	SCHIST	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

K27
East
1/2 - 1 Mile
Lower

FED USGS USGS40001004522

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 621	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19040101
Well Depth:	1100	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

L28
East
1/2 - 1 Mile
Lower

PA WELLS PASI60000030155

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30157	Local Well #:	PH 394
Aquifer:	WISSAHICKON FORMATION	Topography:	Valley Flat
Well Depth:	505	Elevation:	20
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	21-AUG-47
Local Permit #:	Not Reported		

Owner ID:	29946	Ownership Date:	21-AUG-47
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Date:	21-AUG-47	Driller:	0249
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Reported, Method not known	Static Water Level (ft):	25.
Discharge:	22.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	161.
Production Water Level (ft):	186.	Test Length (min):	Not Reported
Yield (gmp/ft):	0.14	Date Discharged:	21-AUG-47
SiteStatus at Test:	Not Reported		
Lithology:	SCHIST	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported
Other Identifier:	1	Assigned By:	OWNER PA

L29
East
1/2 - 1 Mile
Lower

FED USGS USGS40001004574

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center	Type:	Well
Monitor Location:	PH 394	HUC:	02040202
Description:	Not Reported	Drainage Area Units:	Not Reported
Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported		
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19470821
Well Depth:	505	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels, Number of Measurements:	1	Level reading date:	1947-08-21
Feet below surface:	25.00	Feet to sea level:	Not Reported
Note:	Not Reported		

M30
NNE
1/2 - 1 Mile
Higher

PA WELLS PASI60000411343

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	7	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	21-JAN-13
Local Permit #:	Not Reported		

Owner ID:	7474849	Ownership Date:	Not Reported
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Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

**M31
NNE
1/2 - 1 Mile
Higher**

PA WELLS PASI60000411342

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	7	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	21-JAN-13
Local Permit #:	Not Reported		

Owner ID:	7474848	Ownership Date:	Not Reported
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Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

**M32
NNE
1/2 - 1 Mile
Higher**

PA WELLS PASI60000411396

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	20	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	22-JAN-13
Local Permit #:	Not Reported		

Owner ID:	7474850	Ownership Date:	Not Reported
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Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

M33
NNE
1/2 - 1 Mile
Higher

PA WELLS PASI60000411399

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	20	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	22-JAN-13
Local Permit #:	Not Reported		

Owner ID:	7474852	Ownership Date:	Not Reported
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Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

M34
NNE
1/2 - 1 Mile
Higher

PA WELLS PASI60000411398

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	20	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	22-JAN-13
Local Permit #:	Not Reported		

Owner ID:	7474851	Ownership Date:	Not Reported
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Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

35
WSW
1/2 - 1 Mile
Higher

AQUIFLOW 46577

Site ID:	51-45954
Groundwater Flow:	Not Reported
Shallowest Water Table Depth:	Not Reported
Deepest Water Table Depth:	Not Reported
Average Water Table Depth:	13
Date:	08/04/1994

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

L36
East
1/2 - 1 Mile
Lower

PA WELLS PASI60000030520

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30522	Local Well #:	PH 395
Aquifer:	WISSAHICKON FORMATION	Topography:	Valley Flat
Well Depth:	583	Elevation:	28.7
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-51
Local Permit #:	Not Reported		
Owner ID:	30358	Ownership Date:	01-JAN-51
Construction Date:	01-JAN-51	Driller:	0297
Source of Construction Data:	WELL OWNER	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported
Discharge Type:	Pumped	Data Source:	WELL OWNER
Discharge Measurement Method:	Reported, Method not known		
Discharge:	55.	Static Water Level (ft):	19.6
Agency Providing Data:	Usgs Or Pags	WL Measurement Method:	STEEL TAPE
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	18-DEC-78
Lithology:	SCHIST	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported
Other Identifier:	2	Assigned By:	OWNER PA

L37
East
1/2 - 1 Mile
Lower

FED USGS USGS40001004573

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 395	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19510101
Well Depth:	583	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1978-12-18
Feet below surface:	19.64	Feet to sea level:	Not Reported
Note:	Not Reported		

**N38
ESE
1/2 - 1 Mile
Lower**

FED USGS USGS40001004433

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 388	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19150101
Well Depth:	553	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	2	Level reading date:	1978-12-18
Feet below surface:	12.05	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1953-12-04	Feet below surface:	13.45
Feet to sea level:	Not Reported	Note:	Not Reported

**N39
ESE
1/2 - 1 Mile
Lower**

PA WELLS PASI60000030143

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30145	Local Well #:	PH 388
Aquifer:	WISSAHICKON FORMATION	Topography:	Valley Flat
Well Depth:	553	Elevation:	20.1
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-15
Local Permit #:	Not Reported		

Owner ID:	29932	Ownership Date:	01-JAN-15
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Owner ID:	29933	Ownership Date:	01-JAN-65
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Construction Date:	01-JAN-15	Driller:	-204
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Cable Tool
How Finished:	Finished with Mfg Well Screen	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Type:	Not Reported	Original Driller Name:	Not Reported
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	12.	Agency Providing Data:	Usgs Or Pags
WL Measurement Method:	STEEL TAPE	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	STATIC WATER LEVEL
Date Discharged:	18-DEC-78		
Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Reported, Method not known	Static Water Level (ft):	Not Reported
Discharge:	100.	WL Measurement Method:	Not Reported
Agency Providing Data:	Not Reported	Drawdown (ft):	Not Reported
Production Water Level (ft):	Not Reported	Test Length (min):	Not Reported
Yield (gmp/ft):	Not Reported	Date Discharged:	01-JAN-15
SiteStatus at Test:	Not Reported		
Lithology:	SCHIST	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	UNUSED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

O40
SSW
1/2 - 1 Mile
Lower

PA WELLS PASI60000387265

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	16	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	13-AUG-09
Local Permit #:	Not Reported		

Owner ID:	7456757	Ownership Date:	Not Reported
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Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

Comments: The Site Is The Former Calbar Property At 2628 North Martha St. And North Martha St. Is Between East Lehigh Ave & East Huntingdon St. Note: Total Number Of Bags Used For The Abandonment Was (1)

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

O41
SSW
1/2 - 1 Mile
Lower

PA WELLS PASI60000387268

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	16	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	13-AUG-09
Local Permit #:	Not Reported		

Owner ID:	7445131	Ownership Date:	Not Reported
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Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

Comments: The Site Is The Former Calbar Property At 2628 North Martha St. And North Martha St. Is Between East Lehigh Ave & East Huntingdon St. Note: Total Number Of Bags Used For The Abandonment Was (1)

O42
SSW
1/2 - 1 Mile
Lower

PA WELLS PASI60000388135

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	16	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	13-AUG-09
Local Permit #:	Not Reported		

Owner ID:	7448602	Ownership Date:	Not Reported
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Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

Comments: The Site Is The Former Calbar Property At 2628 North Martha St. And North Martha St. Is Between East Lehigh Ave & East Huntingdon St. Note: Total Number Of Bags Used For The Abandonment Was (1)

P43
NNE
1/2 - 1 Mile
Higher

PA WELLS PASI6000030221

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30223	Local Well #:	PH 673
Aquifer:	WISSAHICKON FORMATION	Topography:	Hillside
Well Depth:	616	Elevation:	80
Site Type:	W	Depth to Bedrock:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Saltwater Zone:	0	Date Drilled:	29-AUG-41
Local Permit #:	Not Reported		
Owner ID:	30020	Ownership Date:	29-AUG-41
Construction Date:	29-AUG-41	Driller:	-214
Source of Construction Data:	WELL OWNER	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	WELL OWNER
Discharge Measurement Method:	Not Reported	Discharge:	123.
Static Water Level (ft):	Not Reported	Agency Providing Data:	Not Reported
WL Measurement Method:	Not Reported	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	Not Reported
Date Discharged:	Not Reported		
Lithology:	SCHIST	Contiubting Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**Q44
ENE
1/2 - 1 Mile
Lower**

PA WELLS PASI60000030179

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30181	Local Well #:	PH 669
Aquifer:	WISSAHICKON FORMATION	Topography:	Valley Flat
Well Depth:	300	Elevation:	40
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-DEC-34
Local Permit #:	Not Reported		
Owner ID:	29973	Ownership Date:	01-DEC-34
Construction Date:	01-DEC-34	Driller:	-387
Source of Construction Data:	WELL OWNER	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Lithology:	SCHIST	Contiubting Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

Q45
ENE
1/2 - 1 Mile
Lower

FED USGS USGS40001004847

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 669	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19341201
Well Depth:	300	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

P46
NNE
1/2 - 1 Mile
Higher

FED USGS USGS40001005043

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 673	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19410829
Well Depth:	616	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

47
NNW
1/2 - 1 Mile
Higher

PA WELLS PASI60000131894

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	131998	Local Well #:	0038N
Aquifer:	PENSAUKEN FORMATION	Topography:	Flat Surface
Well Depth:	38	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-OCT-85
Local Permit #:	Not Reported		

Owner ID:	131214	Ownership Date:	Not Reported
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Date:	01-OCT-85	Driller:	1696
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Finished with Mfg Well Screen		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	Not Reported	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	01-OCT-85
Lithology:	Not Reported	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	TEST	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported
Comments:	Cas.Mat=Plast;1ft=Grav;4ft=Fillsiltsand;38ft=Gmbrnschist		

R48
WSW
1/2 - 1 Mile
Higher

FED USGS USGS40001004371

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 657	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19370626
Well Depth:	469	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported
Ground water levels,Number of Measurements:	1	Level reading date:	1937-06-26
Feet below surface:	14.00	Feet to sea level:	Not Reported
Note:	Not Reported		

R49
WSW
1/2 - 1 Mile
Higher

PA WELLS PASI60000030133

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30135	Local Well #:	PH 657
Aquifer:	WISSAHICKON FORMATION	Topography:	Hillside
Well Depth:	469	Elevation:	660
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	26-JUN-37
Local Permit #:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner ID:	29921	Ownership Date:	01-JUN-37
Construction Date:	26-JUN-37	Driller:	0249
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Reported, Method not known	Static Water Level (ft):	13.63637
Discharge:	57.	WL Measurement Method:	Not Reported
Agency Providing Data:	Not Reported	Drawdown (ft):	Not Reported
Production Water Level (ft):	100.	Test Length (min):	Not Reported
Yield (gmp/ft):	0.66	Date Discharged:	26-JUN-37
SiteStatus at Test:	Not Reported		
Lithology:	SCHIST	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**S50
ESE
1/2 - 1 Mile
Lower**

PA WELLS PASI60000419174

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	16	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	31-JAN-14
Local Permit #:	Not Reported		

Owner ID:	7482673	Ownership Date:	Not Reported
Site Use:	K	Date of Use:	Not Reported
Water Use:	OTHER	Notes:	Not Reported

Comments: Job Located Off Rt. 95 Onto E. Allegheny Ave To 2301 E. Allegheny Ave. Site Is Northeastern Hospital Located Between Memphis And Tulip Sts.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

T51
NE
1/2 - 1 Mile
Higher

PA WELLS PASI60000030206

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30208	Local Well #:	PH 672
Aquifer:	WISSAHICKON FORMATION	Topography:	Hillside
Well Depth:	532	Elevation:	60
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-37
Local Permit #:	Not Reported		
Owner ID:	30003	Ownership Date:	01-JAN-37
Owner ID:	30004	Ownership Date:	28-DEC-78
Construction Date:	01-JAN-37	Driller:	1
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported
Discharge Type:	Pumped	Data Source:	WELL OWNER
Discharge Measurement Method:	Reported, Method not known		
Discharge:	20.	Static Water Level (ft):	5.44
Agency Providing Data:	Usgs Or Pags	WL Measurement Method:	STEEL TAPE
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	28-DEC-78
Lithology:	SCHIST	Contiubting Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	UNUSED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

T52
NE
1/2 - 1 Mile
Higher

FED USGS USGS40001004982

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 672	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19370101
Well Depth:	532	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	2	Level reading date:	1978-12-28
Feet below surface:	5.44	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1978-12-28	Feet below surface:	5.44
Feet to sea level:	Not Reported	Note:	Not Reported

**U53
NE
1/2 - 1 Mile
Higher**

PA WELLS PASI60000030194

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30196	Local Well #:	PH 670
Aquifer:	WISSAHICKON FORMATION	Topography:	Hillside
Well Depth:	502	Elevation:	60
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	18-FEB-20
Local Permit #:	Not Reported		

Owner ID:	29990	Ownership Date:	18-FEB-20
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Construction Date:	18-FEB-20	Driller:	-387
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		

Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	60.
Static Water Level (ft):	20.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN	Drawdown (ft):	Not Reported
Production Water Level (ft):	Not Reported	Test Length (min):	Not Reported
Yield (gmp/ft):	Not Reported	Date Discharged:	18-FEB-20
SiteStatus at Test:	Not Reported		

Lithology:	SCHIST	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported

Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported
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Comments: Plunger

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

U54
NE
1/2 - 1 Mile
Higher

FED USGS USGS40001004928

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 670	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19200218
Well Depth:	502	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	2	Level reading date:	1920-02-18
Feet below surface:	20.00	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1920-02-18	Feet below surface:	20.00
Feet to sea level:	Not Reported	Note:	Not Reported

S55
ESE
1/2 - 1 Mile
Lower

PA WELLS PASI60000419173

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	16	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	31-JAN-14
Local Permit #:	Not Reported		

Owner ID:	7482645	Ownership Date:	Not Reported
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Site Use:	K	Date of Use:	Not Reported
Water Use:	OTHER	Notes:	Not Reported

Comments: Job Located Off Rt. 95 Onto E. Allegheny Ave To 2301 E. Allegheny Ave. Site Is Northeastern Hospital Located Between Memphis And Tulip Sts.

V56
ESE
1/2 - 1 Mile
Lower

PA WELLS PASI60000419253

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	16	Elevation:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	31-JAN-14
Local Permit #:	Not Reported		

Owner ID:	7482636	Ownership Date:	Not Reported
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Site Use:	K	Date of Use:	Not Reported
Water Use:	OTHER	Notes:	Not Reported

Comments: Job Located Off Rt. 95 Onto E. Allegheny Ave. To 2301 E. Allegheny Ave Which Is Northeastern Hospital Located Between Memphis And Tulip Sts.

**S57
ESE
1/2 - 1 Mile
Lower**

PA WELLS PASI60000419254

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	16	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	31-JAN-14
Local Permit #:	Not Reported		

Owner ID:	7482604	Ownership Date:	Not Reported
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Site Use:	K	Date of Use:	Not Reported
Water Use:	OTHER	Notes:	Not Reported

Comments: Job Located Off Rt. 95 Onto E. Allegheny Ave. To 2301 E. Allegheny. Location Is Northeastern Hospital, Between Memphis And Tulip Sts.

**V58
ESE
1/2 - 1 Mile
Lower**

PA WELLS PASI60000419175

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	5	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	31-JAN-14
Local Permit #:	Not Reported		

Owner ID:	7482646	Ownership Date:	Not Reported
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Site Use:	K	Date of Use:	Not Reported
Water Use:	OTHER	Notes:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments: Job Located Off Rt. 95 Onto E. Allegheny Ave To 2301 E. Allegheny Ave. Site Is Northeastern Hospital. This Well Located In Basement.

**V59
ESE
1/2 - 1 Mile
Lower**

PA WELLS PASI60000419252

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	16	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	31-JAN-14
Local Permit #:	Not Reported		

Owner ID:	7482635	Ownership Date:	Not Reported
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Site Use:	K	Date of Use:	Not Reported
Water Use:	OTHER	Notes:	Not Reported

Comments: Job Located Off Rt. 95 Onto E. Allegheny Ave. To 2301 Allegheny, Which Is Northeastern Hospital, Located Between Memphis St And Tulip St.

**W60
NNW
1/2 - 1 Mile
Higher**

PA WELLS PASI60000131895

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	131999	Local Well #:	0039N
Aquifer:	PENSAUKEN FORMATION	Topography:	Flat Surface
Well Depth:	38	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-OCT-85
Local Permit #:	Not Reported		

Owner ID:	131215	Ownership Date:	Not Reported
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Construction Date:	01-OCT-85	Driller:	1696
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Finished with Mfg Well Screen	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		

Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	Not Reported	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	01-OCT-85

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Lithology:	Not Reported	Contiubting Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	TEST	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported
Comments:	Cas.Mat=Plast;1ft=Grav;4ft=Fillandsilt;38ft=Gmbrnschist		

**X61
NW
1/2 - 1 Mile
Higher**

PA WELLS PASI60000388230

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	25	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	25-JUN-10
Local Permit #:	Not Reported		
Owner ID:	7461360	Ownership Date:	Not Reported
Site Use:	K	Date of Use:	Not Reported
Water Use:	OTHER	Notes:	Not Reported

Comments: The Site Is At St. Hugh Of Cluny Church 145 West Tioga Street, Phila. Pa

**Y62
WNW
1/2 - 1 Mile
Higher**

FED USGS USGS40001004751

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 666	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19471202
Well Depth:	500	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported
Ground water levels,Number of Measurements:	4	Level reading date:	1978-12-13
Feet below surface:	25.47	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1978-12-13	Feet below surface:	25.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1947-12-02	Feet below surface:	35
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1947-12-02	Feet below surface:	35
Feet to sea level:	Not Reported	Note:	Not Reported

**Y63
WNW
1/2 - 1 Mile
Higher**

PA WELLS PASI60000030522

Database:	Pennsylvania Groundwater Information System	Local Well #:	PH 666
GWIS ID:	30524	Topography:	Hillside
Aquifer:	WISSAHICKON FORMATION	Elevation:	80
Well Depth:	500	Depth to Bedrock:	0
Site Type:	W	Date Drilled:	02-DEC-47
Saltwater Zone:	0		
Local Permit #:	Not Reported		
Owner ID:	30360	Ownership Date:	02-DEC-47
Owner ID:	30361	Ownership Date:	01-AUG-78
Construction Date:	02-DEC-47	Driller:	0249
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	25.5	Agency Providing Data:	Usgs Or Pags
WL Measurement Method:	STEEL TAPE	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	STATIC WATER LEVEL
Date Discharged:	13-DEC-78		
Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Not Reported	Discharge:	67.
Static Water Level (ft):	Not Reported	Agency Providing Data:	Not Reported
WL Measurement Method:	Not Reported	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	Not Reported
Date Discharged:	02-DEC-47		
Lithology:	SCHIST	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	UNUSED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

64
North
1/2 - 1 Mile
Higher

PA WELLS PASI60000131892

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	131996	Local Well #:	0036N
Aquifer:	PENSAUKEN FORMATION	Topography:	Flat Surface
Well Depth:	25	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-OCT-85
Local Permit #:	Not Reported		
Owner ID:	131212	Ownership Date:	Not Reported
Construction Date:	01-OCT-85	Driller:	1696
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Finished with Mfg Well Screen		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	Not Reported	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	01-OCT-85
Lithology:	Not Reported	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	TEST	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported
Comments:	1ft=Asphtgrav;19ft=Brnschist;25ft=Grayschist		

X65
NW
1/2 - 1 Mile
Higher

PA WELLS PASI60000030213

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30215	Local Well #:	PH 676
Aquifer:	WISSAHICKON FORMATION	Topography:	Hilltop
Well Depth:	175	Elevation:	110
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-12
Local Permit #:	Not Reported		
Owner ID:	30011	Ownership Date:	01-JAN-12

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Date:	01-JAN-12	Driller:	-389
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Reported, Method not known	Static Water Level (ft):	Not Reported
Discharge:	15.	WL Measurement Method:	Not Reported
Agency Providing Data:	Not Reported	Drawdown (ft):	Not Reported
Production Water Level (ft):	Not Reported	Test Length (min):	Not Reported
Yield (gmp/ft):	Not Reported	Date Discharged:	Not Reported
SiteStatus at Test:	Not Reported		
Lithology:	SCHIST	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**X66
NW
1/2 - 1 Mile
Higher**

FED USGS USGS40001005015

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 676	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19120101
Well Depth:	175	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

**67
NE
1/2 - 1 Mile
Higher**

PA WELLS PASI60000412157

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	25	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	20-MAR-13
Local Permit #:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site Use: K Date of Use: Not Reported
 Water Use: OTHER Notes: Not Reported

Comments: The Site Is At St. Hugh Of Cluny Church 145 West Tioga Street, Phila. Pa

**X70
 NW
 1/2 - 1 Mile
 Higher**

PA WELLS PASI60000388792

Database: Pennsylvania Groundwater Information System
 GWIS ID: 0 Local Well #: Not Reported
 Aquifer: Not Reported Topography: Not Reported
 Well Depth: 30 Elevation: 0
 Site Type: W Depth to Bedrock: 0
 Saltwater Zone: 0 Date Drilled: 24-JUN-10
 Local Permit #: Not Reported

Owner ID: 7462884 Ownership Date: Not Reported

Site Use: K Date of Use: Not Reported
 Water Use: OTHER Notes: Not Reported

Comments: The Site Is At St. Hugh Of Cluny Church 145 West Tioga Street, Phila. Pa

**Z71
 West
 1/2 - 1 Mile
 Higher**

FED USGS USGS40001004622

Organization ID: USGS-PA
 Organization Name: USGS Pennsylvania Water Science Center
 Monitor Location: PH 665 Type: Well
 Description: Not Reported HUC: 02040202
 Drainage Area: Not Reported Drainage Area Units: Not Reported
 Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported
 Aquifer: Piedmont and Blue Ridge crystalline-rock aquifers
 Formation Type: Wissahickon Formation, Oligoclase Mica Schist
 Aquifer Type: Not Reported Construction Date: 19150101
 Well Depth: 150 Well Depth Units: ft
 Well Hole Depth: Not Reported Well Hole Depth Units: Not Reported

Ground water levels,Number of Measurements: 2 Level reading date: 1915-01-01
 Feet below surface: 22.00 Feet to sea level: Not Reported
 Note: Not Reported

Level reading date: 1915-01-01 Feet below surface: 22.00
 Feet to sea level: Not Reported Note: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Z72
West
1/2 - 1 Mile
Higher

FED USGS USGS40001004623

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 664	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19150101
Well Depth:	100	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels, Number of Measurements:	2	Level reading date:	1915-01-01
Feet below surface:	12.00	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1915-01-01	Feet below surface:	12.00
Feet to sea level:	Not Reported	Note:	Not Reported

Z73
West
1/2 - 1 Mile
Higher

PA WELLS PASI60000030162

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30164	Local Well #:	PH 665
Aquifer:	WISSAHICKON FORMATION	Topography:	Hillside
Well Depth:	150	Elevation:	80
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-15
Local Permit #:	Not Reported		

Owner ID:	29955	Ownership Date:	01-JAN-15
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Construction Date:	01-JAN-15	Driller:	0297
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported

Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Reported, Method not known		
Discharge:	30.	Static Water Level (ft):	22.
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	01-JAN-15

Lithology:	SCHIST	Contributing Unit:	Primary
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

Z74
West
1/2 - 1 Mile
Higher

PA WELLS PASI60000030163

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30165	Local Well #:	PH 664
Aquifer:	WISSAHICKON FORMATION	Topography:	Hillside
Well Depth:	100	Elevation:	80
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-15
Local Permit #:	Not Reported		
Owner ID:	29956	Ownership Date:	01-JAN-15
Construction Date:	01-JAN-15	Driller:	0297
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	60.
Static Water Level (ft):	12.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN	Drawdown (ft):	Not Reported
Production Water Level (ft):	Not Reported	Test Length (min):	Not Reported
Yield (gmp/ft):	Not Reported	Date Discharged:	01-JAN-15
SiteStatus at Test:	Not Reported		
Lithology:	SCHIST	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

AA75
North
1/2 - 1 Mile
Higher

PA WELLS PASI60000414890

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	20	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	16-MAY-13
Local Permit #:	Not Reported		

Owner ID:	7477908	Ownership Date:	Not Reported
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Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

AA76
North
1/2 - 1 Mile
Higher

PA WELLS PASI60000414891

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	20	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	16-MAY-13
Local Permit #:	Not Reported		

Owner ID:	7477909	Ownership Date:	Not Reported
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Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

W77
NNW
1/2 - 1 Mile
Higher

PA WELLS PASI60000131893

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	131997	Local Well #:	0037N
Aquifer:	PENSAUKEN FORMATION	Topography:	Flat Surface
Well Depth:	38	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-OCT-85
Local Permit #:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner ID:	131213	Ownership Date:	Not Reported
Construction Date:	01-OCT-85	Driller:	1696
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Finished with Mfg Well Screen	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	Not Reported	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	01-OCT-85
Lithology:	Not Reported	Contiubting Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	TEST	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported
Comments:	1ft=Asphltgrav;4ft=Fillsiltsand;38ft=Grnbrnschist		

**AB78
NW
1/2 - 1 Mile
Higher**

PA WELLS PASI60000030222

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30224	Local Well #:	PH 677
Aquifer:	WISSAHICKON FORMATION	Topography:	Hilltop
Well Depth:	342	Elevation:	110
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-27
Local Permit #:	Not Reported		
Owner ID:	30021	Ownership Date:	01-JAN-27
Construction Date:	01-JAN-27	Driller:	-389
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Construction Date:	20-MAR-43	Driller:	1
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	DRILLERS RECORD

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Discharge Measurement Method:	Reported, Method not known	Static Water Level (ft):	17.
Discharge:	42.8	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	79.
Production Water Level (ft):	96.	Test Length (min):	Not Reported
Yield (gmp/ft):	0.54	Date Discharged:	20-MAR-43
SiteStatus at Test:	Not Reported		
Lithology:	SCHIST	Contiubting Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	UNUSED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**AB79
NW
1/2 - 1 Mile
Higher**

FED USGS USGS40001005044

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 677	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19270101
Well Depth:	342	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported
Ground water levels,Number of Measurements:	2	Level reading date:	1943-03-20
Feet below surface:	17.00	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1927	Feet below surface:	25
Feet to sea level:	Not Reported	Note:	Not Reported

**Z80
West
1/2 - 1 Mile
Higher**

PA WELLS PASI60000389484

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	23	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	09-JUN-10
Local Permit #:	Not Reported		
Owner ID:	7445507	Ownership Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

Comments: The Site Is At Community Center At 2800 North American St., Phila. Pa

**AC81
West
1/2 - 1 Mile
Higher**

PA WELLS PASI60000389485

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	24	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	09-JUN-10
Local Permit #:	Not Reported		

Owner ID:	7453149	Ownership Date:	Not Reported
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Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

Comments: The Site Is At Community Center At 2800 North American St., Phila. Pa

**AD82
NE
1/2 - 1 Mile
Higher**

AQUIFLOW 46580

Site ID:	51-14504
Groundwater Flow:	Not Reported
Shallowest Water Table Depth:	11.6
Deepest Water Table Depth:	12
Average Water Table Depth:	Not Reported
Date:	01/25/1996

**AE83
North
1/2 - 1 Mile
Higher**

PA WELLS PASI60000030238

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30240	Local Well #:	PH 692
Aquifer:	WISSAHICKON FORMATION	Topography:	Hilltop
Well Depth:	342	Elevation:	100
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-MAY-42
Local Permit #:	Not Reported		

Owner ID:	30041	Ownership Date:	01-JAN-44
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Construction Date:	01-MAY-42	Driller:	0297
Source of Construction Data:	WELL OWNER	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	13.	Agency Providing Data:	Other/Unknown/Unspecified
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	STATIC WATER LEVEL	Date Discharged:	01-MAY-42
Discharge Type:	Pumped	Data Source:	WELL OWNER
Discharge Measurement Method:	Reported, Method not known		
Discharge:	108.	Static Water Level (ft):	22.85714
Agency Providing Data:	Well Owner	WL Measurement Method:	Not Reported
Production Water Level (ft):	100.	Drawdown (ft):	Not Reported
Yield (gmp/ft):	1.4	Test Length (min):	8.
SiteStatus at Test:	Not Reported	Date Discharged:	01-JAN-66
Lithology:	SCHIST	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

AC84
West
1/2 - 1 Mile
Higher

PA WELLS PASI60000388869

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	24	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	09-JUN-10
Local Permit #:	Not Reported		

Owner ID:	7459415	Ownership Date:	Not Reported
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Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

Comments: The Site Is At Community Center At 2800 North American St., Phila. Pa

AE85
North
1/2 - 1 Mile
Higher

FED USGS USGS40001005167

Organization ID:	USGS-PA
Organization Name:	USGS Pennsylvania Water Science Center

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Monitor Location:	PH 692	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19420501
Well Depth:	342	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels, Number of Measurements:	1	Level reading date:	1942-05-01
Feet below surface:	13	Feet to sea level:	Not Reported
Note:	Not Reported		

**AF86
SW
1/2 - 1 Mile
Lower**

FED USGS USGS40001004206

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 618	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19140101
Well Depth:	308	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

**AF87
SW
1/2 - 1 Mile
Lower**

PA WELLS PASI60000030122

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30124	Local Well #:	PH 618
Aquifer:	WISSAHICKON FORMATION	Topography:	Valley Flat
Well Depth:	308	Elevation:	30
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-14
Local Permit #:	Not Reported		

Owner ID:	29910	Ownership Date:	01-JAN-14
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Construction Date:	01-JAN-14	Driller:	1
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported

Lithology:	SCHIST	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

AD88 NE 1/2 - 1 Mile Higher	Site ID: 51-11521 Groundwater Flow: SW Shallowest Water Table Depth: 18 Deepest Water Table Depth: 24 Average Water Table Depth: Not Reported Date: 03/05/1997	AQUIFLOW 46543	
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AG89 West 1/2 - 1 Mile Higher		FED USGS USGS40001004497
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Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 661	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19160101
Well Depth:	168	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels, Number of Measurements:	3	Level reading date:	1979-08-30
Feet below surface:	11.90	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1978-12-13	Feet below surface:	12.07
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1954-12-16	Feet below surface:	71.33
Feet to sea level:	Not Reported	Note:	Not Reported

AG90 West 1/2 - 1 Mile Higher		PA WELLS PASI60000030517
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Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30519	Local Well #:	PH 661
Aquifer:	WISSAHICKON FORMATION	Topography:	Hillside
Well Depth:	168	Elevation:	80
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-16
Local Permit #:	Not Reported		

Owner ID:	30355	Ownership Date:	01-JAN-16
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Date:	01-JAN-16	Driller:	0249
Source of Construction Data:	USGS OR PAGS	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	USGS OR PAGS
Discharge Measurement Method:	Totaling Meter	Discharge:	16.2
Static Water Level (ft):	Not Reported	Agency Providing Data:	Not Reported
WL Measurement Method:	CALIBRATED ELECTRIC TAPE	Production Water Level (ft):	31.
Drawdown (ft):	Not Reported	Yield (gmp/ft):	0.87
Test Length (min):	2.	SiteStatus at Test:	Not Reported
Date Discharged:	30-AUG-79		
Discharge Type:	Pumped	Data Source:	WELL OWNER
Discharge Measurement Method:	Reported, Method not known	Static Water Level (ft):	12.1
Discharge:	80.	WL Measurement Method:	STEEL TAPE
Agency Providing Data:	Usgs Or Pags	Drawdown (ft):	Not Reported
Production Water Level (ft):	Not Reported	Test Length (min):	Not Reported
Yield (gmp/ft):	Not Reported	Date Discharged:	13-DEC-78
SiteStatus at Test:	Not Reported		
Lithology:	SCHIST	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	UNUSED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**AH91
SSW
1/2 - 1 Mile
Lower**

FED USGS USGS40001004119

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 616	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19340101
Well Depth:	111	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported
Ground water levels, Number of Measurements:	2	Level reading date:	1978-12-13
Feet below surface:	13.68	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1954-12-16	Feet below surface:	17.08
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AH92
SSW
1/2 - 1 Mile
Lower

PA WELLS PASI60000030108

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30110	Local Well #:	PH 616
Aquifer:	WISSAHICKON FORMATION	Topography:	Valley Flat
Well Depth:	111	Elevation:	27.6
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-34
Local Permit #:	Not Reported		
Owner ID:	29893	Ownership Date:	01-MAY-34
Owner ID:	29894	Ownership Date:	13-DEC-78
Construction Date:	01-MAY-34	Driller:	-387
Source of Construction Data:	WELL OWNER	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Reported, Method not known	Static Water Level (ft):	13.7
Discharge:	65.	WL Measurement Method:	STEEL TAPE
Agency Providing Data:	Usgs Or Pags	Drawdown (ft):	Not Reported
Production Water Level (ft):	Not Reported	Test Length (min):	Not Reported
Yield (gmp/ft):	Not Reported	Date Discharged:	13-DEC-78
SiteStatus at Test:	Not Reported		
Lithology:	SCHIST	Contiubting Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

AE93
North
1/2 - 1 Mile
Higher

PA WELLS PASI60000030240

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30242	Local Well #:	PH 693
Aquifer:	WISSAHICKON FORMATION	Topography:	Hilltop
Well Depth:	190	Elevation:	100
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local Permit #:	Not Reported		
Owner ID:	30043	Ownership Date:	01-JAN-30
Construction Date:	Not Reported	Driller:	1
Source of Construction Data:	WELL OWNER	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	25.	Agency Providing Data:	Well Owner
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	STATIC WATER LEVEL	Date Discharged:	01-JAN-30
Lithology:	SCHIST	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**AE94
North
1/2 - 1 Mile
Higher**

FED USGS USGS40001005202

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 693	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	190	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported
Ground water levels, Number of Measurements:	1	Level reading date:	1930-01-01
Feet below surface:	25	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

AG95
WSW
1/2 - 1 Mile
Higher

FED USGS USGS40001004459

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 659	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19320101
Well Depth:	127	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels, Number of Measurements:	1	Level reading date:	1932-01-01
Feet below surface:	20.00	Feet to sea level:	Not Reported
Note:	Not Reported		

AG96
WSW
1/2 - 1 Mile
Higher

PA WELLS PASI60000030145

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30147	Local Well #:	PH 659
Aquifer:	WISSAHICKON FORMATION	Topography:	Hillside
Well Depth:	127	Elevation:	80
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-32
Local Permit #:	Not Reported		

Owner ID:	29936	Ownership Date:	01-JAN-32
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Construction Date:	01-JAN-32	Driller:	0297
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported

Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Reported, Method not known		
Discharge:	150.	Static Water Level (ft):	20.
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
Site Status at Test:	Not Reported	Date Discharged:	01-JAN-32

Lithology:	SCHIST	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

AG97
West
1/2 - 1 Mile
Higher

FED USGS USGS40001004480

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 660	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19420101
Well Depth:	367	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported
Ground water levels,Number of Measurements:	1	Level reading date:	1942-01-01
Feet below surface:	20.00	Feet to sea level:	Not Reported
Note:	Not Reported		

AG98
West
1/2 - 1 Mile
Higher

PA WELLS PASI60000030516

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30518	Local Well #:	PH 660
Aquifer:	WISSAHICKON FORMATION	Topography:	Hillside
Well Depth:	367	Elevation:	80
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-42
Local Permit #:	Not Reported		
Owner ID:	30354	Ownership Date:	01-JAN-42
Construction Date:	01-JAN-42	Driller:	0297
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported
Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	300.
Static Water Level (ft):	20.	Agency Providing Data:	Not Reported
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site Status at Test:	Not Reported	Date Discharged:	01-JAN-42
Lithology:	SCHIST	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**AI99
WSW
1/2 - 1 Mile
Higher**

FED USGS USGS40001004434

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 658	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	508	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported
Ground water levels, Number of Measurements:	2	Level reading date:	1978-12-13
Feet below surface:	11.64	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1935-10-03	Feet below surface:	30
Feet to sea level:	Not Reported	Note:	Not Reported

**AJ100
SW
1/2 - 1 Mile
Lower**

FED USGS USGS40001004167

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 617	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19320601
Well Depth:	300	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AI101
WSW
1/2 - 1 Mile
Higher

PA WELLS PASI60000030144

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30146	Local Well #:	PH 658
Aquifer:	WISSAHICKON FORMATION	Topography:	Hillside
Well Depth:	508	Elevation:	70
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		

Owner ID:	29934	Ownership Date:	01-JAN-30
-----------	-------	-----------------	-----------

Owner ID:	29935	Ownership Date:	01-JAN-75
-----------	-------	-----------------	-----------

Construction Date:	Not Reported	Driller:	1
Source of Construction Data:	WELL OWNER	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		

Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	11.6	Agency Providing Data:	Usgs Or Pags
WL Measurement Method:	STEEL TAPE	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	STATIC WATER LEVEL
Date Discharged:	13-DEC-78		

Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Reported, Method not known	Static Water Level (ft):	Not Reported
Discharge:	200.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Not Reported	Drawdown (ft):	Not Reported
Production Water Level (ft):	100.	Test Length (min):	Not Reported
Yield (gmp/ft):	2.9	Date Discharged:	Not Reported
SiteStatus at Test:	Not Reported		

Lithology:	SCHIST	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

Site Use:	UNUSED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported

Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

AJ102
SW
1/2 - 1 Mile
Lower

PA WELLS PASI60000030113

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30115	Local Well #:	PH 617
Aquifer:	WISSAHICKON FORMATION	Topography:	Valley Flat
Well Depth:	300	Elevation:	30
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JUN-32
Local Permit #:	Not Reported		
Owner ID:	29899	Ownership Date:	01-JUN-32
Construction Date:	01-JUN-32	Driller:	-387
Source of Construction Data:	WELL OWNER	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	WELL OWNER
Discharge Measurement Method:	Reported, Method not known	Static Water Level (ft):	Not Reported
Discharge:	60.	WL Measurement Method:	Not Reported
Agency Providing Data:	Not Reported	Drawdown (ft):	Not Reported
Production Water Level (ft):	Not Reported	Test Length (min):	Not Reported
Yield (gmp/ft):	Not Reported	Date Discharged:	Not Reported
SiteStatus at Test:	Not Reported		
Lithology:	SCHIST	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

AK103
NNE
1/2 - 1 Mile
Higher

PA WELLS PASI600000376944

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	17	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-DEC-05
Local Permit #:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AL105
NW
1/2 - 1 Mile
Higher

FED USGS USGS40001005027

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 681	Type:	Well
Description:	Not Reported	HUC:	02040202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Wissahickon Formation, Oligoclase Mica Schist		
Aquifer Type:	Not Reported	Construction Date:	19160101
Well Depth:	567	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	2	Level reading date:	1916-01-01
Feet below surface:	33.00	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1916-01-01	Feet below surface:	33.00
Feet to sea level:	Not Reported	Note:	Not Reported

AK106
NNE
1/2 - 1 Mile
Higher

PA WELLS PASI60000376969

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	16	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-DEC-05
Local Permit #:	Not Reported		

Owner ID:	487863	Ownership Date:	Not Reported
-----------	--------	-----------------	--------------

Site Use:	Not Reported	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported

Comments: Materials Used To Abandon 4" Well: 94 Lbs. Cement, 10 Lbs. Benseal, 6 Gal. Water. Method Of Abandonment: Pumping Through Tremie Pipe At Well Bottom.

AK107
NNE
1/2 - 1 Mile
Higher

PA WELLS PASI60000376946

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	20	Elevation:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site Type:	Not Reported	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-DEC-05
Local Permit #:	Not Reported		

Owner ID:	486207	Ownership Date:	Not Reported
-----------	--------	-----------------	--------------

Site Use:	Not Reported	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported

Comments: Materials Used To Abandon 4" Well: 125 Lbs. Cement, 10 Lbs. Benseal, 8.5 Gal. Water. Method Of Abandonment: Pumping Through Tremie Pipe At Well Bottom.

**108
NW
1/2 - 1 Mile
Higher**

PA WELLS PASI60000030232

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30234	Local Well #:	PH 680
Aquifer:	WISSAHICKON FORMATION	Topography:	Hilltop
Well Depth:	560	Elevation:	90
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-08
Local Permit #:	Not Reported		

Owner ID:	30033	Ownership Date:	01-JAN-08
-----------	-------	-----------------	-----------

Construction Date:	01-JAN-08	Driller:	-204
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported

Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Reported, Method not known		
Discharge:	80.	Static Water Level (ft):	60.
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	01-JAN-08

Lithology:	SCHIST	Contiubting Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

Site Use:	DESTROYED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported

Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported
------------------	--------------------------	------------------	--------------

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
109 NNW 1/2 - 1 Mile Higher	Site ID:	51-45684	AQUIFLOW	46538
	Groundwater Flow:	Not Reported		
	Shallowest Water Table Depth:	16		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	Not Reported		
Date:	06/24/1997			
1G NNW 1/2 - 1 Mile Lower	Site ID:	51-45684	AQUIFLOW	46538
	Groundwater Flow:	Not Reported		
	Shallowest Water Table Depth:	16		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	Not Reported		
Date:	06/24/1997			
2G NE 1/2 - 1 Mile Lower	Site ID:	51-11521	AQUIFLOW	46543
	Groundwater Flow:	SW		
	Shallowest Water Table Depth:	18		
	Deepest Water Table Depth:	24		
	Average Water Table Depth:	Not Reported		
Date:	03/05/1997			
3G NE 1/2 - 1 Mile Lower	Site ID:	51-14504	AQUIFLOW	46580
	Groundwater Flow:	Not Reported		
	Shallowest Water Table Depth:	11.6		
	Deepest Water Table Depth:	12		
	Average Water Table Depth:	Not Reported		
Date:	01/25/1996			
4G WSW 1/2 - 1 Mile Lower	Site ID:	51-45954	AQUIFLOW	46577
	Groundwater Flow:	Not Reported		
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	13		
Date:	08/04/1994			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: PA Radon

Radon Test Results

Zipcode	Num Tests	Min pCi/L	Max pCi/L	Avg pCi/L
19134	169	0.1	18.8	2.1

EPA Region 3 Statistical Summary Readings for Zip Code: 19134

Number of sites tested: 101.

Maximum Radon Level: 34.0 pCi/L.

Minimum Radon Level: 0.4 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
91 (90.10%)	7 (6.93%)	2 (1.98%)	1 (0.99%)	0 (0.00%)	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.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

State Wetlands Data: Wetlands Inventory

Source: Pennsylvania Spatial Data Access

Telephone: 610-344-6105

HYDROGEOLOGIC INFORMATION

AQUIFLOW^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 Service (NRCS)

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

Pennsylvania Groundwater Information System

Source: Department of Conservation and Natural Resources

Telephone: 717-702-2045

OTHER STATE DATABASE INFORMATION

Pennsylvania Oil and Gas Locations

Source: Pennsylvania Department of Environmental Protection

Telephone: 814-863-0104

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

RADON

State Database: PA Radon

Source: Department of Environmental Protection

Telephone: 717-783-3594

Radon Test Results Statistics by Zip Code

Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Region 3 Statistical Summary Readings

Source: Region 3 EPA

Telephone: 215-814-2082

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

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

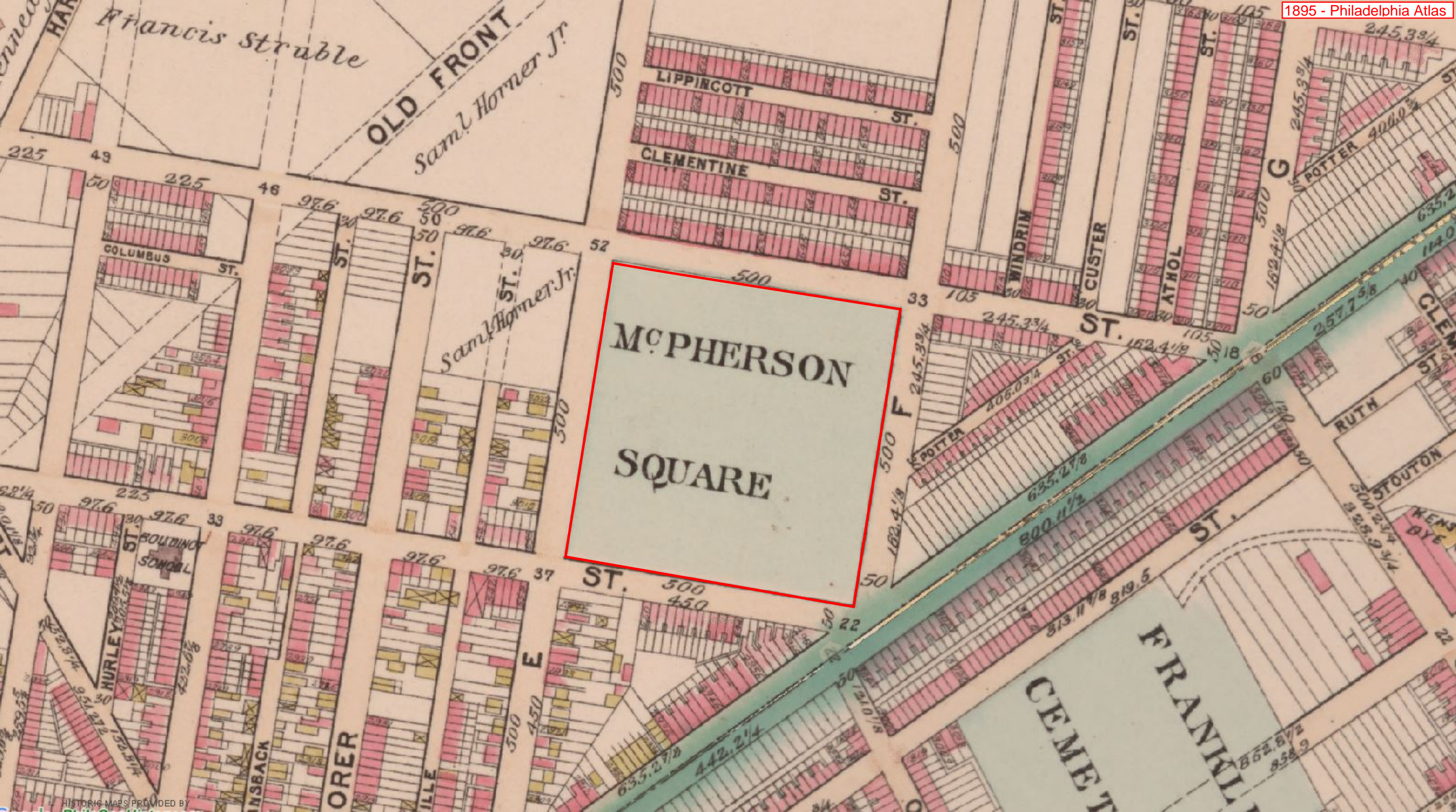
Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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APPENDIX E

PHILADELPHIA GEOHISTORY MAPS



Francis Struble
OLD FRONT
Sam'l Horner Jr.

McPHERSON
SQUARE



McPHERSON
FREE
LIBRARY
SQUARE

LEWIS ELKIN
PUB. SCH.

FRANKFORD
CEMETERY



MC
NEERSON
SQUARE

HURST

ST.

ST.

ST.

STANBACH

FROHEF

HARTVIA LE

LEUNGOTT
CLEMENTINE

WHEYMOUTH

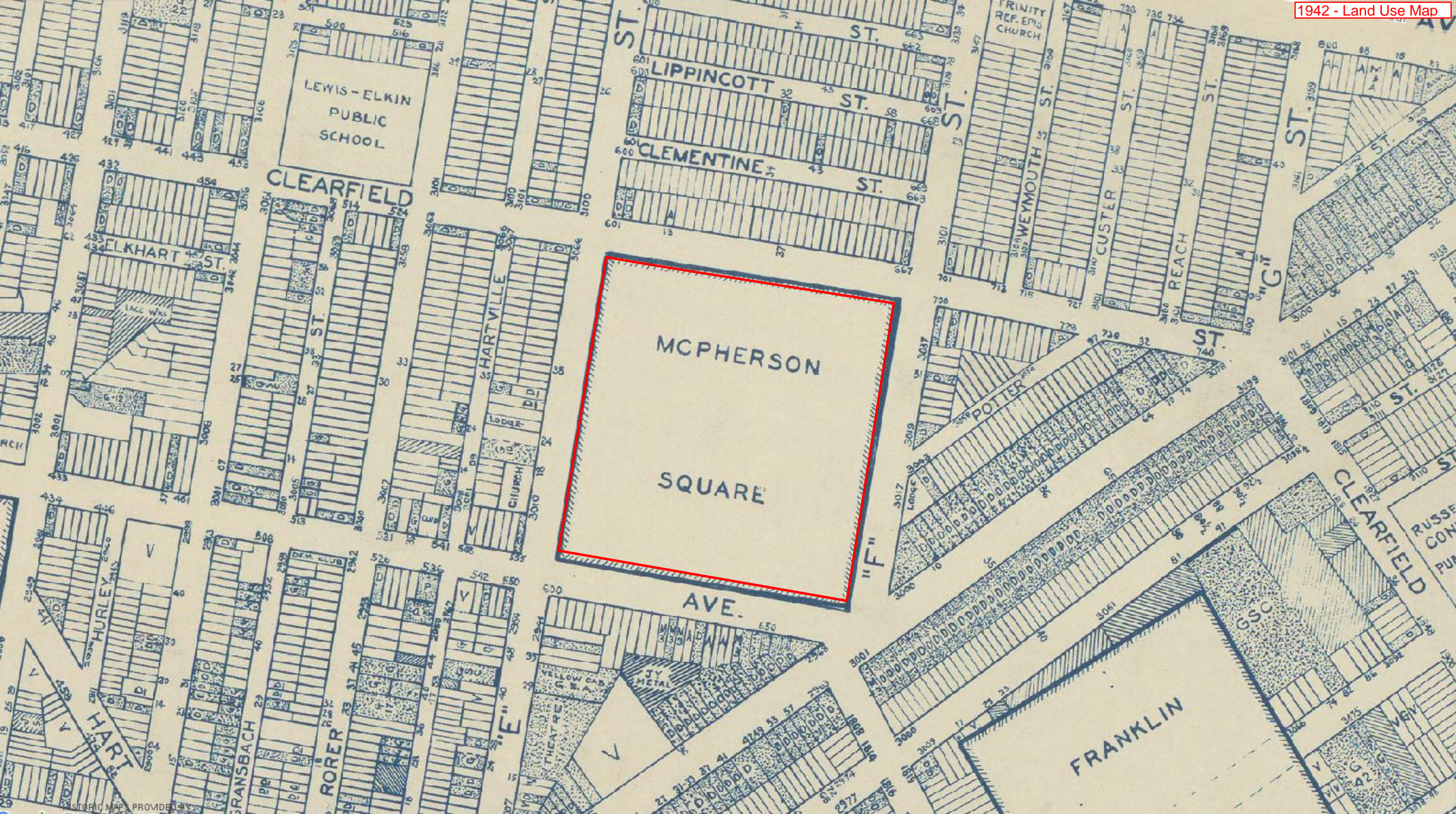
CUSTER

BEACH

POTTER

ST.

ST.



LEWIS-ELKIN
PUBLIC
SCHOOL

CLEARFIELD

LIPPINCOTT

CLEMENTINE

MCPHERSON

SQUARE

AVE.

TRINITY
REF. EPISC
CHURCH

ELKHART

HARTVILLE

POTTER

CLEARFIELD

HART

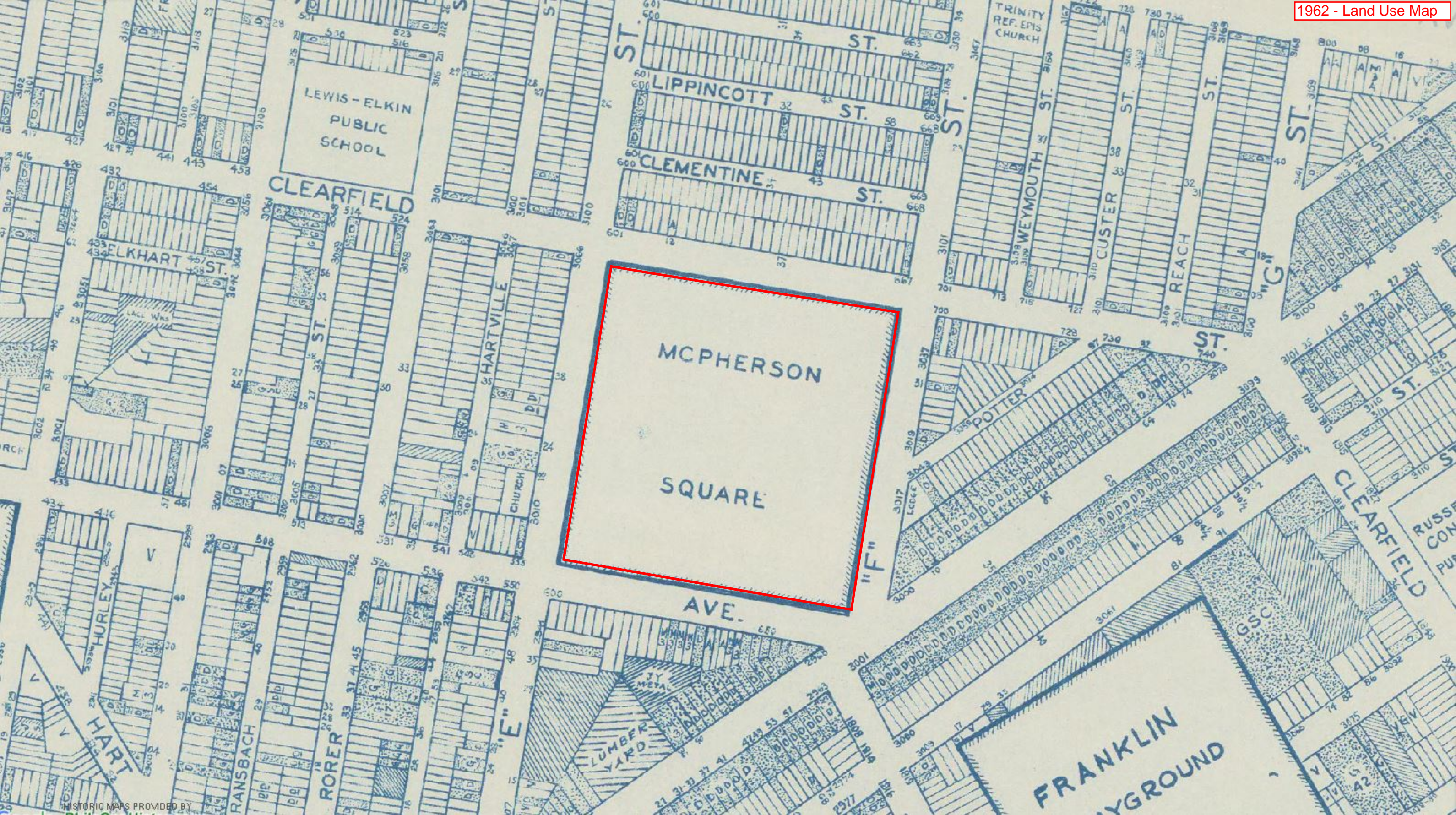
GRANSBACH

RORER

"E"

FRANKLIN

"G"



MCPHERSON
SQUARE

LEWIS-ELKIN
PUBLIC
SCHOOL

TRINITY
REF. EPIS.
CHURCH

LUMBER
YARD

FRANKLIN
PLAYGROUND

CLEARFIELD
ST.

LIPPINCOTT
ST.

CLEMENTINE
ST.

ELKHART
ST.

HARTVILLE
ST.

POTTER
ST.

CUSTER
ST.

REACH
ST.

'G'
ST.

'F'
AVE.

'E'
AVE.

CLEARFIELD
ST.

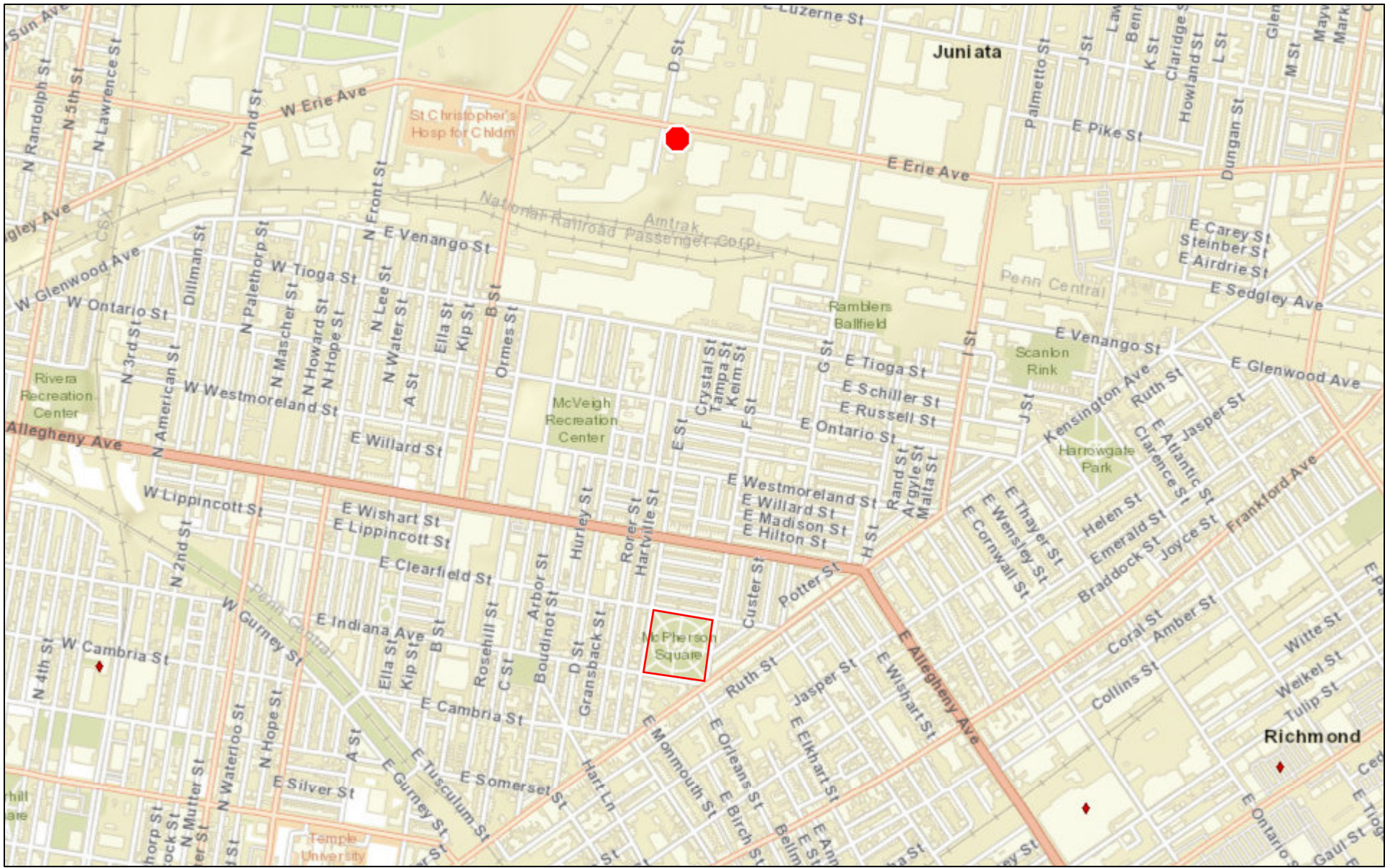
HART
ST.

RANSBACH
ST.


RORER
ST.


APPENDIX F

PA AUL REGISTRY MAP

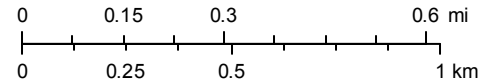


July 3, 2019

 = Approximate Property Boundary

 = AUL

1:18,056



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand),

APPENDIX G

PADEP eFACTS DOCUMENTS

eFACTS on the Web
DEP Information
About DEP
DEP Home
Search eFACTS
Authorization Search
Client Search
Facility Search
Inspection Search
Mammography Search
Name Search
Pollution Prevention
Sites by County/Municipality
Site Search
Other Sites
eMapPA
eNotice
EPA ECHO
EPA Envirofacts
Permits, Licensing, and Certification
The PA Code

Site Details

[South East Regional Office](#)

[Site Search](#)

[Sites by County/Muni Search](#)

Site ID:	587143
Site Name:	ELKIN SCH 526
Address:	D ST & ALLEGHENY AVE PHILADELPHIA, PA 19134
Status:	Inactive

Clients (1)

Client List
PHILA SCH DIST (61662)

Programs (1)

DEP Programs
Environmental Cleanup & Brownfields

PA Municipalities (1)

Municipalities/Counties
Philadelphia, Philadelphia County

Site Permits (0)

No records matched the criteria.

Facility Permits (0)

No records matched the criteria.

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

No records matched the criteria.

Facility Search Details

eFACTS on the Web
DEP Information
About DEP
DEP Home
Search eFACTS
Authorization Search
Client Search
Facility Search
Inspection Search
Mammography Search
Name Search
Pollution Prevention
Sites by County/Municipality
Site Search
Other Sites
eMapPA
eNotice
EPA ECHO
EPA Envirofacts
Permits, Licensing, and Certification
The PA Code

Facility ID:	610056
Facility Name:	INTL NATL HOBBY
Address:	413 E ALLEGHENY AVE PHILADELPHIA, PA 19134 Philadelphia City, Philadelphia County
Status:	Inactive
Program:	Environmental Cleanup & Brownfields

Facility Search Sub-Facility Details

No records matched the criteria.

Facility Search Permit Details

Authorization	Status:	Permit Number:	Date Received:
Storage Tank Registration/Permitting (421311)	Issued	51-45445	08/05/1989

Facility Search Inspection Details

No records matched the criteria.

Facility Search Tank Remediation

No records matched the criteria.

Facility Search Land Recycling Information

No records matched the criteria.

Facility Search Details

eFACTS on the Web
DEP Information
About DEP
DEP Home
Search eFACTS
Authorization Search
Client Search
Facility Search
Inspection Search
Mammography Search
Name Search
Pollution Prevention
Sites by County/Municipality
Site Search
Other Sites
eMapPA
eNotice
EPA ECHO
EPA Envirofacts
Permits, Licensing, and Certification
The PA Code

Facility ID:	609485
Facility Name:	WILLIAM J ODRISCOLL SVC CTR
Address:	620 E TIOGA ST PHILADELPHIA, PA 19134 Philadelphia City, Philadelphia County
Status:	Inactive
Program:	Environmental Cleanup & Brownfields

Facility Search Sub-Facility Details

No records matched the criteria.

Facility Search Permit Details

Authorization	Status:	Permit Number:	Date Received:
Storage Tank Registration/Permitting (437698)	Issued	51-42897	08/05/1989

Facility Search Inspection Details

No records matched the criteria.

Facility Search Tank Remediation

Incident Name	Confirmed Release Date	Type	Cleanup Status	Cleanup Status Date
WM ODRISCOLL SVC CTR (5522)	06/09/1999	UST (Petroleum)	Interim Remedial Actions Initiated or Completed	06/09/1999

Facility Search Land Recycling Information

No records matched the criteria.

- eFACTS on the Web**
- DEP Information**
- About DEP
- DEP Home
- Search eFACTS**
- Authorization Search
- Client Search
- Facility Search
- Inspection Search
- Mammography Search
- Name Search
- Pollution Prevention
- Sites by County/Municipality
- Site Search
- Other Sites**
- eMapPA
- eNotice
- EPA ECHO
- EPA Envirofacts
- Permits, Licensing, and Certification
- The PA Code

Tank Remediation Search Details

Incident Name:	Confirmed Release Date:	Incident ID:	Incident Type:	Cleanup Status:	Cleanup Status Date:	Substance Released:	Environmental Impact:
WM ODRISCOLL SVC CTR	06/09/1999	5522	UST (Petroleum)	Interim Remedial Actions Initiated or Completed	06/09/1999	Gasoline	SOIL

Tank Remediation Search Milestone Details

No records matched the criteria.

Facility Search Details

eFACTS on the Web
DEP Information
About DEP
DEP Home
Search eFACTS
Authorization Search
Client Search
Facility Search
Inspection Search
Mammography Search
Name Search
Pollution Prevention
Sites by County/Municipality
Site Search
Other Sites
eMapPA
eNotice
EPA ECHO
EPA Envirofacts
Permits, Licensing, and Certification
The PA Code

Facility ID:	619481
Facility Name:	B & W ASSOC
Address:	449 E TIOGA ST PHILADELPHIA, PA 19134 Philadelphia City, Philadelphia County
Status:	Active
Program:	Environmental Cleanup & Brownfields

Facility Search Sub-Facility Details

No records matched the criteria.

Facility Search Permit Details

No records matched the criteria.

Facility Search Inspection Details

No records matched the criteria.

Facility Search Tank Remediation

No records matched the criteria.

Facility Search Land Recycling Information

NIR Type	NIR Received Date	Preparer of NIR
NIR (4499)	10/05/1999	RT ENVIRONMENTAL SVC INC 215 W CHURCH RD KING OF PRUSSIA, PA 19406

- eFACTS on the Web**
- DEP Information**
- About DEP
- DEP Home
- Search eFACTS**
- Authorization Search
- Client Search
- Facility Search
- Inspection Search
- Mammography Search
- Name Search
- Pollution Prevention
- Sites by County/Municipality
- Site Search
- Other Sites**
- eMapPA
- eNotice
- EPA ECHO
- EPA Envirofacts
- Permits, Licensing, and Certification
- The PA Code

Land Recycling Information Search Details

Property Size:	Site Size:	Jobs Saved/Created:	Multi-Site Agreement Date:	Non-Use Aquifer Date:	Areawide Background Date:	Land Designation Desc:
8.8	8.8	30		12/26/2001		None

General Information

NIR Type	NIR Received Date	Preparer of NIR
NIR	10/05/1999	RT ENVIRONMENTAL SVC INC 215 W CHURCH RD KING OF PRUSSIA, PA 19406

Land Recycling Information Search Activity Details

Response Action Name:	Cleanup Standard:	Residential/Non-Residential:	Risk Assessment Report Required?:	Cleanup Plan Required?:
B & W ASSOC (5546)	Statewide Health Standard	N	No	No

eFACTS on the Web

DEP Information

About DEP

DEP Home

Search eFACTS

Authorization Search

Client Search

Facility Search

Inspection Search

Mammography Search

Name Search

Pollution Prevention

Sites by

County/Municipality

Site Search

Other Sites

eMapPA

eNotice

EPA ECHO

EPA Envirofacts

Permits, Licensing, and

Certification

The PA Code

Land Recycling Information Details

Activity ID: 5546

Response Action Name:	Risk Assess Report Required?:	Cleanup Standard:	Cleanup Plan Required?:
B & W ASSOC	N	Statewide Health Standard	N
Project Officers:		Telephone Number:	
BRUCE MCCLAIN		(484) 250-5785	

Buyer/Seller Agreement:	Cleanup Costs:	Remarks:
None	25000	None
None	None	None

There were not any Cleanup Indicators found.

Remarks:

During soil and groundwater investigation activities in 1994 relating to the closure of three former gasoline USTs at the site, dissolved phase chlorinated volatile organics (TCE and PCE) were detected in groundwater. No impacted soils were discovered in borings at the time of installation of monitoring wells. No evidence was found that the chlorinated VOCs were associated with the site's USTs. Their source may be attributed to the manufacturing activities as historic maps indicate that there was a "Philco Ford inflammables building" indicating solvents may have been used to clean electronic parts. A non-use aquifer request was presented to the Department and approval was granted for the non-use aquifer status on December 26, 2001. Eight consecutive quarters of groundwater monitoring have been completed with no regulated substances exceeding the SWHS non-residential, non-use aquifer MSCs. Since essentially 100% of the site is covered by asphalt and concrete, there is no pathway of exposure to any groundwater contaminants exists at the site. Based on these findings, B & W Associates requests a release from liability at the East 449 Tioga Street property for the following VOCs in groundwater; Carbon disulfide, Carbon Tetrachloride, Dichloroethane, Cis-1,2-Dichloroethene, Chloroform, Dichloromethane, 1,1,1-Trichloroethane, Tetrachloroethene, and Trichloroethene.

Milestones:	Event Date:	Decision Date:	Decision:
SWH Date NIR submitted (Statewide Health)	10/05/1999		
SWH Date NIR published in Pa Bulletin	11/13/1999		
SWH Date final report submitted	09/04/2002	11/01/2002	Approval
SWH Date of proof of submittal of the NIR to municipality	09/04/2002		
SWH Date of submittal of NIR newspaper notice proof	09/04/2002		
SWH Date DEP acknowledged receipt of final report	09/10/2002		
SWH Date final report submission published in Pa Bulletin	09/28/2002		
SWH Date final report action published in Pa Bulletin	12/21/2002		

Media Type Information

There were not any Media records found.

Chemical Category Name:	Chemical Name:	CAS Number:	Mass Treated/Removed:	Mass Managed on Site:
Chlorinated Solvents	TETRACHLOROETHYLENE (PCE)	127-18-4		1

APPENDIX H

HISTORICAL AERIAL PHOTOGRAPHS



McPherson Library

601 East Indiana Avenue

Philadelphia, PA 19134

Inquiry Number: 5676144.5

June 07, 2019

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

06/07/19

Site Name:

McPherson Library
601 East Indiana Avenue
Philadelphia, PA 19134
EDR Inquiry # 5676144.5

Client Name:

Duffield Associates, Inc.
5400 Limestone Road
Wilmington, DE 19808
Contact: Matthew Staunton



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

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2017	1"=500'	Flight Year: 2017	USDA/NAIP
2013	1"=500'	Flight Year: 2013	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1999	1"=500'	Acquisition Date: April 24, 1999	USGS/DOQQ
1993	1"=500'	Flight Date: April 14, 1993	USGS
1991	1"=500'	Flight Date: October 03, 1991	NAPP
1988	1"=500'	Flight Date: May 27, 1988	NAPP
1981	1"=500'	Flight Date: April 21, 1981	USDA
1975	1"=500'	Flight Date: March 17, 1975	EDR Proprietary Aerial Viewpoint
1971	1"=500'	Flight Date: May 18, 1971	USDA
1965	1"=500'	Flight Date: April 04, 1965	EDR Proprietary Aerial Viewpoint
1962	1"=500'	Flight Date: March 01, 1962	EDR Proprietary Aerial Viewpoint
1954	1"=500'	Flight Date: April 19, 1954	Jack Ammann Aerial Survey
1950	1"=500'	Flight Date: May 22, 1950	EDR Proprietary Aerial Viewpoint
1944	1"=500'	Flight Date: December 17, 1944	EDR Proprietary Aerial Viewpoint
1940	1"=500'	Flight Date: April 07, 1940	EDR Proprietary Aerial Viewpoint

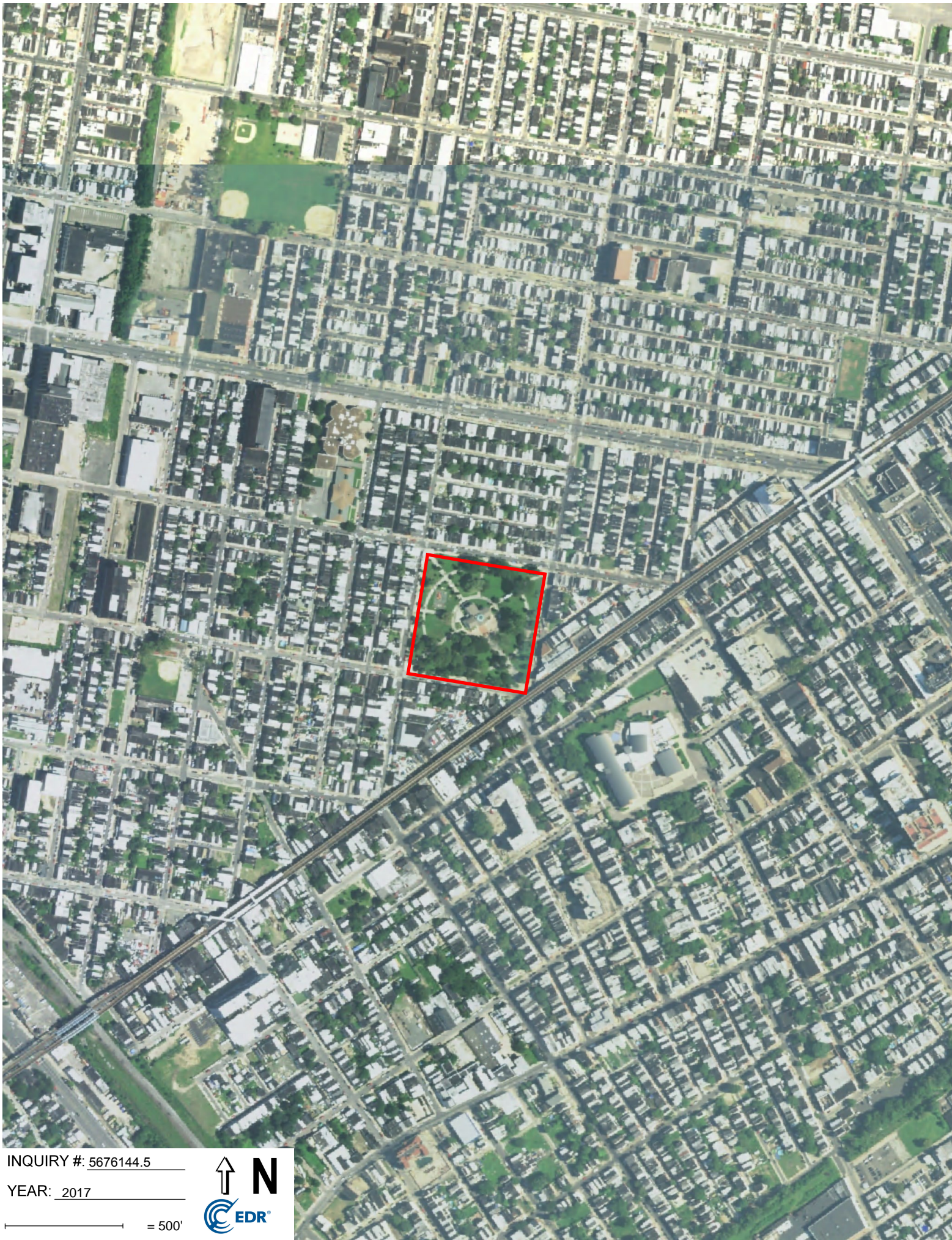
When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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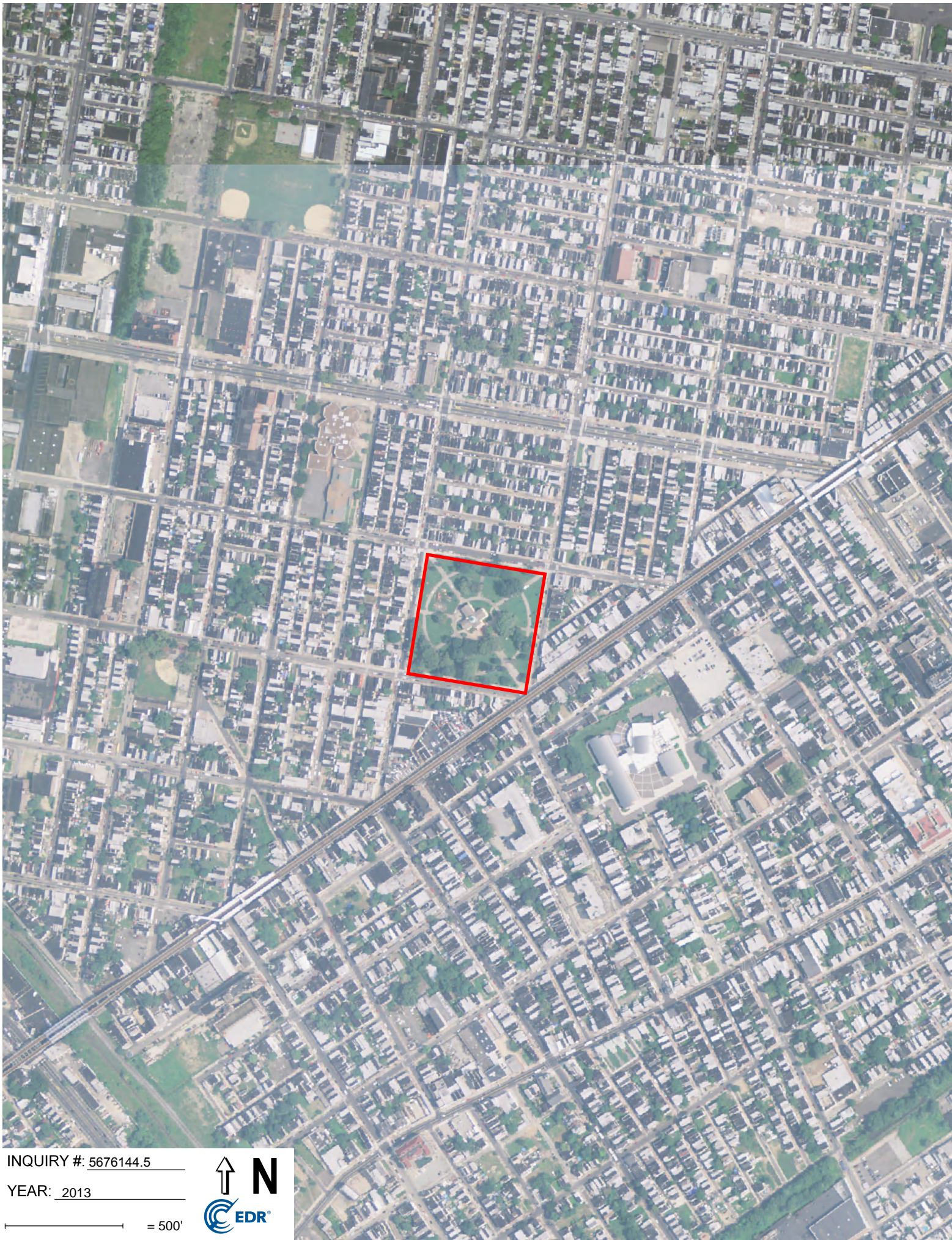


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YEAR: 2013

— = 500'





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YEAR: 2010

— = 500'





INQUIRY #: 5676144.5

YEAR: 2006

— = 500'





INQUIRY #: 5676144.5

YEAR: 1999

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INQUIRY #: 5676144.5

YEAR: 1993

— = 500'





INQUIRY #: 5676144.5

YEAR: 1991

— = 500'





INQUIRY #: 5676144.5

YEAR: 1988

— = 500'





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YEAR: 1981

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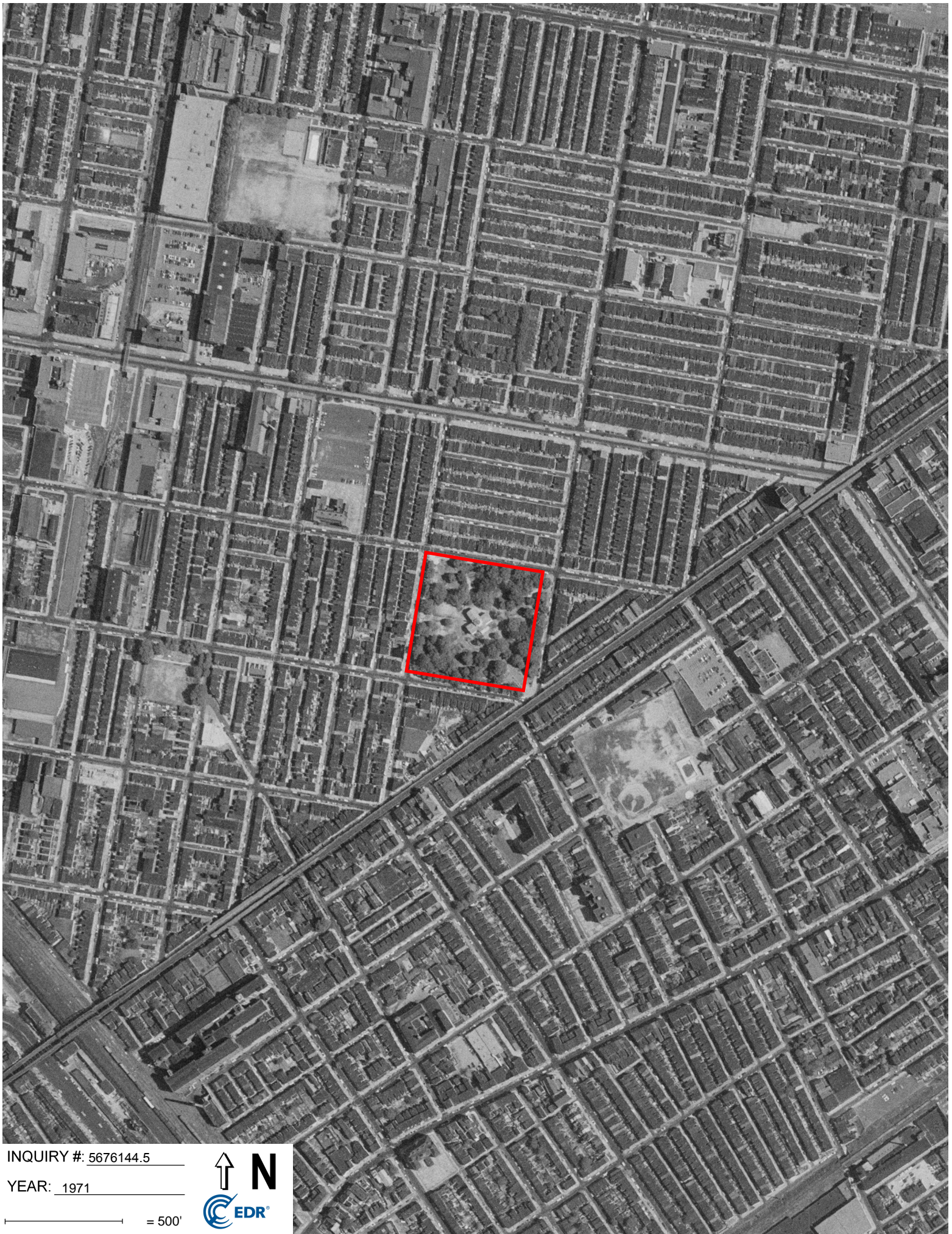


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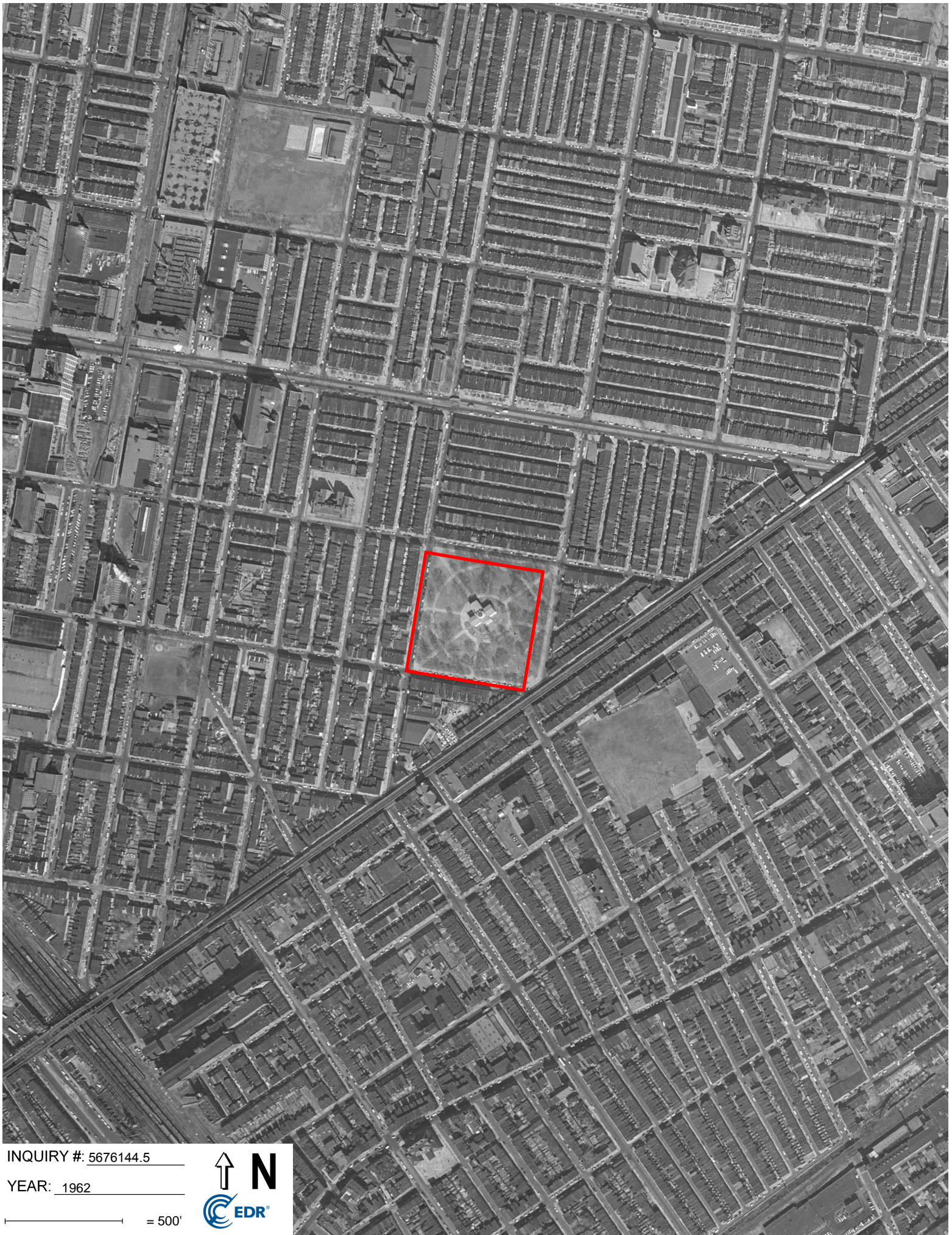


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YEAR: 1962

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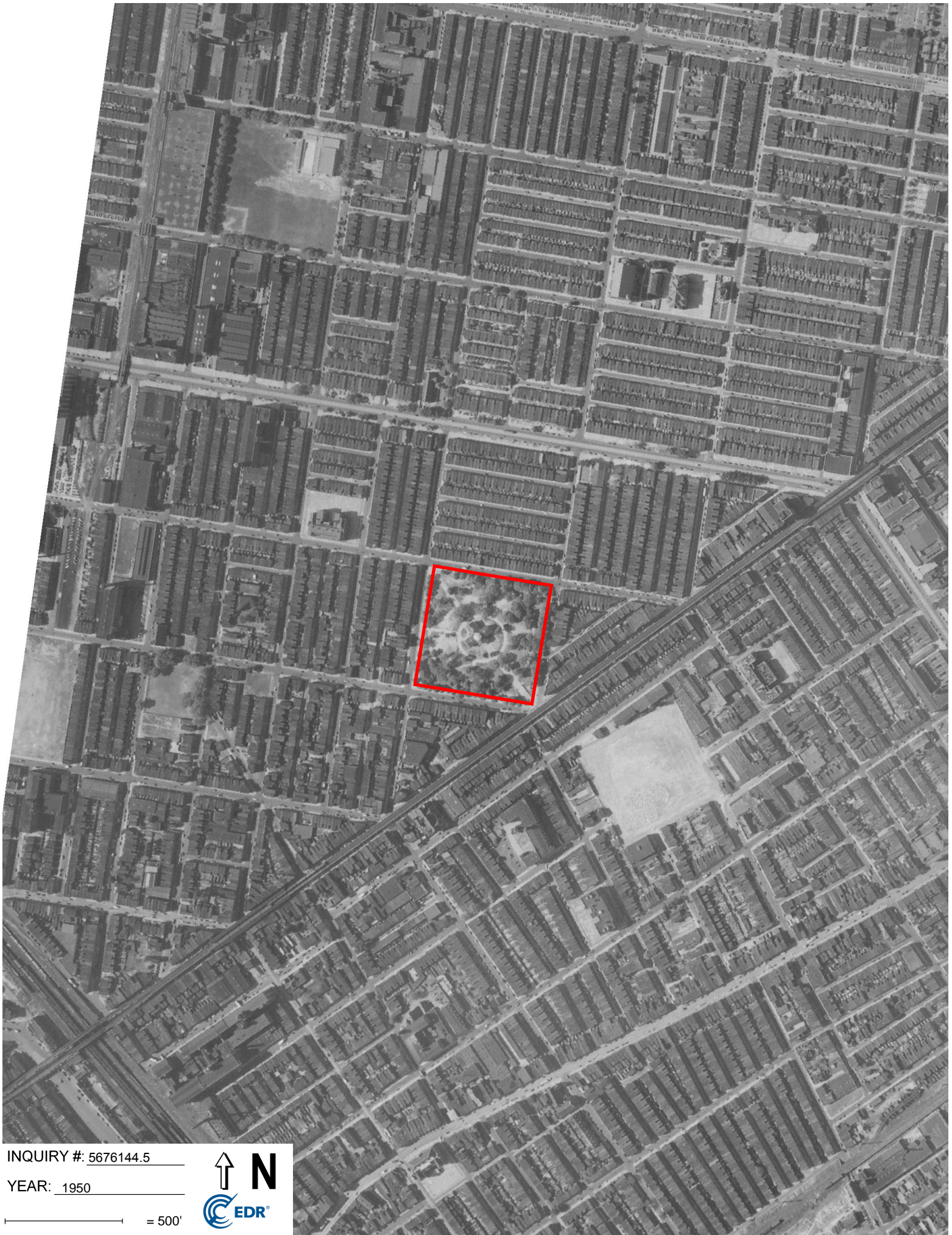
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YEAR: 1954

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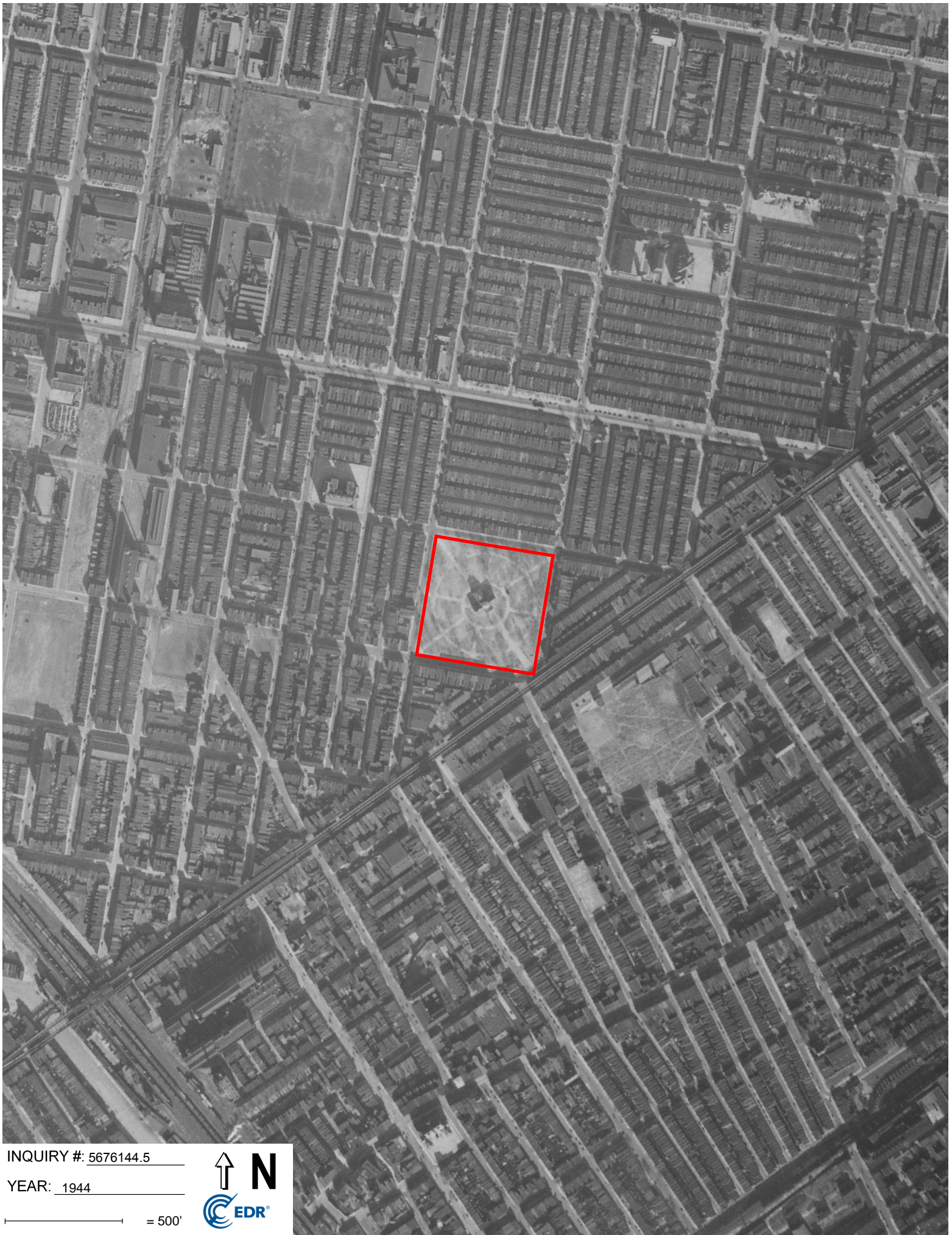


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YEAR: 1950

— = 500'





INQUIRY #: 5676144.5

YEAR: 1944

— = 500'





INQUIRY #: 5676144.5

YEAR: 1940

— = 500'



APPENDIX I

CERTIFIED SANBORN FIRE INSURANCE MAPS

McPherson Library
601 East Indiana Avenue
Philadelphia, PA 19134

Inquiry Number: 5676144.3

June 06, 2019

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

06/06/19

Site Name:

McPherson Library
601 East Indiana Avenue
Philadelphia, PA 19134
EDR Inquiry # 5676144.3

Client Name:

Duffield Associates, Inc.
5400 Limestone Road
Wilmington, DE 19808
Contact: Matthew Staunton



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Duffield Associates, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

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

Certified Sanborn Results:

Certification # 8083-42FE-8631
PO # 11852.EH
Project 11852.EH - McPherson

Maps Provided:

2006	1919
2004	
2002	
2000	
1989	
1980	
1975	
1951	



Sanborn® Library search results

Certification #: 8083-42FE-8631

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

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

The Sanborn Library LLC Since 1866™

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Sanborn Sheet Key

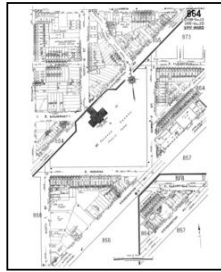
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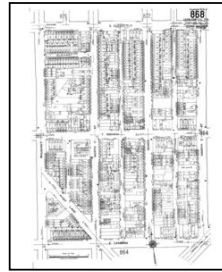
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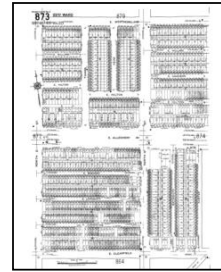
Volume 9, Sheet 857
2006



Volume 9, Sheet 864
2006

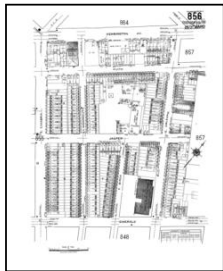


Volume 9, Sheet 868
2006

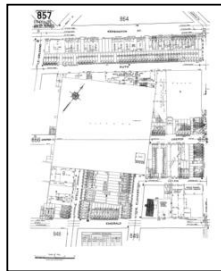


Volume 9, Sheet 873
2006

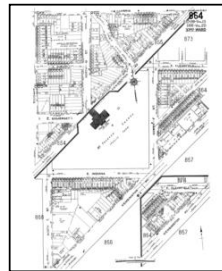
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Volume 9, Sheet 856
2004



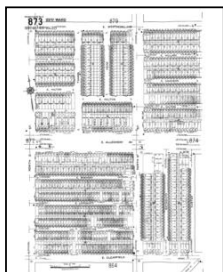
Volume 9, Sheet 857
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Volume 9, Sheet 864
2004

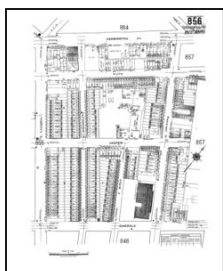


Volume 9, Sheet 868
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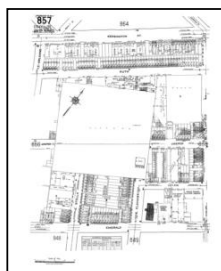


Volume 9, Sheet 873
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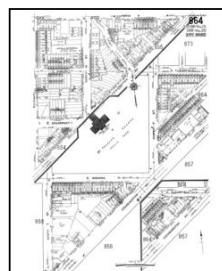
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Volume 9, Sheet 856
2002



Volume 9, Sheet 857
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Volume 9, Sheet 864
2002



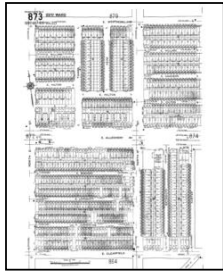
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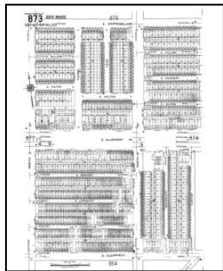


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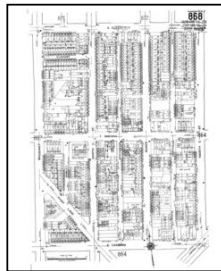


Volume 9, Sheet 873
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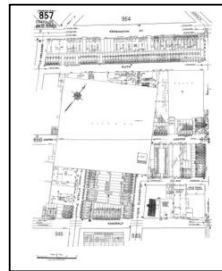
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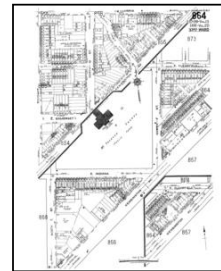
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Volume 9, Sheet 868
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Volume 9, Sheet 857
2000



Volume 9, Sheet 864
2000

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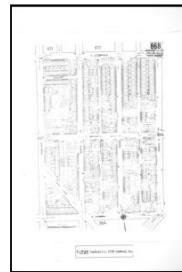
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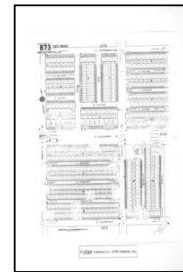
Volume 9, Sheet 857
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Volume 9, Sheet 864
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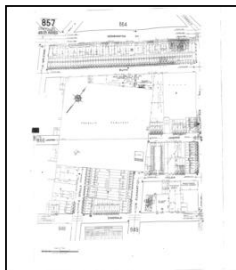


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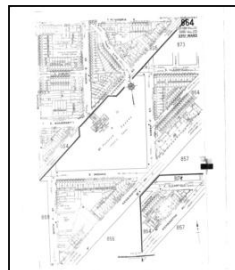


Volume 9, Sheet 873
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1980 Source Sheets



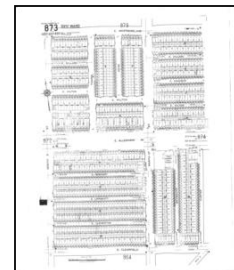
Volume 9, Sheet 857
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Volume 9, Sheet 864
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Volume 9, Sheet 868
1980



Volume 9, Sheet 873
1980

Sanborn Sheet Key

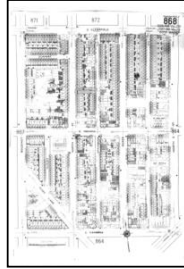
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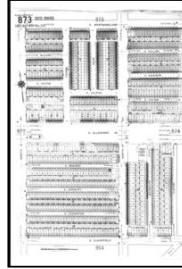
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Volume 9, Sheet 864
1975



Volume 9, Sheet 868
1975

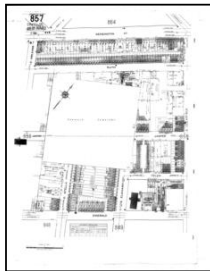


Volume 9, Sheet 873
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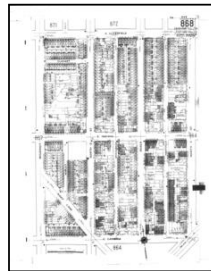


Volume 9, Sheet 856
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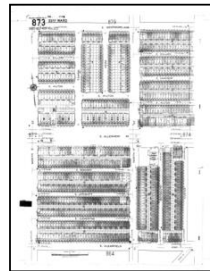
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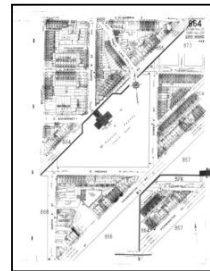
Volume 9, Sheet 857
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Volume 9, Sheet 868
1951

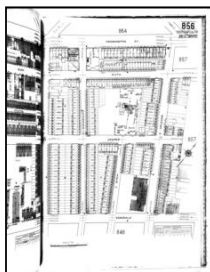


Volume 9, Sheet 873
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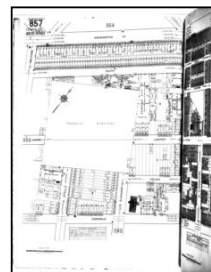


Volume 9, Sheet 864
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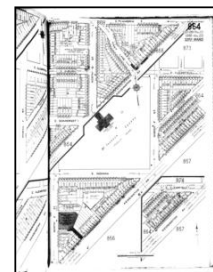
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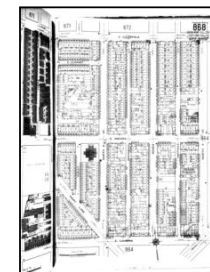
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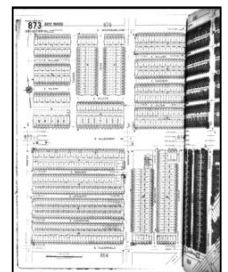
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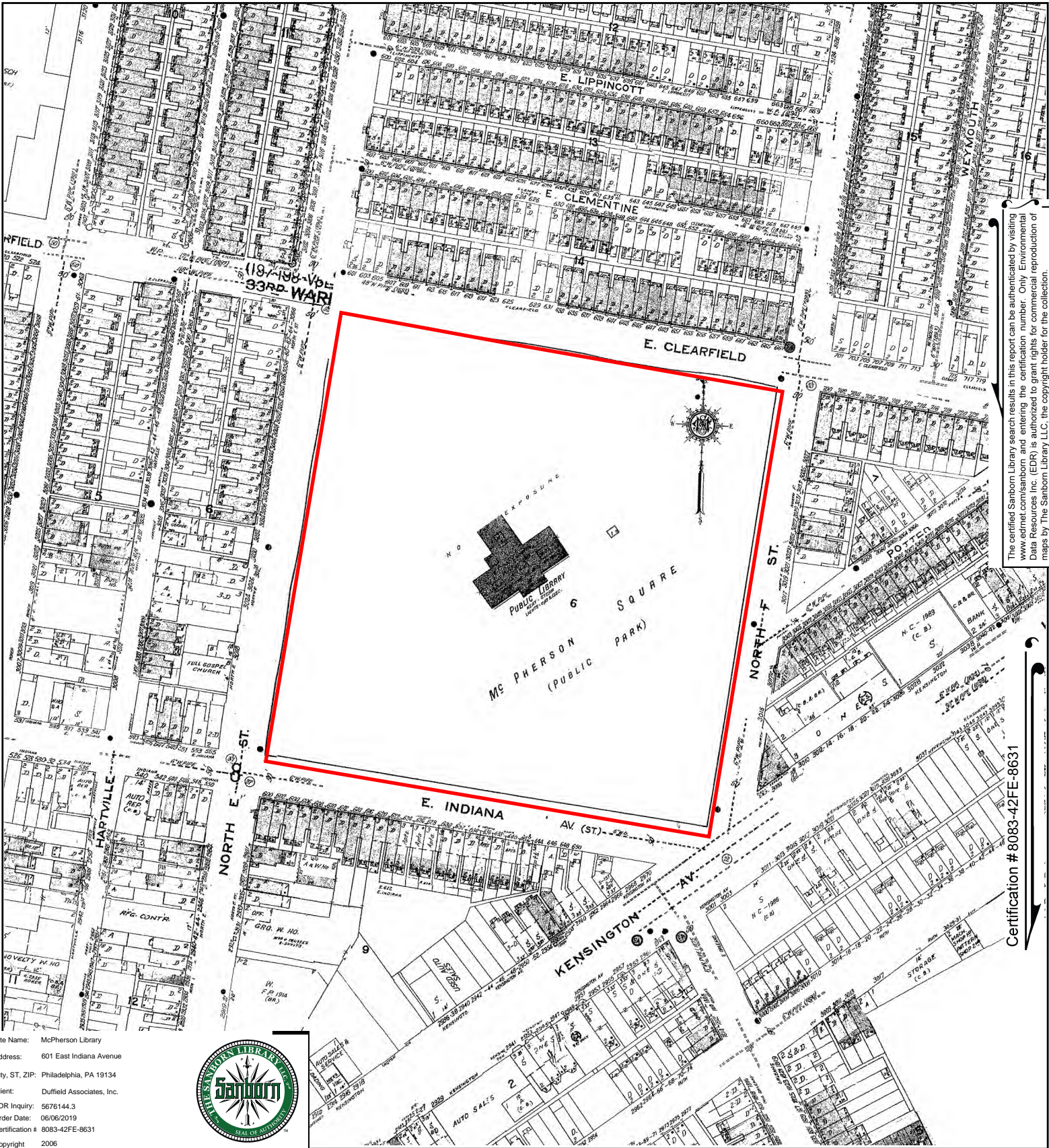
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Volume 9, Sheet 868
1919



Volume 9, Sheet 873
1919



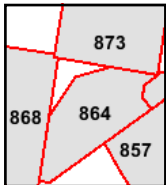
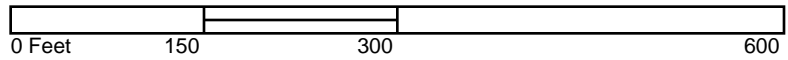
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Certification # 8083-42FE-8631

Site Name: McPherson Library
 Address: 601 East Indiana Avenue
 City, ST, ZIP: Philadelphia, PA 19134
 Client: Duffield Associates, Inc.
 EDR Inquiry: 5676144.3
 Order Date: 06/06/2019
 Certification # 8083-42FE-8631
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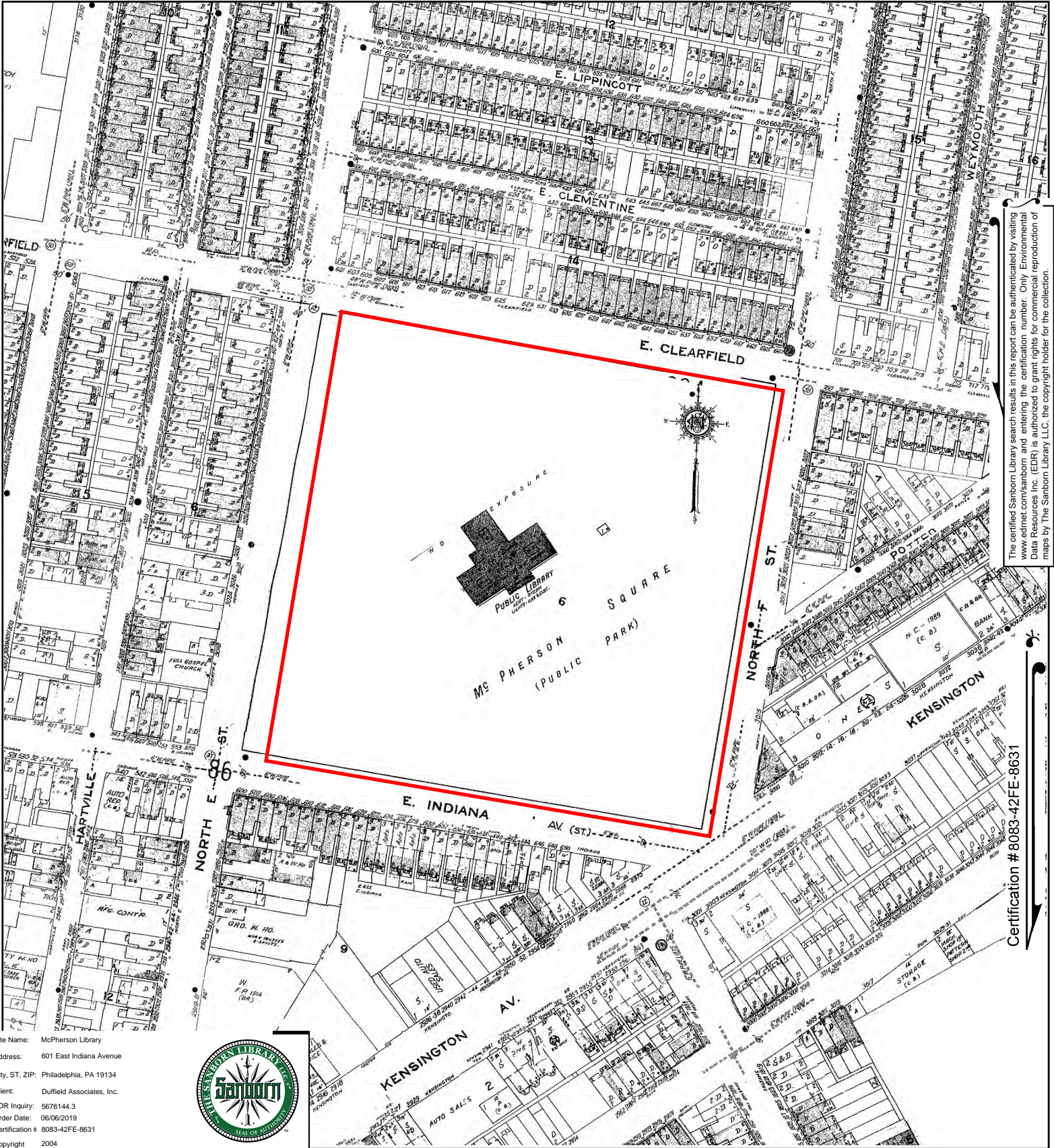


This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 9, Sheet 873
 Volume 9, Sheet 868
 Volume 9, Sheet 864
 Volume 9, Sheet 857





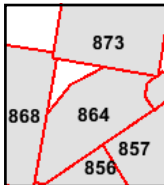
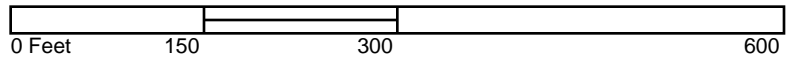
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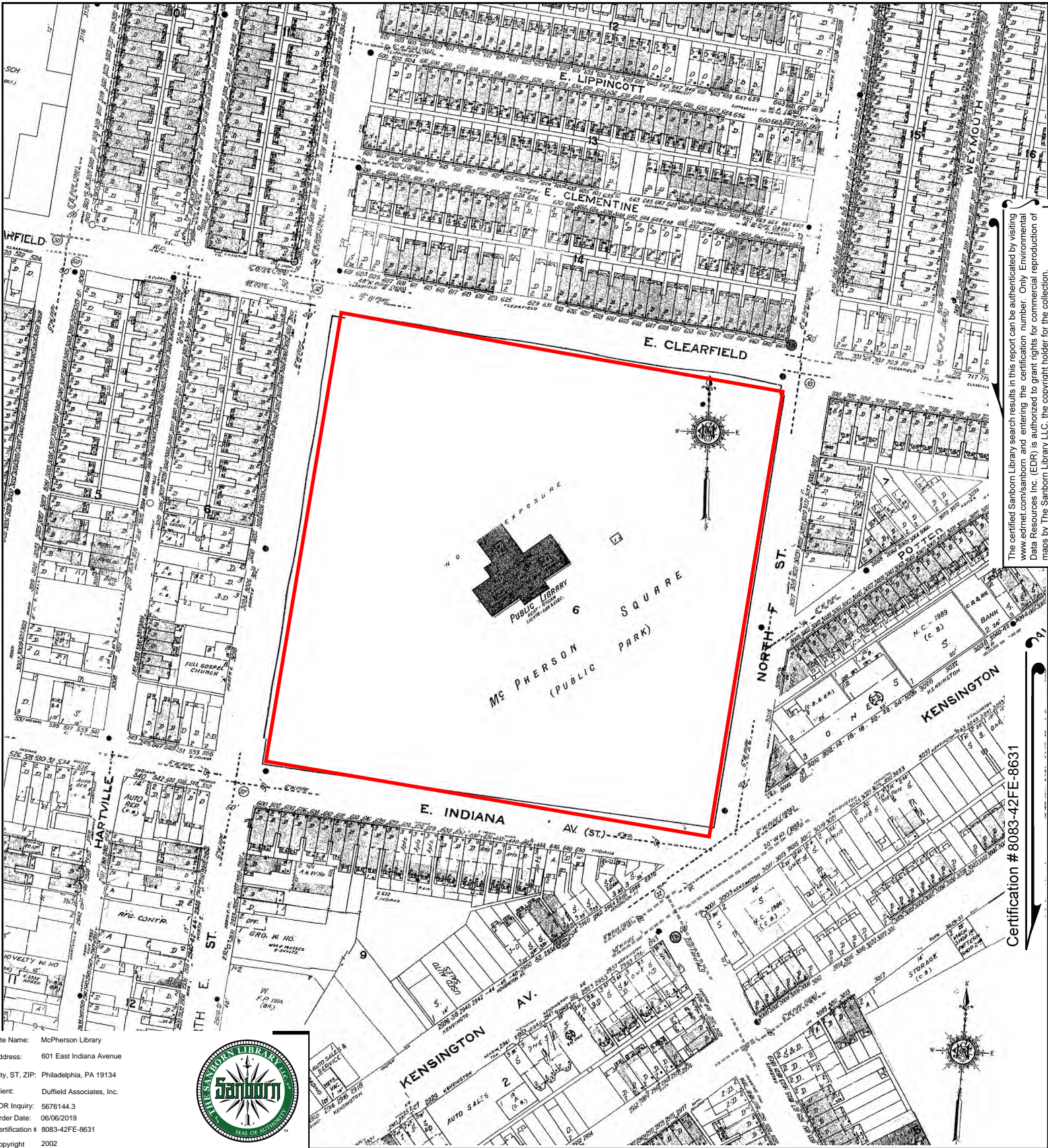


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- Volume 9, Sheet 873
- Volume 9, Sheet 868
- Volume 9, Sheet 864
- Volume 9, Sheet 857
- Volume 9, Sheet 856





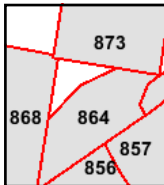
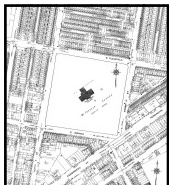
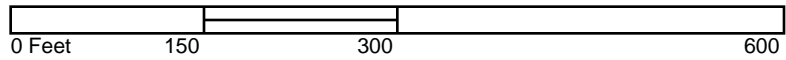
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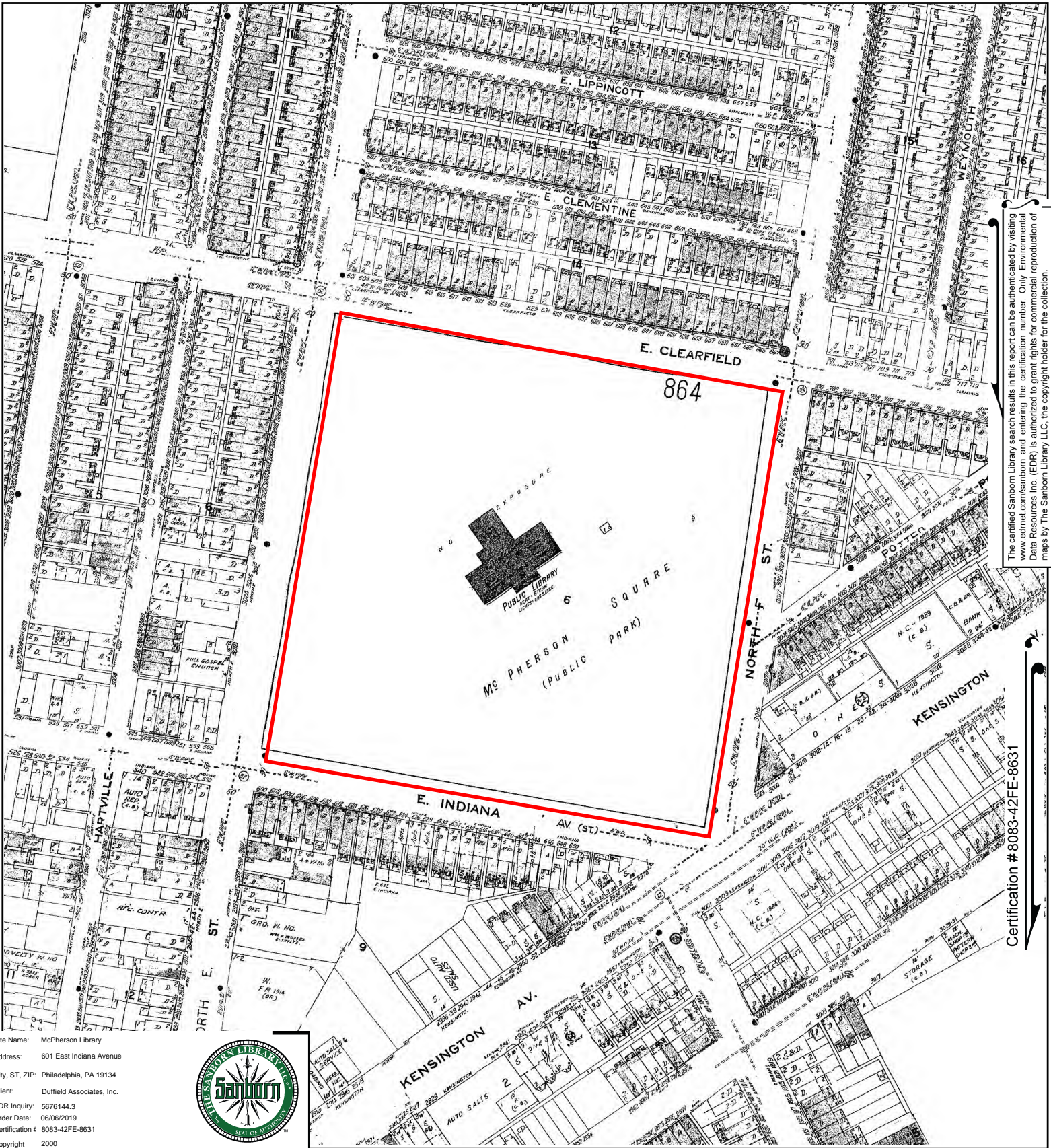


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- Volume 9, Sheet 856





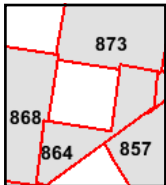
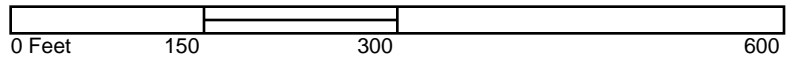
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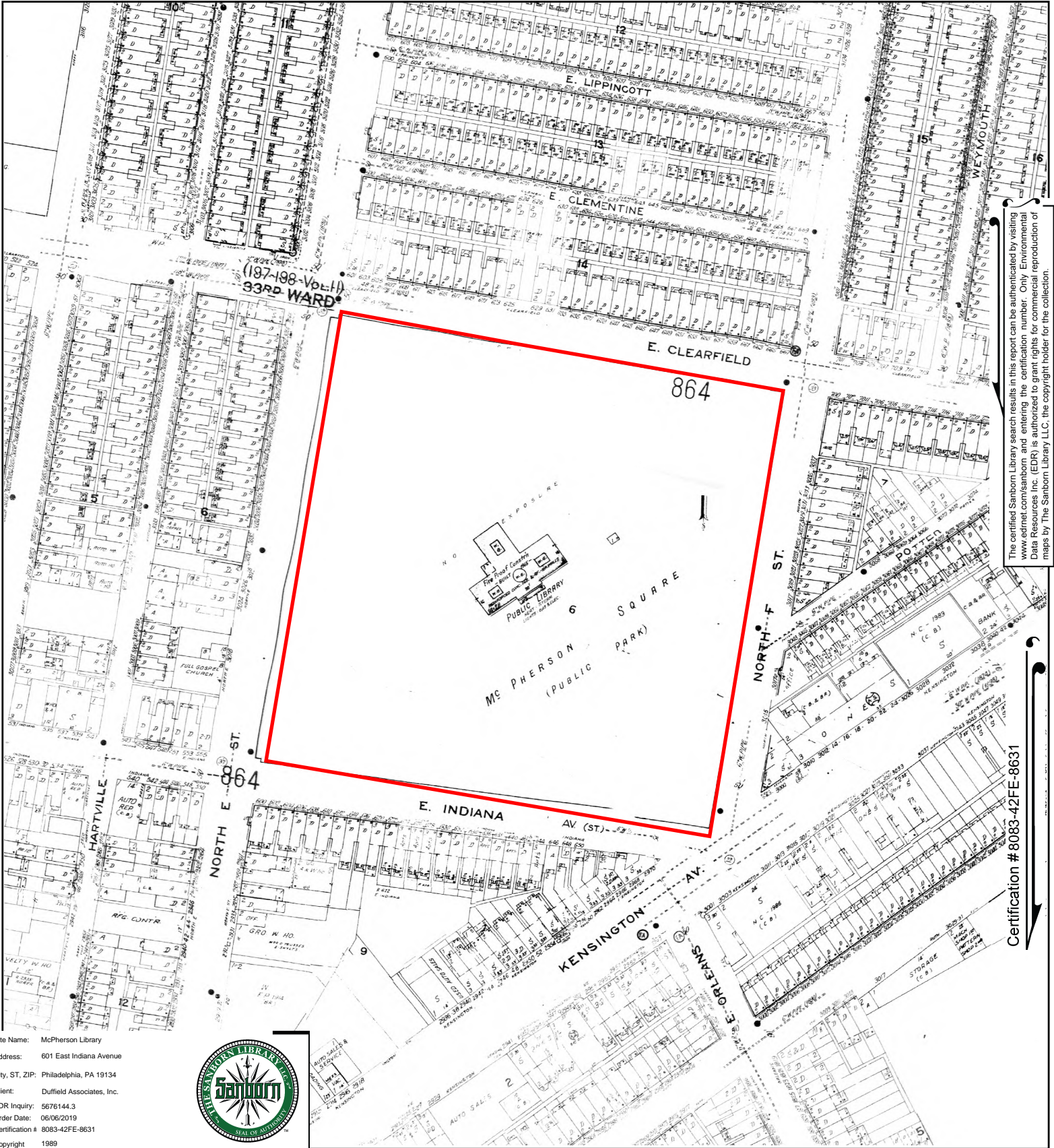


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 Volume 9, Sheet 873





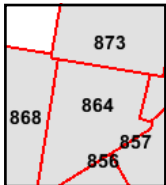
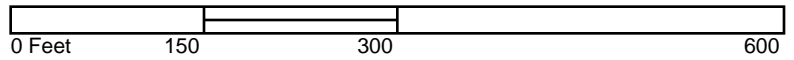
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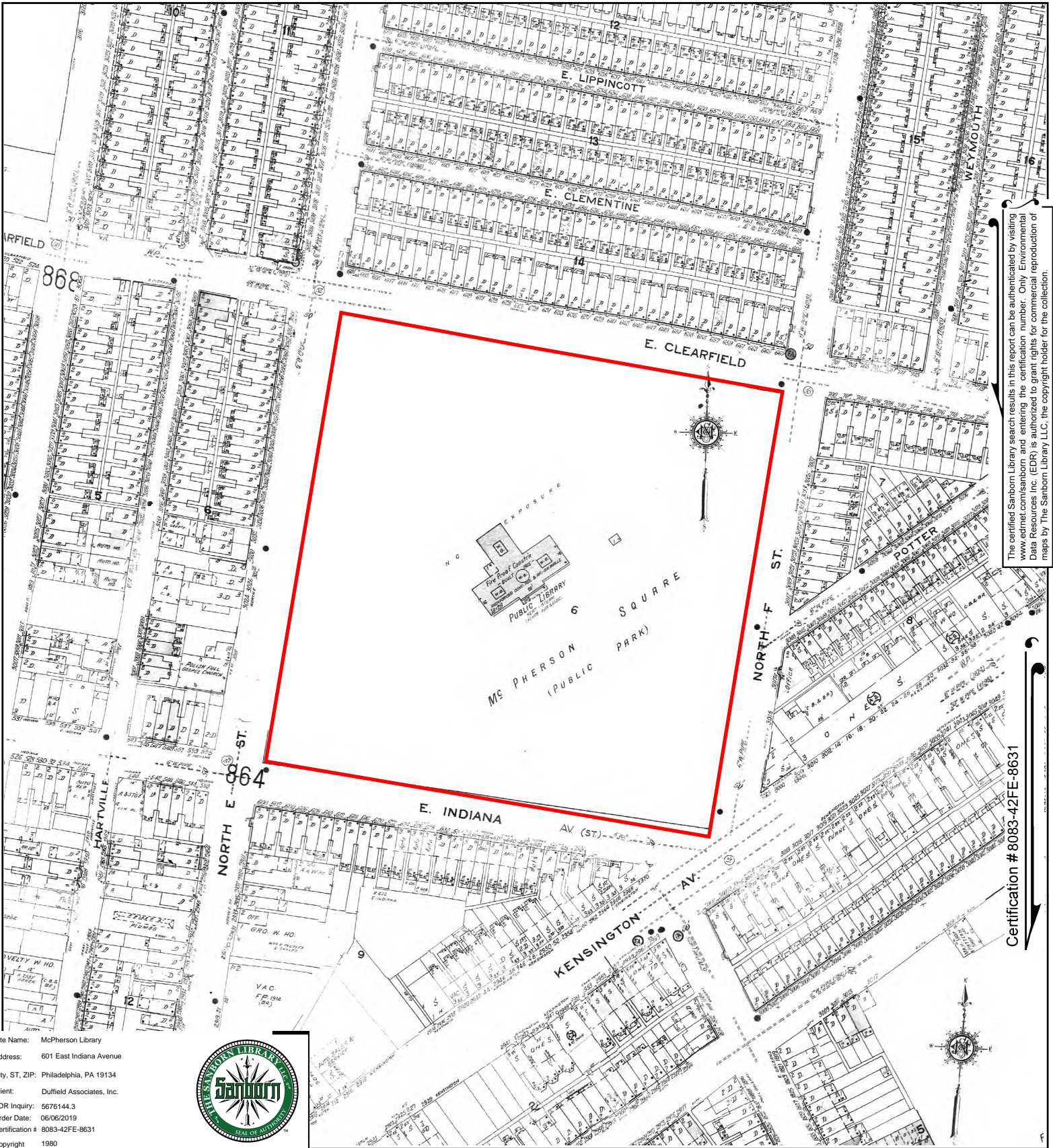


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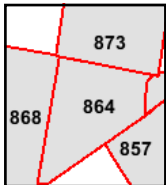
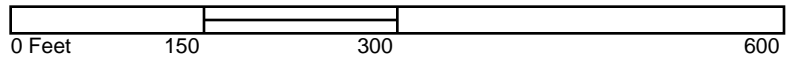
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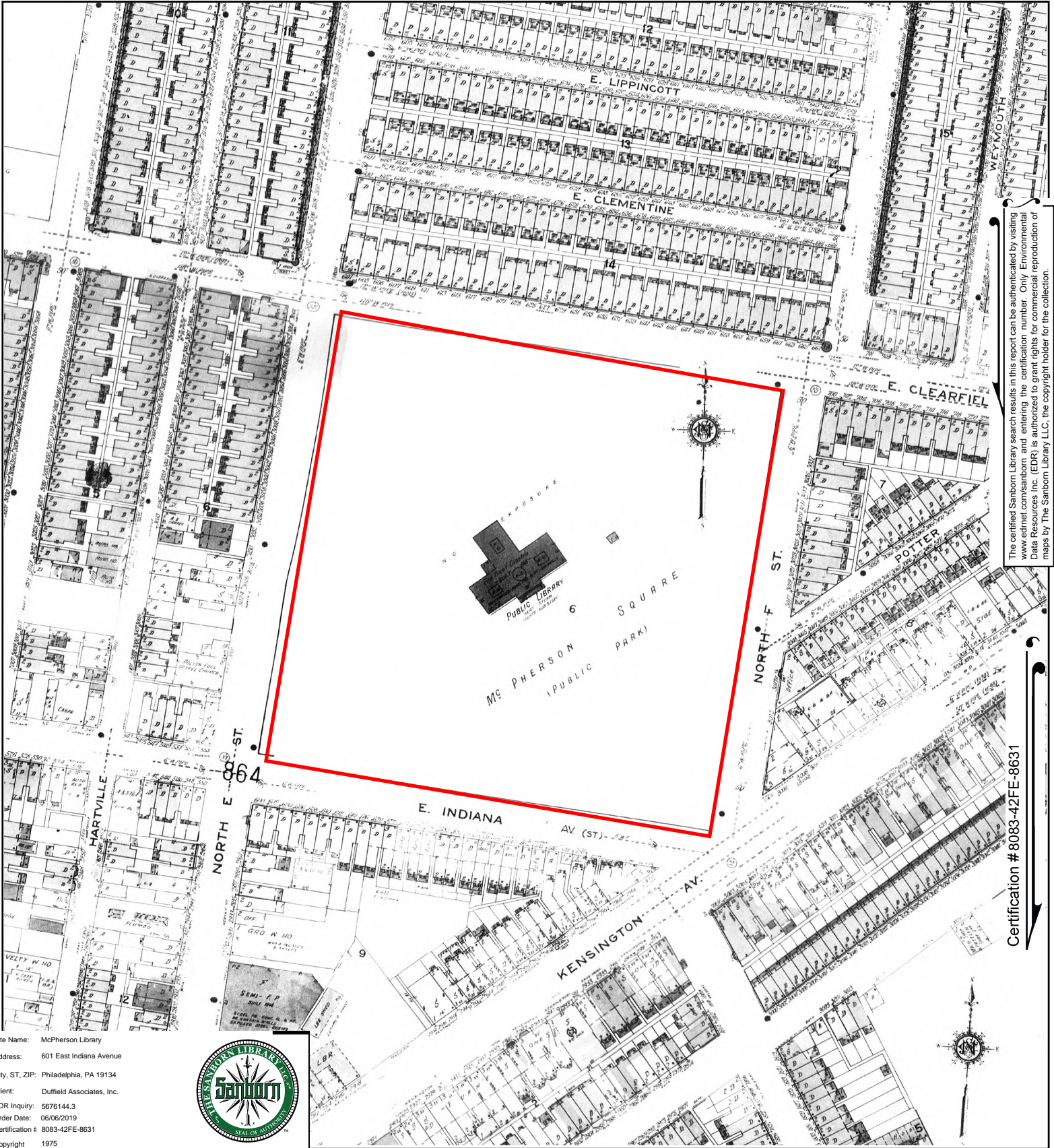


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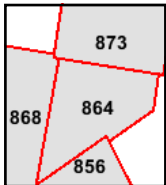
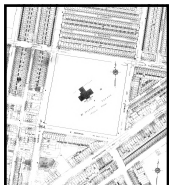
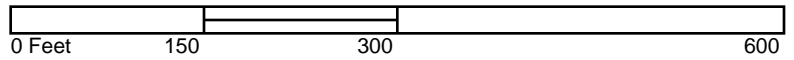
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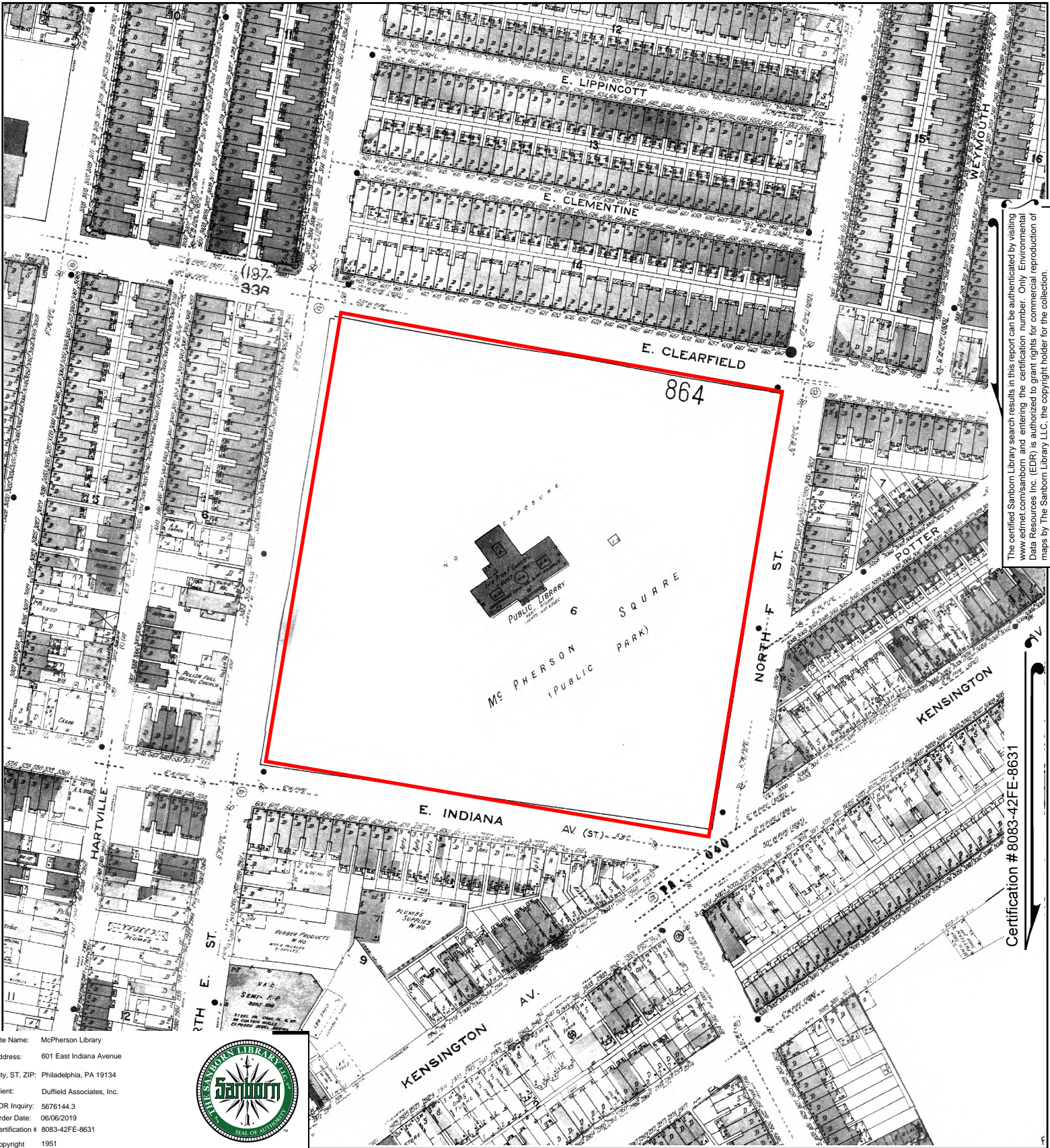


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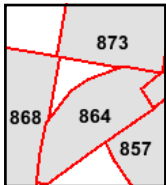
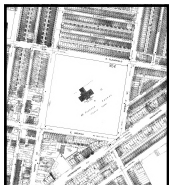
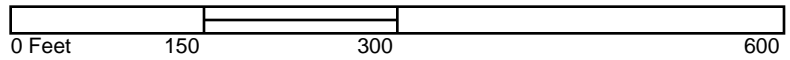
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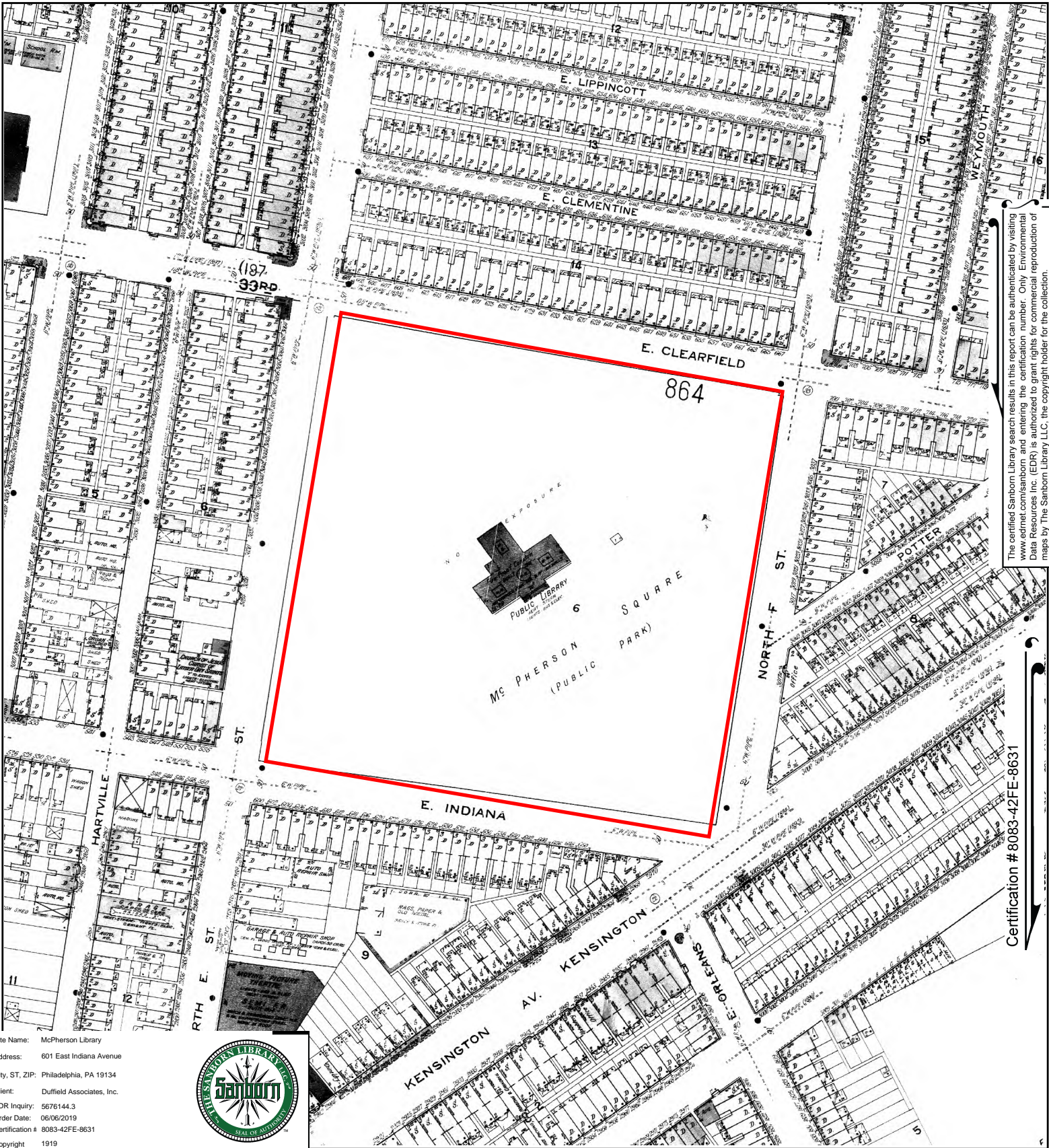


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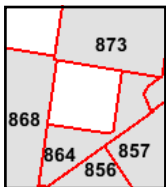
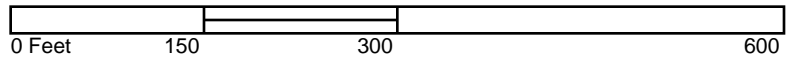
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APPENDIX J

QUALIFICATIONS OF ENVIRONMENTAL

Jennifer L. Gresh, P.G.

Senior Environmental Project Manager/ Environmental Professional

Professional Registration: Professional Geologist – Pennsylvania, Delaware

Education M.S., Geology, University of Delaware, 2002
B.S., Geology, Temple University, 1998

Training/Registrations 40 Hour OSHA Hazardous Materials Operations
City of Philadelphia Asbestos Investigator
Delaware Asbestos Project Monitor
Confined Spaces Permit
EPA AHERA Building Inspector
EPA AHERA Supervisor

Military Experience U.S. Air Force, 1989 – 1994, Honorable Discharge

Background/Skills

Ms. Gresh has over 18 years of experience assessing environmental impact to land, air, and water. Typically impacts are identified during due diligence efforts for land acquisition or in response to regulatory requirements. In her capacity as the Philadelphia Services Leader and as a Senior Environmental Project Manager, Ms. Gresh oversees Phase I and II Environmental Site Assessments, remedial investigation/feasibility studies, Brownfield Investigations, remedial design, health and safety plans, operation and maintenance plans, spill prevention and countermeasure control plans, stormwater plans, aboveground and underground storage tank removals and assessments, and environmental remediation/cleanup projects. Ms. Gresh also has oversight responsibility for asbestos removal, specifications and design. Field experience includes drilling, test pitting and soil boring, soil/sediment sampling and groundwater sampling. Additional experience includes field and subsurface mapping, Ground Penetration Radar, seismic refraction/reflection surveying, Gamma logging, and modeling analytic data.

Selected Project Experience

Contract and Project Manager – Philadelphia Department of Public Property – On-Call Environmental Engineering Services, Philadelphia, PA

Duffield provided environmental consulting services to the Capital Projects Division of the Department of Public Property on an “as needed” basis. Ms. Gresh managed over 100 Work Orders under this contract. Projects have included a variety of services relating to tank compliance testing and reporting, hazardous materials surveys, asbestos, lead, and mold-related services, Phase I/II ESAs, Brownfield-funded assessments, soil contaminant investigations, and Title V consulting services.

Contract and Project Manager - EPA Revolving Loan Fund, Philadelphia, PA

The Philadelphia Authority for Industrial Development (“PAID”) received funding from the USEPA to establish a new revolving loan fund RLF (Revolving Loan Fund) for brownfield remediation in Philadelphia. In support of PAID’s administration of the program Ms. Gresh developed the application document templates, assisted with the development and implementation of a marketing program to solicit applications, assisted PIDC with the development of an applicant ranking system, reviewed applicant eligibility based on the requirements of the EPA and PADEP, and provided oversight of awardees, including review of progress reports.

Contract Manager – Philadelphia Redevelopment Authority – Brownfield Assessments, Philadelphia, PA

The Philadelphia Redevelopment Authority, in partnership with the Mayor’s Office of Sustainability, Philadelphia Parks and Recreation’s FarmPhilly Program, and the Philadelphia Water Department (“the Brownfields Working Group”) was selected to conduct Phase I Environmental Site Assessments (ESAs) of various City-owned properties intended for, or currently used as, community gardens/urban agriculture and/or green stormwater infrastructure. This contract was awarded in the Summer of 2016 and is currently underway.

Contract and Project Manager - Betsy Ross Bridge Improvements, Philadelphia, PA

The Betsy Ross Improvement project required preparation of planning documents for health and safety and soil and groundwater management. Ms. Gresh prepared the documents and managed on-call environmental sampling and analytical services. These services required on-site coordination of environmental concerns, expedited analyses, and daily communication with our client and PADOT.

Senior Consultant - Philadelphia Water Department, Philadelphia, PA.

Duffield Associates provides PWD with consulting services on a variety of projects, including providing opinions of environmental reports submitted as part of the stormwater review process, and performing an evaluation of infiltration criteria. Ms. Gresh in support of this contract, prepared a standard testing protocol for the Philadelphia Water Department for stormwater retrofit project that establishes a benchmark for the requirement for environmental testing and sampling frequency and method protocols that conform to regulatory standards.

Project Manager – Transmontaigne/58th Street Remediation Project, Philadelphia, PA

Ms. Gresh is the manager for the PIDC pilot project under an EPA Brownfield Cleanup Grant and PADEP ISRP Grant. The 26-acre site, a former oil terminal along the Schuylkill River, was underlain with a plume of free-phase petroleum covering approximately 5 acres. Ms. Gresh provided regulatory reporting to both the EPA (Region III Brownfield Coordinator) and PADEP (Southeast Regional Office) Land Recycling Program, regulatory and historic document review, supplemental site assessment, assisted with grant writing, participated in public meetings, reviewed bid specifications and responses, prepared a NPDES permit application for remedial activities, and reviewed remedial activities and contractor request for payment applications as Owner's Representative. Remedial work concluded February 2013. A Final Report for Groundwater was approved by PADEP, providing the owner with Act 2 liability protection for groundwater conditions at this site.

Project Manager - Bartram's Mile, Philadelphia, PA

Philadelphia Parks and Recreation engaged Duffield Associates to assist with remedial planning and design to support construction of Bartram's Mile, which is one mile of currently vacant river frontage along the western banks of the Schuylkill River between Grays Ferry Avenue and 58th Street. Ms. Gresh, as the Project Manager has participated in public meetings and performed Act 2 public notifications, Act 2 site characterization work plans, prepared Act 2 remedial investigation report/risk assessment report and cleanup plan(s), coordinated wetland delineation/permitting/design, provided engineer's opinion of construction costs and stormwater management design solutions.

Project Manager - Brandywine Fibre and Wholesale Electronics (BFWE), Wilmington, DE

Previous uses of the BFWE site included a tannery, a match factory, a fuel blending facility, and a manufacturer of vulcanized fibers. Duffield Associates was engaged by Bank of America to conduct site assessment, remedial planning and design, and oversight under Delaware's Brownfield Program. Bank of America desired unrestricted residential use of the site. To achieve the remedial goals, historical fill materials containing elevated concentrations of metals, polynuclear aromatic hydrocarbons (PAHs), and petroleum were excavated and disposed of offsite. Transportation and disposal of approximately 22,047 tons of non-hazardous materials, 9,784 tons of hazardous materials, and 279 drums of non-hazardous materials were transported and disposed of offsite at the conclusion of remedial activities. For this project, Ms. Gresh also prepared remedial cost estimates, conducted public meetings, prepared bid specifications and conducted regulatory agency coordination. In summary, the remedial action satisfied the objectives of the approved remedial plan, and the soils at the property meet the regulatory standard for residential use.

Project Manager- Wilmington Hospital Expansion Soil Management, Wilmington, DE

During geotechnical evaluations to support the expansion of Wilmington Hospital, petroleum impacted soils were observed. Ms. Gresh designed and oversaw a sampling and analysis program of the area of impact that enabled the preparation of a soil management plan to support site redevelopment. The soil management plan was approved by DNREC's Tank Management Branch and site work was permitted to occur. To date, approximately 11,000 tons of environmentally impacted soils have been removed from the site in accordance with regulatory guidelines. Ms. Gresh also provided support for other environmental issues encountered during construction, to include excavation dewatering permits. The excavation dewatering program provides for pretreatment of water for petroleum compounds prior to discharge. Thus far, approximately 607,000 gallons of water has undergone pre-treatment in advance of discharge to the public wastewater system. This project has received regulatory closure.

Project Manager – Christiana Care Health System Spill Response and AST Audit, Newark, Delaware

Approximately 1,500 gallons of No. 2 fuel oil was released to an on-site storm water management basin. Ms. Gresh monitored cleanup activities, provided liaison services to DNREC for the facility owner, and prepared a site closure report to the satisfaction of DNREC. In response to the release, DNREC conducted an audit of the management of the facility's ASTs. In response to this audit, Ms. Gresh assisted the facility with achieving compliance, which included, but not limited to, tank inspections, training, and preparation of an integrated Spill Prevention and Countermeasure Control (SPCC) Plan and Release Preparedness Plan.

Project Manager- Asbestos Abatement, MV New Jersey and MV Delaware, Delaware River and Bay Authority

Due to the potential for damage to asbestos-containing pipe insulation on engine, generator, and boiler lines, the Delaware River and Bay Authority required delineation and removal of asbestos-containing insulating materials. This project was time-sensitive as the vessel is part of the Cape May-Lewes Ferry. Ms. Gresh oversaw sampling and analysis of insulating materials, assisted with specifications for the abatement, reviewed bid responses and provided oversight during the abatement. This project completed on time and did not adversely affect the ferry schedule.

Project Manager- Penn Terminals, NPDES Consulting Services, Eddystone, PA

Ms. Gresh prepared a stormwater management plan (SMP) for Penn Terminals, a multi-purpose marine terminal located in Eddystone, Pennsylvania, and situated on the Delaware River. The SMP was prepared to comply with Pennsylvania's planning and reporting requirements under the National Pollutant Discharge Elimination System (NPDES), General Permit for Discharges of Stormwater Associated with Industrial Activities (General Permit). The SMP was approved by the regulatory agency, and Ms. Gresh has conducted follow-up inspections to support the facilities' permit compliance reporting.

Project Manager- Soil Assessments for PADEP Management of Fill, Philadelphia, PA

Ms. Gresh has managed numerous projects related to the management of fill during site development. Ms. Gresh has developed sampling plans based on PADEP Bureau of Waste Managements' Management of Fill policy and provided consulting services for soil disposal.

Daniel Hartman

Project Geologist

Education/Training

B.S., Geology, La Salle University, 2015
B.S., Environmental Science, La Salle University, 2015
Double Major

Certifications:

40 Hour OSHA HAZWOPER

Background/Skills

In his capacity as a project geologist, Mr. Hartman has experience performing geotechnical and environmental related work throughout Pennsylvania, New Jersey, Delaware and Maryland. His environmental field experience includes Phase I and II Environmental Site Assessments, Brownfield Investigations, groundwater evaluations and monitoring, and soil, groundwater, sediment, and surface water sampling. Office duties have included, technical report writing, GIS/geologic mapping and the analysis and interpretation for groundwater and soil data.

Selected Project Experience

Project Geologist – Remedial Investigation, Giles and Ransom, Bensalem, PA

The 100+ acre site, a repair and maintenance facility for Caterpillar, had released substances used during daily activity. Mr. Hartman performed soil, groundwater, sediment, surface water, soil gas and vapor intrusion evaluations at the Giles and Ransom facility in Bensalem, PA to assess current site conditions for the purpose of pursuing closer under Pennsylvania's Land Recycling and Environmental Remediation Standards Act. Project duties include the oversight of the installation of shallow aquifer groundwater wells, deep aquifer groundwater wells, soil gas wells and sub-slab soil gas probes. Sampling duties include quarterly groundwater monitoring of shallow and deep wells, soil, soil vapor, sub-slab, indoor air, ambient air, sediment and surface water sampling. Mr. Hartman is also involved with data interpretation and preparation of reports and figures to update the status of the remedial investigation. This project is on-going.

Project Geologist – Phase I Environmental Site Assessments, PA/DE/NJ/MD

Mr. Hartman has worked closely with clients to perform Phase I Environmental Site Assessments throughout Pennsylvania, Delaware, New Jersey, and Maryland. This work included reviewing selected historical and regulatory information pertaining to the properties and nearby lands, and performing walking visual reconnaissance in accordance with ASTM "Standards and Practices for All Appropriate Inquiries" in order to identify recognized environmental conditions at the properties.

Project Engineer – City of Philadelphia Prison System, Title V Compliance, Philadelphia, PA

Duffield Associates is involved in the annual review of the prison facility's emission documents for compliance to State and Federal regulations. Mr. Hartman is responsible for the creation of standardized forms for the facility to utilize in recordkeeping and for the collection and review of facility documents for compliance with regulations and their Title V permit. He performed emission calculations and wrote the facility responses to state and federal agencies.

Project Geologist – Underground Storage Tank Removal, PA/NJ/DE

Working with the regulatory authority in each particular state, Mr. Hartman provided field oversight of the removal of underground storage tank systems at various location through the tri-state area. Mr. Hartman's specific roles included reviewing the subsurface conditions surrounding the tank for potential petroleum-impacted soils and collecting samples for analysis. In addition, Mr. Hartman reviewed analytical results and generated an assessment report.

Project Geologist – Environmental Oversight, Betsy Ross Bridge Project, Philadelphia PA

Working closely with our client, Mr. Hartman provided environmental oversight relating to construction activities at the Betsy Ross Bridge. Specific duties included developing sampling and analysis plans, review of subsurface conditions, soil and groundwater sampling, soil logging and report writing during several months of construction. This project is on-going.

Project Geologist – Soil and Groundwater Remedial Investigation, Lewes, DE

Working with Delaware's Department of Natural Resources and Environmental Control - Site Investigation and Restoration Section (DNREC-SIRS), Mr. Hartman assisted in field operations and the performance of a supplemental Remedial Investigation (RI) for a Voluntary Cleanup Program (VCP) site located in Lewes, DE. Field operations included oversight, logging, and sampling of GeoProbe soil borings, hand auger soil borings and monitoring well installation. Monitoring wells were installed by standard penetration test (SPT) method via hollow stem auger and mud-rotary techniques to depths up to 120 feet below ground surface (bgs).

Project Geologist – Former Gasoline Station Brownfield Redevelopment, Newark, DE

Mr. Hartman coordinated with DNREC Site Investigation and Restoration Section to develop and conduct a Brownfield Investigation for a former gasoline station that was being proposed for redevelopment. Specific roles included developing a Conceptual Site Model Site Summary, Health and Safety Plan, and Brownfield Investigation Work Plan and conducting initial

Brownfield Investigation fieldwork including soil boring sampling and groundwater monitoring well construction and sampling in accordance with Delaware's Hazardous Substance Cleanup Act Regulations.

Project Geologist – Phase II Environmental Site Assessments (ASTM E 1527)

Working closely with clients, Mr. Hartman has performed Phase II Environmental Site Assessments throughout Pennsylvania and Delaware. Mr. Hartman's responsibilities included the design of soil sampling and analysis plans and monitoring, logging and collecting soil samples through Geoprobe, hand auguring and test pit methods. Mr. Hartman has evaluated analytical data and generated Phase II Environmental Site Assessment reports.

APPENDIX K

ASBESTOS AND LEAD BASED PAINT INSPECTION REPORT

August 9, 2019

Ms. Jennifer Gresh
Duffield Associates
211 North 13th Street, Suite 704
Philadelphia, PA 19107

**Re: Report for Asbestos and Lead Based Paint Investigations & Sampling
McPherson Library – 601 East Indiana Ave, Philadelphia, PA 19134**
Synertech Incorporated Project No. 632-190

Dear Ms. Gresh:

As directed by your office, *Synertech Incorporated* conducted an environmental investigation at the McPherson Library located at 601 East Indiana Avenue in Philadelphia, Pennsylvania. The scope of the investigation focused on locating and quantifying asbestos containing materials (ACMs) and Lead Based Paint (LBP) throughout the building. This report is a summary of the investigation, observations, and sample results generated.

I. Asbestos Inspection

The purpose of the inspection was to identify ACMs on all exposed areas of the structure. The building was inspected to generate the data provided in this report for the purposes of establishing the conclusions regarding the type, quantity, location, and condition of the ACMs observed. A City of Philadelphia Pennsylvania Licensed Asbestos Investigator collected bulk samples of suspect ACMs located throughout the building and generated a list of all identified homogeneous areas.

When conducting an asbestos inspection, the various suspect asbestos containing building materials are grouped into “homogeneous areas” for sampling and assessment. A homogeneous area is defined as an area of a particular **material** that is uniform in color, texture, application, date of installation and function and is believed to be similar in all other aspects. Samples of each homogenous area (material) are then collected to determine its asbestos content.

Note that exploratory demolition was not performed to locate and quantify concealed ACMs. The building was occupied and functional during the survey, and every effort was employed to maintain the integrity of architectural surfaces, operating mechanical systems, and structural components. Bulk samples were not collected from any homogeneous area that would cause aesthetic damage or where the Asbestos Investigator determined that the material is fiberglass, foam glass, rubber, metal, or wood.

An asbestos containing material (ACM) is defined as one that has a composition of greater than one (1%) percent asbestos by weight. Upon confirmation of a material to be asbestos containing, a physical assessment is provided to document its quantity, condition, and friability classification. The friability of a material is a term used to describe a physical property of suspect asbestos containing materials. A friable material is one that, when dry, can be crushed and reduced to a powder by hand pressure. Conversely, a non-friable material is one that, when dry, cannot be crushed and reduced to a powder by hand pressure. Refer to more detailed definitions of friable and non-friable asbestos containing materials presented below.

☒ **EPA Category I Non-friable ACM (NF1)**

ACMs that cannot be reduced to a powder by hand pressure or crumbled between the fingers, limited to asbestos-containing gaskets, packings, resilient floor coverings, resilient floor covering mastic, and asphalt roofing products. Asphalt roofing products which may contain asbestos include built-up roofing; asphalt-containing single ply membrane systems; asphalt shingles; asphalt-containing underlayment felts; asphalt-containing roof coatings and mastics; and asphalt-containing base flashings. ACM roofing products that use other bituminous or resinous binders (such as coal tars or pitches) are also considered to be EPA Category I Non-friable ACM. In an EPA Category I Non-friable ACM, the asbestos fibers remain bound within the matrix of the material. These types of materials pose no hazard of releasing asbestos fibers into the air unless rendered friable by activities including sanding, grinding, pulverizing, penetrating or cutting with power tools, or otherwise reducing to a powder. Mere cracking or minor breakage does not constitute the type of damage that would be considered as rendering these types of asbestos materials friable.

☒ **EPA Category II Non-friable ACM (NF2)**

ACMs that cannot be reduced to a powder by hand pressure or crumbled between the fingers, and includes all other non-friable ACMs that are not classified as an EPA Category I Non-friable ACM. EPA Category II Non-friable ACMs include, but are not limited to, asbestos-cement shingles, asbestos cement tiles, cementitious “transite” boards or panels and cementitious Laboratory Table Tops. In an EPA Category II Non-friable ACM, the asbestos fibers remain bound within the matrix of the material. These types of materials pose no hazard of releasing asbestos fibers into the air unless rendered friable by activities including breaking, sanding, grinding, pulverizing, penetrating or cutting with power tools, or otherwise reducing the panels or table tops to a powder. However, minor breakage does constitute the type of damage that would be considered as rendering these types of materials friable, as asbestos fibers may be released along the fractured surfaces or from the edges exposed by the breakage. Generally speaking, EPA Category II Non-friable ACMs is more likely to become friable when damaged than is EPA Category I Non-friable ACM.

☒ **EPA Regulated Friable ACM (FRI)**

ACMs that can be reduced to a powder by hand pressure or crumbled between the fingers including, but not limited to, thermal insulation (e.g. - pipe, boiler, tank insulation) and surfacing materials (e.g. acoustical plaster, acoustic ceiling tiles, fireproofing). These ACMs pose a significant hazard of releasing asbestos fibers into the air when impacted or damaged in any way.

All bulk samples were analyzed by IATL of Mt. Laurel, NJ (NIST-NVLAP No. 101/10165-0; AIHA Lab No. 100188). Bulk samples were analyzed via Polarized Light Microscopy (PLM), method EPA 600/R-93/116, the standard method of analysis for asbestos content in building materials. The PC designation listed on the Certificate of Analyses refers to the point counting variation of this method, which is used for samples with low asbestos content. Reference the attached Asbestos Bulk Sample Chain of Custody Logs and Laboratory Certificates of Analyses for individual results.

Summary of Findings – Asbestos Investigation

Friable Asbestos Containing Materials

- ✘ White Packing surrounding the Boiler Breeching/Chimney connection point in the Basement Mechanical Room
- ✘ Magnesia (MAG) Pipe/Pipe Fitting Insulation throughout the Attic

EPA Category II Non-Friable Asbestos Containing Materials

- ✘ Wood and Metal Fire Doors throughout the Building (assumed asbestos-containing interiors)
- ✘ Wire Insulation inside Electric Panels throughout the Building (assumed present; assumed asbestos-containing)

EPA Category I Non-Friable Asbestos Containing Materials

- ✘ 12” x 12” White Floor Tile and associated Mastic throughout the Basement and First Floor (below non-asbestos Vinyl Composite Tile and carpeting in certain locations)
- ✘ Roof - field and flashing (assumed asbestos-containing)

Confirmed Non-Asbestos Containing Materials

- ✘ 2’ x 2’ Acoustical Ceiling Tiles in the Basement and First Floor Library Restroom
- ✘ Plaster Walls, Ceilings and Columns throughout the Building (grey undercoats & top skim coats)
- ✘ Plaster Ceiling Debris in the First Floor Library Office Section
- ✘ Homasote Wallboard in the Basement Community Room
- ✘ Joint Compound associated with Drywall/Joint Compound Wall Systems in the Basement Community Room and Basement Hallway at the Rear Stairwell
- ✘ Drywall/Joint Compound Wall System Composite in the Basement Community Room
- ✘ Cement Cove Base throughout the Building
- ✘ 12” x 12” White Floor Tile and associated Mastic in the Basement Private Staff Corridor (top layer – bottom layer of white 12x12 tile and mastic confirmed asbestos containing)

continued

Confirmed Non-Asbestos Containing Materials (continued)

- ✘ Hard Packed Pipe Fitting Insulation associated with hot water supply and hot water return piping throughout the Basement Mechanical Room (applied to fiberglass-insulated pipe lengths)
- ✘ Sink Undercoat Mastic in the Basement Private Staff Kitchen
- ✘ Grey Packing surrounding the Boiler Breeching/Chimney connection point in the Basement Mechanical Room (applied over a white, asbestos-containing packing)
- ✘ Cement Ceiling in the Basement Mechanical Room
- ✘ Whitewash applied to Masonry Walls in the Basement Mechanical Room
- ✘ 12” x 12” Pink Floor Tile and associated Mastic behind the desk in the First Floor Main Lobby (top layer – bottom layer of white 12x12 tile and mastic confirmed asbestos containing)
- ✘ Black Vinyl Cove Base and associated Mastic in the First Floor Library
- ✘ Tan Stair Tread and associated Mastic in the Rear Stairwell
- ✘ Slate Cove Base below Bookshelves in the First Floor Library
- ✘ Coating applied to Exterior Stucco
- ✘ Blown-in Insulation throughout the Attic

Confidently Assumed Non-Asbestos Containing Materials

- ✘ Concrete Floors, Concrete Walls, Brick Walls, Masonry Walls throughout the Building
- ✘ All internal materials associated with the Weil-McLain gas-fired furnace and breeching
- ✘ Fiberglass Insulation applied to small Tank above the Weil-McLain gas-fired furnace
- ✘ All internal materials associated with Air Handling Units 1 and 2
- ✘ Black Vinyl Vibration Damper Connectors associated with Air Handling Units 1 and 2
- ✘ Fiberglass Pipe Insulation and Plastic Fittings applied to Domestic Water Piping and Heating System Piping throughout the Basement
- ✘ Ceramic Floor and Wall Tile in the First Floor Library Restroom
- ✘ Newer Replacement Windows Throughout
- ✘ No Exterior Door Caulk Identified
- ✘ Exterior Rubber Playground Mats

continued

Inaccessible Areas

- ☒ Underground Restrooms accessible from the Exterior

Detailed Listing of Homogeneous Materials

The following table lists the homogeneous materials identified during the inspection:

HM ID	SAMPLE #	DESCRIPTION	SAMPLE LOCATION	CLASSIFICATION
A	1,3,5,40	12” x 12” White Floor Tile	Basement Community Room, behind the desk in the First Floor Main Lobby	NF1 PC 1.3-1.7% chrysotile
B	2,4,6	Mastic associated with 12” x 12” White Floor Tile	Basement Community Room	NF1 PC 1.8-2.0% chrysotile
C	7,21	2’ x 2’ Acoustical Ceiling Tile	Basement Community Room, Basement Hall at Stairwell	Non-Asbestos
D	8,22,42,44	Plaster Wall/Column Undercoat	Basement Community Room, Basement Lounge, First Floor Library	Non-Asbestos
E	9,23,43,45	Plaster Wall/Column Topcoat	Basement Community Room, Basement Lounge, First Floor Library	Non-Asbestos
F	10	Homasote Wallboard	Basement Community Room	Non-Asbestos
G	11,35	Joint Compound	Basement Community Room, Basement Hall at Stairwell	Non-Asbestos
H	12	Drywall/Joint Compound Wall System Composite	Basement Community Room	Non-Asbestos
I	13,15,17,46	Plaster Ceiling Undercoat	Basement Gas Main Room, Basement Community Room, Basement Lounge, First Floor Library	Non-Asbestos
J	14,16,18,47	Plaster Ceiling Topcoat	Basement Gas Main Room, Basement Community Room, Basement Lounge, First Floor Library	Non-Asbestos
K	19,20	Cement Cove Base	Basement Gas Main Room, Basement Lounge	Non-Asbestos
<i>continued</i>				

HM ID = homogeneous material identification
 FRI = EPA Regulated Friable ACM

NF1 = EPA Category I Non-friable ACM
 NF2 = EPA Category II Non-friable ACM

Detailed Listing of Homogeneous Materials

The following table lists the homogeneous materials identified during the inspection:

HM ID	SAMPLE #	DESCRIPTION	SAMPLE LOCATION	CLASSIFICATION
L	24	12" x 12" White Floor Tile	Basement Private Staff Corridor (top layer)	Non-Asbestos
M	25	Mastic associated with 12" x 12" White Floor Tile	Basement Private Staff Corridor (top layer)	Non-Asbestos
N	26, 27, 28, 29	Hard Packed Pipe Fitting Insulation	applied to fiberglass-insulated pipe lengths on hot water supply and hot water return piping throughout the Basement Mechanical Room	Non-Asbestos
O	30	Sink Undercoat Mastic below Stainless-Steel Sink	Basement Private Staff Kitchen	Non-Asbestos
P	31	White Packing surrounding the Boiler Breeching/Chimney connection point	Basement Mechanical Room	FRI 25% chrysotile
Q	32	Grey Packing surrounding the Boiler Breeching/Chimney connection point	Basement Mechanical Room	Non-Asbestos * (applied over a white, asbestos-containing packing)
R	33,34	Cement Ceiling	Basement Mechanical Room	Non-Asbestos
S	36	Whitewash applied to Masonry Walls	Basement Mechanical Room	Non-Asbestos
T	37,38	Plaster Ceiling Debris	First Floor Library Office Section	Non-Asbestos
U	39	12" x 12" Pink Floor Tile	behind the desk in the First Floor Main Lobby (top layer)	Non-Asbestos
V	40	Mastic associated with 12" x 12" White Floor Tile	behind the desk in the First Floor Main Lobby (top layer)	Non-Asbestos
W	48	Slate Cove Base below Bookshelves	First Floor Library	Non-Asbestos

continued

HM ID = homogeneous material identification
 FRI = EPA Regulated Friable ACM

NF1 = EPA Category I Non-friable ACM
 NF2 = EPA Category II Non-friable ACM

Detailed Listing of Homogeneous Materials

The following table lists the homogeneous materials identified during the inspection:

HM ID	SAMPLE #	DESCRIPTION	SAMPLE LOCATION	CLASSIFICATION
X	49	Tan Stair Tread	First Floor Rear Stairwell	Non-Asbestos
Y	49	Mastic associated with Tan Stair Tread	First Floor Rear Stairwell	Non-Asbestos
Z	50	Black Vinyl Cove Base	First Floor Library	Non-Asbestos
A-1	50	Mastic associated with Black Vinyl Cove Base	First Floor Library	Non-Asbestos
B-1	51,52	Coating applied to Exterior Stucco	Front Facade, Rear Facade	Non-Asbestos
C-1	53	Blown-in Insulation	Attic (accessed from ladder in Basement Mechanical Room)	Non-Asbestos
D-1	-	Magnesia (MAG) Pipe/Pipe Fitting Insulation in the Attic (accessed from ladder in Basement Mechanical Room)	Not Sampled	FRI
E-1	-	Wood and Metal Fire Doors throughout the Building (assumed asbestos-containing interior cores)	Not Sampled	ASSUMED NF2
F-1	-	Wire Insulation inside Electric Panels throughout the Building	Not Sampled	ASSUMED NF2
G-1	-	Roof - field and flashing	Not Sampled	ASSUMED NF1
H-1	-	Concrete Floors, Concrete Walls, Brick Walls, Masonry Walls throughout the Building	Not Sampled	Confidently Assumed Non-Asbestos
I-1	-	All internal materials associated with the Weil-McLain gas-fired furnace and breeching		
<i>continued</i>				

HM ID = homogeneous material identification
 FRI = EPA Regulated Friable ACM

NF1 = EPA Category I Non-friable ACM
 NF2 = EPA Category II Non-friable ACM

Detailed Listing of Homogeneous Materials

The following table lists the homogeneous materials identified during the inspection:

HM ID	SAMPLE #	DESCRIPTION	SAMPLE LOCATION	CLASSIFICATION
J-1	-	Fiberglass Insulation applied to small Tank above the Weil-McLain gas-fired furnace	Not Sampled	Confidently Assumed Non-Asbestos
K-1	-	All internal materials associated with Air Handling Units 1 and 2		
L-1	-	Black Vinyl Vibration Damper Connectors associated with Air Handling Units 1 and 2		
M-1	-	Fiberglass Pipe Insulation and Plastic Fittings applied to Domestic Water Piping and Heating System Piping throughout the Basement		
N-1	-	Ceramic Floor and Wall Tile in the First Floor Library Restroom		
O-1	-	Replacement Windows Throughout		
P-1	-	Rubber Exterior Playground Mats		

HM ID = homogeneous material identification
 FRI = EPA Regulated Friable ACM

NF1 = EPA Category I Non-friable ACM
 NF2 = EPA Category II Non-friable ACM

Detailed Listing of Asbestos Containing Materials

Location(s)	Material	Approximate Amounts of ACM	Philadelphia Asbestos Control Regulation Classification	Condition
Basement Mechanical Room	White Packing surrounding the Boiler Breeching/Chimney connection point	5 square feet	Friable	undamaged
Throughout Basement	12" x 12" White Floor Tile and associated Mastic	2,748 square feet (120 sf below non-asbestos Vinyl Composite Tile)	Non-Friable Category I	undamaged
Throughout First Floor	12" x 12" White Floor Tile and associated Mastic	4,896 square feet (3,740 sf below Carpeting and 856 sf below non-asbestos Vinyl Composite Tile)	Non-Friable Category I	undamaged
Throughout	Wood and Metal Fire Doors throughout the Building (assumed asbestos-containing interior cores)	Approximately 20 doors	Non-Friable Category II	undamaged
Throughout – Concealed within Electric Boxes Behind Panel Breakers	Wire Insulation	Quantity Undetermined	Non-Friable Category II	not inspected
Concealed within Wall Cavities (feeding radiators from Attic)	Magnesia (MAG) Pipe/Pipe Fitting Insulation	Quantity Undetermined	Friable	unknown
Attic	Magnesia (MAG) Pipe/Pipe Fitting Insulation	250 linear feet	Friable	damaged
Rooftops	Roof field and flashing (assumed asbestos-containing)	6,500 square feet	Non-Friable Category I	not inspected

II. Lead Based Paint Inspection

Introduction

As requested by your office, *Synertech Incorporated* representative John P. Fiorelli, Pennsylvania licensed lead inspector/risk assessor # 004799, performed lead paint testing via XRF throughout the McPherson Library building and playground area. The survey and testing were performed to locate any Lead Based Paint (LBP) or Lead Containing Coatings (LCC) that may be present throughout buildings prior to planned renovations and/or demolition. This report is a summary of the findings and testing data.

Synertech Incorporated conducts all investigational LBP work according to all pertinent regulations, including HUD, OSHA, the Nuclear Regulatory Commission, Commonwealth of Pennsylvania's DER - Bureau of Radiation Protection and the Resource Conservation and Recovery Act (RCRA). The HUD guidelines provide the most comprehensive national compilation of technical protocols, practices and procedures for Lead Based Paint testing, abatement, worker protection, cleanup, and disposal. However, for the purposes of this survey, representative XRF testing of all building components was performed.

Diagnostic testing was performed using a portable X-Ray Fluorescence (XRF) Spectrum Analyzer (The Niton XLp 300 Spectrum Analyzer as manufactured by the Thermo Scientific Corporation). An XRF detector is a portable instrument that a lead inspector can carry to the job site. The instrument contains a sealed "source" that emits radioactive energy in the form of gamma rays. When the source is activated and exposed to a surface for testing, the material within its field of view will be "excited". Each element, when exposed to gamma rays above its "absorption edge", will fluoresce. Once fluoresced, the element will emit x-ray energies. If lead is present within the tested material, it will emit a characteristic frequency of radiation; the XRF reads the intensity of this radiation, which is related to the amount of lead in the paint. The unit was calibrated prior to testing to ensure that the unit is operating within acceptable ranges.

- ✘ LBP is defined by the City of Philadelphia Department of Health to contain equal to or greater than 0.70 mg/cm² via XRF.
- ✘ LBP is defined by the Federal Department of Housing & Urban Development (HUD) and Environmental Protection Agency (EPA) to contain equal to or greater than 1.00 mg/cm² lead via XRF.
- ✘ The OSHA definition correlates to a PRESENT or ABSENT lead content in paints and coatings. OSHA considers results greater than 0.00 mg/cm² lead via XRF a Lead Containing Coating (LCC) and >0.01% by weight via paint chip analysis.

Summary of Results for XRF Testing

The tables below list the components confirmed to be lead containing via XRF testing:

Please Note: Regarding entries in the "Wall" column, Direction "A" corresponds to the main front entry wall of the building for common areas and "A" corresponds to the entry door wall for interior room within the building. . Direction "B" corresponds to the next adjacent wall in a clockwise direction and so forth for directions "C" and "D".

LBP and LCC Components					
Location	Wall	Component	>OSHA Threshold	>HUD/EPA Threshold	>CoP DoH Threshold
Basement					
Large Community Room	All	Plaster Walls	X	X	X
	All	Concrete Baseboards	X	X	X
	N/A	Plaster Columns	X	X	X
Basement					
Community Rm. Storage Rm.	All	Walls & Ceiling	X		
	A	Door Frame	X	X	X
	N/A	Pipes	X		
HVAC Room	A	Brick Wall	X	X	X
Large Boiler Rm.	B	Brick Wall	X	X	X
Common Hall o/s Boiler Rm.	All	Plaster Walls	X	X	X
	D	Baseboard	X	X	X
Bathroom	A	Door casing & Door	X		
Lunch Room Storage Rm.	All	Baseboards	X	X	X
	A	Door Frame & Door	X		
	All	Walls	X		
	N/A	Columns	X		
	N/A	Plaster Ceiling	X		
	D	Door	X		
Staff Room	All	Plaster Walls & Ceilings	X	X	X
Staff Rm. Kitchen	A	Door Frame & Door	X		
	All	Plaster Walls & Ceiling	X	X	X
Staff Rm. Closet	A,D	Baseboards	X	X	X
Ladies Rm. & Locker Rm.	All	Walls	X		
	All	Plaster Walls & Ceiling	X	X	X
	D	Baseboards	X	X	X
Hallway o/s Lunch Rm. & Locker Rm.	A	Door Frame, Door Casing & Door	X	X	X
	All	Plaster Walls & Ceiling	X	X	X
	All	Baseboards	X	X	X
Stairwell	All	Plaster Walls	X	X	X
	C	Window Components	X	X	X
	C	Exit Door Frame & Casing	X	X	X
Staff Office/Storage	All	Plaster Walls & Ceiling	X		
	A	Door	X		
Library					
Throughout Exterior	All	Plaster Walls & Ceiling	X	X	X
	All	Plaster Columns	X	X	X
	N/A	Large Arch Moldings	X	X	X
	All	Book Shelf Framing/Dividers	X	X	X
	All	Window Sills	X	X	X
	A	Door Components	X	X	X

Applicable Standards/ Regulations

Summary of EPA's Lead; Renovation, Repair, and Painting (RRP) Program

The following is a brief and highly condensed summary of the EPA's RRP. The following is not intended to be utilized in place of the RRP, but is rather a brief presentation of the major components of the regulation as they apply to this specific project.

- a. Application – The EPA’s RRP applies to all renovations, repairs, and painting of lead painted surfaces performed for compensation in *Target Housing* and “child-occupied facilities”.
- b. Definitions:
 1. **Child-occupied facility** – a building, or portion of a building, constructed prior to 1978, visited regularly by the same child, under six (6) years of age, on at least two (2) different days within any week, provided that each day’s visit lasts at least three (3) hours, and the combined weekly visits last at least six (6) hours, and the combined annual visits last at least sixty (60) hours.
 2. **Renovation** – the modification of any existing structure, or portion thereof, that results in the disturbance of more than six (6) SF of interior lead painted surfaces per room, or more than twenty (20) SF of exterior lead painted surfaces.
- c. If a building or property is considered a child occupied while any renovations are being performed, the owners of the building, and the occupants and/or their parents/guardians must receive information from the renovator on lead based paint hazards before renovations begin. This information must exclusively be the EPA pamphlet entitled, “*Renovate Right: Important Lead Hazard Information for Families, Child Care Providers and Schools*”. Written acknowledgement of receipt of the pamphlet must also be provided back to the renovator.
- d. If the building or property is child occupied while any future renovations are being performed, the renovator is required to post informational signs describing the general nature, locations and completion date of the project, and prepare, date and sign a statement describing the steps performed to notify parents and guardians and to provide the pamphlet.
- e. Individuals performing these renovations must be trained at EPA accredited Training Providers, firms must be certified by the EPA as Lead Renovators, and work practices must be employed in accordance with the RRP.
- f. Required renovator work practices:
 1. Post warning signs and clearly define the work areas to limit access by occupants.
 2. Isolate/contain work area so that no dust leaves the work area.
 3. Remove objects from the work area or leave, cover and seal such objects.
 4. Close and cover all duct openings in the work area.
 5. Close all windows and doors in the work area.
 6. Cover the floor of the work area with taped down impermeable sheeting.
 7. Open flame burning or torching of paint, using a heat gun above 1,100 °F, and the use of machines that sand grind, plane or blast paint are prohibited.
 8. Generated waste must be contained and disposed to prevent release of dust.
 9. Clean work area until no dust or debris remains, starting from highest elevation to lowest elevation, using damp wiping using trisodium phosphate soap (TSP) and HEPA vacuuming techniques.
 10. Wet mop floors, keeping wash water separate from the rinse water.
 11. Perform visual inspection for remnant dust or debris. When acceptable, perform post renovation clearance verification testing or surface lead dust wipe sampling.

Summary of OSHA Lead Exposure in Construction Standard

The current OSHA standard 29 CFR 1926.62 for lead exposure in construction has a permissible exposure limit (PEL) of 50 micrograms per cubic meter of air (50 µg/m³), measured as an 8-hour time-weighted average (TWA).

Certain lead-related construction tasks commonly produce exposures above the PEL and often orders of magnitude above the PEL. The OSHA lead standard for construction is unique in that it groups tasks that are presumed to be associated with employee exposures above the PEL into three lead-exposure ranges. The exposure ranges assigned to the different categories of tasks are based on data collected by OSHA and other sources including two advisory groups.

OSHA mandates a worker lead exposure action level (AL) of airborne lead to be 30 ug/cubic meter of air and a permissible exposure limit (PEL) of ≤ 50 ug/cubic meter of air. (ug = micrograms).

Respiratory Protection for Lead Exposures

Airborne Concentration of Lead	Minimum Required Respiratory Protection
Below the PEL up to 49 $\mu\text{g}/\text{m}^3$	No Personal Protective Equipment or Respiratory Protection Required
1 to 10 x PEL/ up to 500 $\mu\text{g}/\text{m}^3$	Any Air Purifying Respirator (HEPA)
10 to 25 x PEL/ 500 to 1,250 $\mu\text{g}/\text{m}^3$	Any Powered Air Purifying Respirator (HEPA)
25 to 50 x PEL/ 1,250 to 2,500 $\mu\text{g}/\text{m}^3$	Full face piece Air Purifying Respirator (HEPA) or Tight fitting Powered Air Purifying Respirator (HEPA)
50 to 100 x PEL/ 2,500 to 50,000 $\mu\text{g}/\text{m}^3$	Half masked Supplied Air Respirator
100 to 200 x PEL/ 50,000 to 100,000 $\mu\text{g}/\text{m}^3$	Full face piece Supplied Air Respirator
> 200 x PEL/ $\geq 100,000$ $\mu\text{g}/\text{m}^3$	Full face piece SCBA

Lead-Related Construction Tasks and Their Presumed 8-hour TWA Exposure Levels

> 50 to 500 $\mu\text{g}/\text{m}^3$	> 500 $\mu\text{g}/\text{m}^3$ to 2,500 $\mu\text{g}/\text{m}^3$	> 2,500 $\mu\text{g}/\text{m}^3$
Manual demolition	Using lead-containing mortar	Welding
Dry manual scraping	Lead burning	
Dry manual sanding	Rivet busting	Torch cutting
Heat gun use	Power tool cleaning without dust collection systems	
Power tool cleaning with dust collection systems	Cleanup of dry expendable abrasive blasting jobs	Torch burning
Spray painting with lead paint	Abrasive blasting enclosure movement and removal	

Construction Waste Characterization Testing

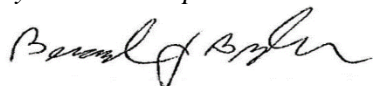
For those components testing positive for LBP that will be disposed of with construction waste, with the exception of the metal materials that will be recycled, a Toxicity Characteristic Leaching Procedure (TCLP) sample must be collected and submitted by the waste generating contractor. TCLP is a sample extraction analytical method used to simulate a waste stream leaching through a landfill. The method is used to determine if the waste is characterized as hazardous.

The level, at or above which demolition waste would have to be treated as hazardous lead waste, is 5.0 parts per million of lead, or 5.0 mg/L of lead.

Synertech Incorporated is pleased to provide Duffield Associates with this report. If you have any questions regarding the information or data provided in this correspondence, feel free to contact our office at 215-755-2305.

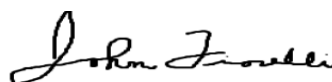
Sincerely,

Synertech Incorporated



Bernard J Bryson
Project Manager
Phila. Asb. Investigator # AIC-0437

Synertech Incorporated



John P. Fiorelli
Lead Project Manager
PA LI/RA #004799

Attachment 1

**Asbestos Bulk Sample
Laboratory Certificates of Analyses
And
Chain of Custody Transmittal
for
Polarized Light Microscopy**


CERTIFICATE OF ANALYSIS


Client: Synertech Inc. 228 Moore Street Philadelphia PA 19148	Report Date: 7/26/2019 Report No.: 595559 - PLM Project: Mepherson Library-601 E. Indiana Ave. Project No.: 632-190
Client: SYN177	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6839777 Client No.: 01 <u>Percent Asbestos:</u> <i>PC 1.7 Chrysotile</i>	Analyst Observation: Tan Floor Tile Client Description: 12 x 12 White Floor Tile Mastic <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Basement Community Room Facility: <u>Percent Non-Fibrous Material:</u> 98.3
Lab No.: 6839778 Client No.: 02 <u>Percent Asbestos:</u> <i>PC 2.0 Chrysotile</i>	Analyst Observation: Black Mastic Client Description: 12 x 12 White Floor Tile Mastic <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Basement Community Room Facility: <u>Percent Non-Fibrous Material:</u> 98
Lab No.: 6839779 Client No.: 03 <u>Percent Asbestos:</u> <i>PC 1.6 Chrysotile</i>	Analyst Observation: Tan Floor Tile Client Description: 12 x 12 White Floor Tile Mastic <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Basement Kitchen Facility: <u>Percent Non-Fibrous Material:</u> 98.4
Lab No.: 6839780 Client No.: 04 <u>Percent Asbestos:</u> <i>PC 1.9 Chrysotile</i>	Analyst Observation: Black Mastic Client Description: 12 x 12 White Floor Tile Mastic <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Basement Kitchen Facility: <u>Percent Non-Fibrous Material:</u> 98.1
Lab No.: 6839781 Client No.: 05 <u>Percent Asbestos:</u> <i>PC 1.6 Chrysotile</i>	Analyst Observation: Tan Floor Tile Client Description: 12 x 12 White Floor Tile Mastic <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Basement Lounge Facility: <u>Percent Non-Fibrous Material:</u> 98.4
Lab No.: 6839782 Client No.: 06 <u>Percent Asbestos:</u> <i>PC 1.8 Chrysotile</i>	Analyst Observation: Black Mastic Client Description: 12 x 12 White Floor Tile Mastic <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Basement Lounge Facility: <u>Percent Non-Fibrous Material:</u> 98.2

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 7/25/2019
Date Analyzed: 07/26/2019
Signature: 
Analyst: Robert Betsch

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Report Date: 7/26/2019
Report No.: 595559 - PLM
Project: Mcpherson Library-601 E. Indiana Ave.
Project No.: 632-190

Client: SYN177

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6839783	Analyst Observation: Brown Ceiling Tile	Location: Basement Community Room
Client No.: 07	Client Description: 2' x 2' ACT	Facility:
<u>Percent Asbestos:</u>	<u>Percent Non-Asbestos Fibrous Material:</u>	<u>Percent Non-Fibrous Material:</u>
<i>None Detected</i>	50 Cellulose 20 Fibrous Glass	30

Lab No.: 6839784	Analyst Observation: Off-White Plaster	Location: Basement Community Room
Client No.: 08	Client Description: Skim Coat Plaster Wall	Facility:
<u>Percent Asbestos:</u>	<u>Percent Non-Asbestos Fibrous Material:</u>	<u>Percent Non-Fibrous Material:</u>
<i>None Detected</i>	None Detected	100

Lab No.: 6839785	Analyst Observation: White Plaster	Location: Basement Community Room
Client No.: 09	Client Description: Skim Coat Plaster Wall	Facility:
<u>Percent Asbestos:</u>	<u>Percent Non-Asbestos Fibrous Material:</u>	<u>Percent Non-Fibrous Material:</u>
<i>None Detected</i>	None Detected	100

Lab No.: 6839786	Analyst Observation: Tan Fibrous	Location: Basement Community Room
Client No.: 10	Client Description: Homasote Board	Facility:
<u>Percent Asbestos:</u>	<u>Percent Non-Asbestos Fibrous Material:</u>	<u>Percent Non-Fibrous Material:</u>
<i>None Detected</i>	80 Cellulose	20

Lab No.: 6839787	Analyst Observation: White Joint Compound	Location: Basement Community Room
Client No.: 11	Client Description: Joint Compound	Facility:
<u>Percent Asbestos:</u>	<u>Percent Non-Asbestos Fibrous Material:</u>	<u>Percent Non-Fibrous Material:</u>
<i>None Detected</i>	None Detected	100

Lab No.: 6839788	Analyst Observation: White Drywall	Location: Basement Community Room
Client No.: 12	Client Description: Sheetrock Wall/Joint Compound/Composite	Facility:
<u>Percent Asbestos:</u>	<u>Percent Non-Asbestos Fibrous Material:</u>	<u>Percent Non-Fibrous Material:</u>
<i>None Detected</i>	2 Fibrous Glass	98

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 7/25/2019
Date Analyzed: 07/26/2019
Signature:
Analyst: Robert Betsch

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Synertech Inc. 228 Moore Street Philadelphia PA 19148	Report Date: 7/26/2019 Report No.: 595559 - PLM Project: Mcpherson Library-601 E. Indiana Ave. Project No.: 632-190
Client: SYN177	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6839788(L2) Client No.: 12	Analyst Observation: White Joint Compound Client Description: Sheetrock Wall/Joint Compound/Composite	Location: Basement Community Room Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6839789 Client No.: 13	Analyst Observation: Off-White Plaster Client Description: Plaster Ceiling Skim Coat	Location: Basement Gas - Main Room Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6839790 Client No.: 14	Analyst Observation: White Plaster Client Description: Plaster Ceiling Skim Coat	Location: Basement Gas - Main Room Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6839791 Client No.: 15	Analyst Observation: Off-White Plaster Client Description: Plaster Ceiling Skim Coat	Location: Basement Community Room Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6839792 Client No.: 16	Analyst Observation: White Plaster Client Description: Plaster Ceiling Skim Coat	Location: Basement Community Room Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6839793 Client No.: 17	Analyst Observation: Off-White Plaster Client Description: Plaster Ceiling Skim Coat	Location: Basement Lounge Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

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Analyst: Robert Betsch

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Synertech Inc. 228 Moore Street Philadelphia PA 19148	Report Date: 7/26/2019 Report No.: 595559 - PLM Project: Mcpherson Library-601 E. Indiana Ave. Project No.: 632-190
Client: SYN177	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6839794 Client No.: 18 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: White Plaster Client Description: Plaster Ceiling Skim Coat <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Basement Lounge Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6839795 Client No.: 19 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Grey Cementitious Client Description: Cement Cove Base <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Basement Gas Main Room Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6839796 Client No.: 20 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Grey Cementitious Client Description: Cement Cove Base <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Basement Lounge Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6839797 Client No.: 21 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Brown Ceiling Tile Client Description: 2' x 2' ACT <u>Percent Non-Asbestos Fibrous Material:</u> 50 Cellulose 20 Fibrous Glass	Location: Basement Hall at Stairwell Facility: <u>Percent Non-Fibrous Material:</u> 30
Lab No.: 6839798 Client No.: 22 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Off-White Plaster Client Description: Plaster Column Skim Coat <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Basement Lounge Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6839799 Client No.: 23 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: White Plaster Client Description: Plaster Column Skim Coat <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Basement Lounge Facility: <u>Percent Non-Fibrous Material:</u> 100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 7/25/2019
Date Analyzed: 07/26/2019
Signature:
Analyst: Robert Betsch

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Report Date: 7/26/2019
Report No.: 595559 - PLM
Project: Mcpherson Library-601 E. Indiana Ave.
Project No.: 632-190

Client: SYN177

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6839800
Client No.: 24

Analyst Observation: Beige Floor Tile
Client Description: 12 x 12 White Floor Tile Mastic (Top Layer)

Location: Basement Hall in Staff Area
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6839801
Client No.: 25

Analyst Observation: Black Mastic
Client Description: 12 x 12 White Floor Tile Mastic (Top Layer)

Location: Basement Hall in Staff Area
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 7/25/2019

Date Analyzed: 07/26/2019

Signature: 

Analyst: Robert Betsch

Approved By:



Frank E. Ehrenfeld, III

Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Synertech Inc. 228 Moore Street Philadelphia PA 19148	Report Date: 7/26/2019 Report No.: 595559 - PLM Project: Mcpherson Library-601 E. Indiana Ave. Project No.: 632-190
Client: SYN177	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6839802 Client No.: 26	Analyst Observation: Grey Insulation Client Description: Pipe Fitting Insulation	Location: HWS - Boiler Room Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 5 Cellulose 5 Fibrous Glass	<u>Percent Non-Fibrous Material:</u> 90

Lab No.: 6839803 Client No.: 27	Analyst Observation: Grey Insulation Client Description: Pipe Fitting Insulation	Location: HWR - Boiler Room Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 5 Cellulose 5 Fibrous Glass	<u>Percent Non-Fibrous Material:</u> 90


Lab No.: 6839803(L2) Client No.: 27	Analyst Observation: Grey Wrap Client Description: Pipe Fitting Insulation	Location: HWR - Boiler Room Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 100 Cellulose	<u>Percent Non-Fibrous Material:</u> None Detected

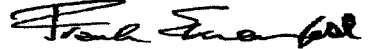
Lab No.: 6839804 Client No.: 28	Analyst Observation: Grey Insulation Client Description: Pipe Fitting Insulation	Location: Beside AHUZ - Boiler Room Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 5 Cellulose 5 Fibrous Glass	<u>Percent Non-Fibrous Material:</u> 90

Lab No.: 6839804(L2) Client No.: 28	Analyst Observation: Grey Wrap Client Description: Pipe Fitting Insulation	Location: Beside AHUZ - Boiler Room Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 100 Cellulose	<u>Percent Non-Fibrous Material:</u> None Detected

Lab No.: 6839805 Client No.: 29	Analyst Observation: Grey Insulation Client Description: Pipe Fitting Insulation	Location: Beside Boiler - Boiler Room Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 5 Cellulose 5 Fibrous Glass	<u>Percent Non-Fibrous Material:</u> 90

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Date Received: 7/25/2019
Date Analyzed: 07/26/2019
Signature: 
Analyst: Tyler Matthews

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director


CERTIFICATE OF ANALYSIS


Client: Synertech Inc. 228 Moore Street Philadelphia PA 19148	Report Date: 7/26/2019 Report No.: 595559 - PLM Project: Mepherson Library-601 E. Indiana Ave. Project No.: 632-190
Client: SYN177	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6839805(L2) Client No.: 29 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Grey Wrap Client Description: Pipe Fitting Insulation <u>Percent Non-Asbestos Fibrous Material:</u> 100 Cellulose	Location: Beside Boiler - Boiler Room Facility: <u>Percent Non-Fibrous Material:</u> None Detected
Lab No.: 6839806 Client No.: 30 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Grey Sink Undercoating Client Description: Sink Undercoat Mastic <u>Percent Non-Asbestos Fibrous Material:</u> 5 Cellulose	Location: Basement Kitchen Facility: <u>Percent Non-Fibrous Material:</u> 95
Lab No.: 6839807 Client No.: 31 <u>Percent Asbestos:</u> <i>25 Chrysotile</i>	Analyst Observation: Grey Insulation Client Description: White Flue Packing <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Boiler Room Facility: <u>Percent Non-Fibrous Material:</u> 75
Lab No.: 6839808 Client No.: 32 <u>Percent Asbestos:</u> <i>PC Trace Chrysotile</i>	Analyst Observation: Grey Insulation Client Description: Grey Flue Packing <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Boiler Room Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6839809 Client No.: 33 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Grey Cementitious Client Description: Cement Ceiling <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Boiler Room Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6839810 Client No.: 34 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Grey Cementitious Client Description: Cement Ceiling <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Boiler Room Facility: <u>Percent Non-Fibrous Material:</u> 100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 7/25/2019
Date Analyzed: 07/26/2019
Signature: 
Analyst: Tyler Matthews

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Synertech Inc. 228 Moore Street Philadelphia PA 19148	Report Date: 7/26/2019 Report No.: 595559 - PLM Project: Mepherson Library-601 E. Indiana Ave. Project No.: 632-190
Client: SYN177	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6839811 Client No.: 35 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: White Joint Compound Client Description: Joint Compound <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Basement Hall at Stairwell Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6839812 Client No.: 36 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: White Texture Client Description: White Wash on Masonry Walls <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Boiler Room Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6839813 Client No.: 37 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: White Plaster Client Description: Plaster Ceiling Debris <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: 1st Floor Front Office Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6839814 Client No.: 38 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: White Plaster Client Description: Plaster Ceiling Debris <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: 1st Floor Front Office Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6839815 Client No.: 39 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Tan Floor Tile Client Description: 12 x 12 Pink Floor Tile Mastic <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: 1st Floor Main Entrance Lobby Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6839816 Client No.: 40 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Black Mastic Client Description: 12 x 12 Pink Floor Tile Mastic <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: 1st Floor Main Entrance Lobby Facility: <u>Percent Non-Fibrous Material:</u> 100

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Date Received: 7/25/2019
Date Analyzed: 07/26/2019
Signature:
Analyst: Tyler Matthews

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

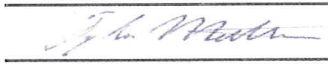
CERTIFICATE OF ANALYSIS


Client: Synertech Inc. 228 Moore Street Philadelphia PA 19148	Report Date: 7/26/2019 Report No.: 595559 - PLM Project: Mcpherson Library-601 E. Indiana Ave. Project No.: 632-190
Client: SYN177	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6839817 Client No.: 50 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Black Cove Base Client Description: Vinyl Cove Base <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: 1st Floor Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6839817(L2) Client No.: 50 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Yellow Mastic Client Description: Vinyl Cove Base <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: 1st Floor Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6839818 Client No.: 51 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Tan Coating Client Description: Exterior Coating on Stucco <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Front of Building Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6839819 Client No.: 52 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Tan Coating Client Description: Exterior Coating on Stucco <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Rear of Building Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6839820 Client No.: 53 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: White Insulation Client Description: Blown-in Insulation <u>Percent Non-Asbestos Fibrous Material:</u> 100 Fibrous Glass	Location: Attic Facility: <u>Percent Non-Fibrous Material:</u> None Detected
Lab No.: 6839821 Client No.: 40 <u>Percent Asbestos:</u> <i>PC 1.3 Chrysotile</i>	Analyst Observation: Tan Floor Tile Client Description: <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Facility: <u>Percent Non-Fibrous Material:</u> 98.7

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Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Synertech Inc. 228 Moore Street Philadelphia PA 19148	Report Date: 7/26/2019 Report No.: 595559 - PLM Project: Mcpherson Library-601 E. Indiana Ave. Project No.: 632-190
Client: SYN177	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6839822 Client No.: 41 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Yellow Mastic Client Description: <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6839823 Client No.: 42 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: White Plaster Client Description: <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6839824 Client No.: 43 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Grey Plaster Client Description: <u>Percent Non-Asbestos Fibrous Material:</u> 2 Hair	Location: Facility: <u>Percent Non-Fibrous Material:</u> 98
Lab No.: 6839825 Client No.: 44 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: White Plaster Client Description: <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6839826 Client No.: 45 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Grey Plaster Client Description: <u>Percent Non-Asbestos Fibrous Material:</u> 2 Hair	Location: Facility: <u>Percent Non-Fibrous Material:</u> 98
Lab No.: 6839827 Client No.: 46 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: White Plaster Client Description: <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Facility: <u>Percent Non-Fibrous Material:</u> 100

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Date Received: 7/25/2019
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Analyst: Tyler Matthews

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Report Date: 7/26/2019
Report No.: 595559 - PLM
Project: Mcpherson Library-601 E. Indiana Ave.
Project No.: 632-190

Client: SYN177

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6839828	Analyst Observation: Grey Plaster	Location:
Client No.: 47	Client Description:	Facility:
<u>Percent Asbestos:</u>	<u>Percent Non-Asbestos Fibrous Material:</u>	<u>Percent Non-Fibrous Material:</u>
<i>None Detected</i>	2 Hair	98

Lab No.: 6839829	Analyst Observation: Grey Cementitious	Location:
Client No.: 48	Client Description:	Facility:
<u>Percent Asbestos:</u>	<u>Percent Non-Asbestos Fibrous Material:</u>	<u>Percent Non-Fibrous Material:</u>
<i>None Detected</i>	None Detected	100

Lab No.: 6839830	Analyst Observation: Tan Stair Tread	Location:
Client No.: 49	Client Description:	Facility:
<u>Percent Asbestos:</u>	<u>Percent Non-Asbestos Fibrous Material:</u>	<u>Percent Non-Fibrous Material:</u>
<i>None Detected</i>	None Detected	100

Lab No.: 6839830(L2)	Analyst Observation: Yellow Mastic	Location:
Client No.: 49	Client Description:	Facility:
<u>Percent Asbestos:</u>	<u>Percent Non-Asbestos Fibrous Material:</u>	<u>Percent Non-Fibrous Material:</u>
<i>None Detected</i>	None Detected	100

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Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Report Date: 7/26/2019
Report No.: 595559 - PLM
Project: Mcpherson Library-601 E. Indiana Ave.
Project No.: 632-190

Client: SYN177

Appendix to Analytical Report

Customer Contact: John Fiorelli

Method: 40 CFR Appendix E to Subpart E of Part 763, interim method for the Determination of Asbestos in Bulk Insulation Samples, and USEPA 600, R93-116 as needed.

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com

iATL Office Manager: wchampion@iatl.com

iATL Account Representative: Shirley Clark

Sample Login Notes: See Batch Sheet Attached

Sample Matrix: Bulk Building Materials

Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by US EPA 600 93-116: Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).

Certifications:

- NIST-NVLAP No. 101165-0
- NYSDOH-ELAP No. 11021
- AIHA-LAP, LLC No. 100188

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. PC Trace represents a <0.25% amount. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analytical Methodology Alternatives: Your initial request for analysis may not have accounted for recent advances in regulatory requirements or advances in technology that are routinely used in similar situations for other qualified projects. You may have the option to explore additional analysis for further information. Below are a few options, listed as the matrix followed by the appropriate methodology. Also included are links to more information on our website.

Bulk Building Materials that are Non-Friable Organically Bound (NOB) by Gravimetric Reduction techniques employing PLM and TEM: ELAP 198.6 (PLM-NOB), ELAP 198.4 (TEM-NOB)

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Client: SYN177

Loose Fill Vermiculite Insulation, Attic Insulation, Zonolite (copyright), etc.: US EPA 600 R-4/004 (multi-tiered analytical process)
Sprayed On Insulation/Fireproofing with Vermiculite (SOF-V): ELAP 198.8 (PLM-SOF-V)

Soil, sludge, sediment, aggregate, and like materials analyzed for asbestos or other elongated mineral particles (ex. erionite, etc.): ASTM D7521, CARB 435, and other options available

Asbestos in Surface Dust according to one of ASTM's Methods (very dependent on sampling collection technique – by TEM): ASTM D 5755, D5756, or D6480

Various other asbestos matrices (air, water, etc.) and analytical methods are available.

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a list with highlighted disclaimers that may be pertinent to this project. For a full explanation of these and other disclaimers, please inquire at customerservice@iatl.com.

- 1) Note: No mastic provided for analysis.
- 2) Note: Insufficient mastic provided for analysis.
- 3) Note: Insufficient material provided for analysis.
- 4) Note: Insufficient sample provided for QC reanalysis.
- 5) Note: Different material than indicated on Sample Log / Description.
- 6) Note: Sample not submitted.
- 7) Note: Attached to asbestos containing material.
- 8) Note: Received wet.
- 9) Note: Possible surface contamination.
- 10) Note: Not building material. 1% threshold may not apply.
- 11) Note: Recommend TEM-NOB analysis as per EPA recommendations.
- 12) Note: Asbestos detected but not quantifiable.
- 13) Note: Multiple identical samples submitted, only one analyzed.
- 14) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.080%.
- 15) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.125%.
- 16) Note: This sample contains >10% vermiculite mineral. See Appendix for Recommendations for Vermiculite Analysis.

Recommendations for Vermiculite Analysis:

Several analytical protocols exist for the analysis of asbestos in vermiculite. These analytical approaches vary depending upon the nature of the vermiculite mineral being tested (e.g. un-processed gange, homogeneous exfoliated books of mica, or mixed mineral composites). Please contact your client representative for pricing and turnaround time options available.

iATL recommends initial testing using the EPA 600/R-93/116 method. This method is specifically designed for the analysis of asbestos in bulk building materials. It provides an acceptable starting point for primary screening of vermiculite for possible asbestos.

Results from this testing may be inconclusive. EPA suggests proceeding to a multi-tiered analysis involving wet separation techniques in conjunction with PLM and TEM gravimetric analysis (EPA 600/R-04/004).

For New York State customers, NYSDOH requires disclaimers and qualifiers for various vermiculite containing samples that direct analysis via ELAP198.6 and ELAP198.8 for samples that contain >10% vermiculite mineral where ELAP198.6 may be used to evaluate the asbestos content of the material. However, any test result using ELAP198.6 will be reported with the following disclaimer: "ELAP198.6 method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing >10% vermiculite."

Further information on this method and other vermiculite and asbestos issues can be found at the following: Agency for Toxic Substances and Disease Registry (ATSDR) www.atsdr.cdc.gov, United States Geological Survey (USGS) www.minerals.usgs.gov/minerals/, US EPA www.epa.gov/asbestos. The USEPA also has an informative brochure "Current Best Practices for Vermiculite Attic Insulation" EPA 747F03001 May 2003, that may assist the health and remediation professional.

The following is a summary of the analytical process outlines in the EPA 600/R-04/004 Method:

1) Analytical Step/Method: Initial Screening by PLM, EPA 600R-93/116
Requirements/Comments: Minimum of 0.1 g of sample. ~0.25% LOQ for most samples.

2) Analytical Step/Method: Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.



9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Report Date: 7/26/2019
Report No.: 595559 - PLM
Project: Mcpherson Library-601 E. Indiana Ave.
Project No.: 632-190

Client: SYN177

3)Analytical Step/Method: Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Floats" only.

4)Analytical Step/Method: Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

5)Analytical Step/Method: Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Suspension" only.

LOQ, Limit of Quantitation estimates for mass and volume analyses.

*With advance notice and confirmation by the laboratory.

**Approximately 1 Liter of sample in double-bagged container (~9x6 inch bag of sample).

Chain of Custody Transmittal
Asbestos Bulk Samples

Project Name: McPHERSON LIBRARY Project No. 632-190 JUL 25 2019

Laboratory: IATL 601 E. INDIANA AVENUE 66

Analysis: X PLM Other _____ Test Until Positive Per Homogeneous Material

Turnaround Time: 24 hours 48 hours 72 hours Other _____

Samples Collected By: B. BRUNSON Date/Time 7-24-19

Transmitted to Lab By: A. McMAHON Date/Time 7-25-19

Received in Lab By: _____ Date/Time _____

Samples Analyzed By: RA:Kjmyh Date/Time 7/26/19

Synertech's Sample #	Homogeneous Material ID	Laboratory Sample #	C/D	Material / Location
01 / 02		6839777 6839778		12X12 WHITE floor tile MASTIC - BsMT Community Rm.
03 / 04		6839779 6839780		12X12 WHITE floor tile MASTIC - BsMT KITCHEN
05 / 06		6839781 6839782		12X12 WHITE floor tile MASTIC - BsMT LOUNGE
07		6839783		2'X2' ACT - BsMT. COMM. Rm.
08 / 09		6839784 6839785		PLASTER WALL - BsMT. COMM. Rm. SKIM COAT
10		6839786		HOMASOTE BOARD - BsMT. COMM Rm.
11		6839787		JOINT COMPOUND - BsMT. COMM Rm.
12		6839788	C	SHEETROCK WALL / JOINT COMPOUND COMPOSITE - BsMT. COMM. Rm.

Note:

C = Composite- Samples indicated as composite should be analyzed/reported as a single material.
D = Discrete Stratum- Samples indicated as discrete stratum should be analyzed/reported by layer.

**Chain of Custody Transmittal
Asbestos Bulk Samples**

Project Name: McPHERSON LIBRARY Project No. 632-190

Laboratory: IATL 601 E. INDIANA AVENUE

Analysis: PLM Other _____ Test Until Positive Per Homogeneous Material

Turnaround Time: 24 hours 48 hours 72 hours Other _____

Samples Collected By: B. BRUNSON Date/Time 7-24-19

Transmitted to Lab By: A. McMAHON Date/Time 7-25-19

Received in Lab By: _____ Date/Time _____

Samples Analyzed By: _____ Date/Time _____

Synertech's Sample #	Homogeneous Material ID	Laboratory Sample #	CID	Material / Location
13 / 14		6839789		PLASTER CEILING - BSMT GAS
		6839790		SKIM COAT MAIN RM.
15 / 16		6839791		PLASTER CEILING - BSMT.
		6839792		SKIM COAT COMM. RM.
17 / 18		6839793		PLASTER CEILING - BSMT
		6839794		SKIM COAT LOUNGE
19		6839795		CEMENT COVE BASE
				BSMT GAS MAIN RM.
20		6839796		CEMENT COVE BASE
				BASEMENT LOUNGE
21		6839797		2'x2' ACT
				BSMT HALL & STAIRWELL
22 / 23		6839798		PLASTER COLUMN - BSMT.
		6839799		SKIM COAT LOUNGE
24 / 25		6839800		12x12 WHITE FLOOR TILE (TOP LAYER)
		6839801		MASTIC - BSMT HALL IN STAFF AREA

Note:

C = Composite- Samples indicated as composite should be analyzed/reported as a single material.

D = Discrete Stratum- Samples indicated as discrete stratum should be analyzed/reported by layer.

Chain of Custody Transmittal
Asbestos Bulk Samples

Project Name: McPHERSON LIBRARY Project No. 632-190

Laboratory: IATL 601 E. INDIANA AVENUE

Analysis: PLM Other _____ Test Until Positive Per Homogeneous Material

Turnaround Time: 24 hours 48 hours 72 hours Other _____

Samples Collected By: B. BIRNSON Date/Time 7-24-19

Transmitted to Lab By: A. McMAHON Date/Time 7-25-19

Received in Lab By: _____ Date/Time _____

Samples Analyzed By: QA. Kinyon Date/Time 7/26/19

Synertech's Sample #	Homogeneous Material ID	Laboratory Sample #	C/D	Material / Location
26		6839802		PIPE FITTING INSULATION HWS - BOILER Rm.
27		6839803		HWR - BOILER Rm.
28		6839804		Beside AHU2 - BOILER Rm.
29		6839805		Beside BOILER - BOILER Rm.
30		6839806		SINK UNDERCOAT MASTIC BASEMENT KITCHEN
31		6839807		WHITE FIVE PACKING BOILER ROOM
32		6839808		GREY FIVE PACKING BOILER ROOM
33		6839809		CEMENT + CEILING BOILER ROOM

Note:

C = Composite- Samples indicated as composite should be analyzed/reported as a single material.
D = Discrete Stratum- Samples indicated as discrete stratum should be analyzed/reported by layer.

Chain of Custody Transmittal
Asbestos Bulk Samples

Project Name: McPHERSON LIBRARY Project No. 637-190

Laboratory: IATL 601 E. INDIANA AVENUE

Analysis: PLM Other _____ Test Until Positive Per Homogeneous Material

Turnaround Time: 24 hours 48 hours 72 hours Other _____

Samples Collected By: B. BIRYSON Date/Time 7-24-19

Transmitted to Lab By: A. McMAHON Date/Time 7-25-19

Received in Lab By: _____ Date/Time _____

Samples Analyzed By: _____ Date/Time _____

Synertech's Sample #	Homogeneous Material ID	Laboratory Sample #	C/D	Material / Location
34		6839810		CEMENT CEILING Boiler Room
35		6839811		JOINT COMPOUND BASEMENT HALL @ STAIRWELL
36		6839812		WHITE-WASH ON MASONRY WALLS - BOILER ROOM
37		6839813		PLASTER CEILING DEBRIS 1st floor front office
38		6839814		PLASTER CEILING DEBRIS 1st floor front office
39 / 40		6839815		12X12 PINK FLOOR TILE
		6839816		MASTIC ^{1st floor} MAIN ENTRANCE LOBBY
50		6839817		VINYL COVE BASE 1st floor
51		6839818		EXTERIOR COATING ON STUCCO FRONT OF BUILDING

Note:

C = Composite- Samples indicated as composite should be analyzed/reported as a single material.
D = Discrete Stratum- Samples indicated as discrete stratum should be analyzed/reported by layer.

Chain of Custody Transmittal
Asbestos Bulk Samples

Project Name: McPHERSON LIBRARY Project No. 632-190

Laboratory: IATL 601 E. INDIANA AVENUE

Analysis: PLM Other _____ Test Until Positive Per Homogeneous Material

Turnaround Time: 24 hours 48 hours 72 hours Other _____

Samples Collected By: B. BIRSON Date/Time 7-24-19

Transmitted to Lab By: A. McMAHON Date/Time 7-25-19

Received in Lab By: _____ Date/Time _____

Samples Analyzed By: _____ Date/Time _____

Synertech's Sample #	Homogeneous Material ID	Laboratory Sample #	C/D	Material / Location
52		6839819		EXTERIOR COATING ON STUCCO REAR OF BUILDING
53		6839820		ATTIC BLOWN-IN INSULATION

Note:
C = Composite- Samples indicated as composite should be analyzed/reported as a single material.
D = Discrete Stratum- Samples indicated as discrete stratum should be analyzed/reported by layer.

Attachment 2

**Photographs of Existing Conditions
and Observations Made During
the Asbestos Inspection**



Confirmed asbestos containing 12" x 12" White Floor Tile and associated Mastic throughout the Basement (below non-asbestos VCT in certain locations)



Sink Undercoat Mastic in the Basement Private Staff Kitchen verified non-asbestos



Cement Cove Base in the Basement verified non-asbestos



No asbestos identified with Air Handling Units 1 and 2. Black Vinyl Vibration Damper Connectors present



Fiberglass Insulation applied to small Tank above the newer Weil-McLain gas-fired furnace



Confirmed asbestos containing White Packing surrounding the Boiler Breeching/Chimney connection point in the Basement Mechanical Room



Hard Packed Pipe Fitting Insulation associated with hot water supply and hot water return piping throughout the Basement Mechanical Room verified non-asbestos



Confirmed asbestos containing 12" x 12" White Floor Tile and associated Mastic throughout the First Floor (below non-asbestos VCT in certain locations)



Confirmed asbestos containing 12" x 12" White Floor Tile and associated Mastic throughout the First Floor (below carpeting in certain locations)



All Plaster Walls, Ceilings and Columns verified non-asbestos throughout the Building



First Floor Entrance Foyer – No ACM identified behind recessed radiator



Slate Cove Base identified below Bookshelves in the First Floor Library



Rear Entrance Foyer – No ACM identified behind recessed radiator



Friable Asbestos Containing Magnesia (MAG) Pipe/Pipe Fitting Insulation identified throughout the Attic



Blown-in Insulation throughout the Attic verified non-asbestos. Friable Asbestos Containing MAG Pipe/Pipe Fitting Insulation identified throughout the Attic



Damaged MAG Pipe Insulation identified in the front portion of the Attic



Forced air diffusers incorporated into the First Floor Library Bookshelves



Radiator diffusers incorporated into the First Floor Library Bookshelves – Piping feeding the radiators assumed to be asbestos-insulated



Wire Insulation inside Electric Panels throughout the Building (assumed present; assumed asbestos-containing)



Coating applied to Exterior Stucco verified non-asbestos

Attachment 3

Lead Based Paint Testing Data – XRF Results



Lead Based Paint Testing Data - XRF Results

Project Name & Number: McPherson Library; 632-190

Client Name: Duffield Associates

Inspector & Dates: John P. Fiorelli, July 15, 2019

Reading No	Component	Substrate	Side	Condition	Color	Floor	Room	Results	mg/cm2
1	SHUTTER CALIBRATION	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6.37
2	CALIBRATION_FILM	N/A	N/A	N/A	N/A	N/A	N/A	Positive	3.5
3	CALIBRATION_FILM	N/A	N/A	N/A	N/A	N/A	N/A	Positive	1.5
4	CALIBRATION_FILM	N/A	N/A	N/A	N/A	N/A	N/A	Positive	1.1
5	CALIBRATION_FILM	N/A	N/A	N/A	N/A	N/A	N/A	Positive	0.7
6	CALIBRATION_FILM	N/A	N/A	N/A	N/A	N/A	N/A	Negative	0.3
7	CALIBRATION_FILM	N/A	N/A	N/A	N/A	N/A	N/A	Negative	0
8	WALL	PLASTER	A	POOR	PINK	BASEMENT	LARGE COMMUNITY ROOM	Positive	1.3
9	BASEBOARD	CONCRETE	A	POOR	BROWN	BASEMENT	LARGE COMMUNITY ROOM	Positive	5
10	COLUMN	PLASTER	A	POOR	PINK	BASEMENT	LARGE COMMUNITY ROOM	Positive	1.1
11	COLUMN	PLASTER	A	POOR	PINK	BASEMENT	LARGE COMMUNITY ROOM	Positive	1.2
12	COLUMN BASE	PLASTER	N/A	POOR	BEIGE	BASEMENT	LARGE COMMUNITY ROOM	Negative	0.6
13	COLUMN BASE	PLASTER	N/A	POOR	BEIGE	BASEMENT	LARGE COMMUNITY ROOM	Negative	0.4
14	WALL	PARTICLE BOARD	B	POOR	PINK	BASEMENT	LARGE COMMUNITY ROOM	Negative	0
15	WALL	DRYWALL	C	POOR	PINK	BASEMENT	LARGE COMMUNITY ROOM	Negative	0
16	WALL	PLASTER	C	POOR	PINK	BASEMENT	LARGE COMMUNITY ROOM	Positive	1.3
17	BASEBOARD	CONCRETE	C	POOR	BROWN	BASEMENT	LARGE COMMUNITY ROOM	Positive	5.6
18	BASEBOARD	CONCRETE	D	POOR	PINK	BASEMENT	LARGE COMMUNITY ROOM	Positive	2
19	BASEBOARD	CONCRETE	D	POOR	BROWN	BASEMENT	LARGE COMMUNITY ROOM	Positive	2.1
20	STORE RM CLOSET DOOR FRAME	WOOD	C	POOR	BEIGE	BASEMENT	LARGE COMMUNITY ROOM	Negative	0
21	STORAGE CLOSET DOOR CASING	WOOD	C	POOR	BEIGE	BASEMENT	LARGE COMMUNITY ROOM	Negative	0
22	DOOR	WOOD	C	POOR	BEIGE	BASEMENT	LARGE COMMUNITY ROOM	Negative	0
23	CEILING	PLASTER	C	CRACKED	WHITE	BASEMENT	LARGE COMMUNITY ROOM	Negative	0



Lead Based Paint Testing Data - XRF Results

Project Name & Number: McPherson Library; 632-190

Client Name: Duffield Associates

Inspector & Dates: John P. Fiorelli, July 15, 2019

Reading No	Component	Substrate	Side	Condition	Color	Floor	Room	Results	mg/cm2
24	CEILING	PLASTER	C	CRACKED	WHITE	BASEMENT	LARGE COMMUNITY ROOM	Negative	0
25	CEILING	PLASTER	C	CRACKED	WHITE	BASEMENT	LARGE COMMUNITY ROOM	Negative	0
26	WALL	PLASTER	A	POOR	TAN	BASEMENT	COMMUNITY RM STORAGE	Negative	0.5
27	WALL	PLASTER	A	POOR	TAN	BASEMENT	COMMUNITY RM STORAGE	Negative	0.6
28	WALL	PLASTER	B	POOR	TAN	BASEMENT	COMMUNITY RM STORAGE	Negative	0.6
29	WALL	PLASTER	C	POOR	BEIGE	BASEMENT	COMMUNITY RM STORAGE	Negative	0.4
30	WALL	PLASTER	D	POOR	BEIGE	BASEMENT	COMMUNITY RM STORAGE	Negative	0.4
31	WALL	PLASTER	D	POOR	BEIGE	BASEMENT	COMMUNITY RM STORAGE	Negative	0.5
32	CEILING	PLASTER	N/A	POOR	BEIGE	BASEMENT	COMMUNITY RM STORAGE	Negative	0.5
33	CEILING	PLASTER	N/A	POOR	BEIGE	BASEMENT	COMMUNITY RM STORAGE	Negative	0.27
34	PIPE	METAL	N/A	POOR	BEIGE	BASEMENT	COMMUNITY RM STORAGE	Negative	0.07
35	DOOR FRAME	WOOD	A	POOR	PINK	BASEMENT	COMMUNITY RM STORAGE	Positive	1.2
36	DOOR CASING	WOOD	A	POOR	PINK	BASEMENT	COMMUNITY RM STORAGE	Negative	0
37	DOOR	WOOD	A	POOR	BEIGE	BASEMENT	COMMUNITY RM STORAGE	Negative	0
38	WALL	BRICK	A	POOR	WHITE	BASEMENT	HVAC RM	Positive	18
39	WALL	CONCRETE	C	POOR	WHITE	BASEMENT	HVAC RM	Negative	0
40	WALL	BRICK	D	POOR	WHITE	BASEMENT	HVAC RM	Negative	0
41	WALL	BRICK	D	POOR	WHITE	BASEMENT	HVAC RM	Negative	0
42	WALL	BRICK	D	POOR	WHITE	BASEMENT	HVAC RM	Negative	0
43	WALL	BRICK	A	POOR	WHITE	BASEMENT	HVAC RM	Positive	16
44	WALL	CONCRETE	A	POOR	WHITE	BASEMENT	LARGE BOILER ROOM	Negative	0
45	WALL	CONCRETE	A	POOR	WHITE	BASEMENT	LARGE BOILER ROOM	Negative	0
46	WALL	CONCRETE	B	POOR	WHITE	BASEMENT	LARGE BOILER ROOM	Positive	4.9



Lead Based Paint Testing Data - XRF Results

Project Name & Number: McPherson Library; 632-190

Client Name: Duffield Associates

Inspector & Dates: John P. Fiorelli, July 15, 2019

Reading No	Component	Substrate	Side	Condition	Color	Floor	Room	Results	mg/cm2
47	WALL	CONCRETE	B	POOR	GREY	BASEMENT	LARGE BOILER ROOM	Positive	2.7
48	BRICK COLUMN	BRICK	N/A	POOR	WHITE	BASEMENT	LARGE BOILER ROOM	Negative	0
49	BRICK COLUMN	BRICK	N/A	POOR	WHITE	BASEMENT	LARGE BOILER ROOM	Negative	0
50	WALL	BRICK	D	POOR	WHITE	BASEMENT	LARGE BOILER ROOM	Negative	0
51	WALL	BRICK	B	POOR	WHITE	BASEMENT	SMALL ELEC. RM INSIDE BOILER RM.	Negative	0
52	WALL	BRICK	C	POOR	WHITE	BASEMENT	SMALL ELEC. RM INSIDE BOILER RM.	Negative	0
53	WALL	CONCRETE	D	POOR	WHITE	BASEMENT	SMALL ELEC. RM INSIDE BOILER RM.	Negative	0
54	DOOR FFAME	METAL	A	POOR	RED	BASEMENT	SMALL ELEC. RM INSIDE BOILER RM.	Negative	0
55	CEILING	CONCRETE	A	PEELING	WHITE	BASEMENT	BOILER RM.	Negative	0
56	CEILING	CONCRETE	A	PEELING	WHITE	BASEMENT	BOILER RM.	Negative	0
57	WALL	PLASTER	A	PEELING	PINK	BASEMENT	COMMON O/S BOILER RM.	Negative	0
58	WALL	PLASTER	A	PEELING	PINK	BASEMENT	COMMON O/S BOILER RM.	Positive	14.9
59	WALL	PLASTER	B	PEELING	PINK	BASEMENT	COMMON O/S BOILER RM.	Positive	2
60	WALL	PLASTER	B	PEELING	PINK	BASEMENT	COMMON O/S BOILER RM.	Negative	0.3
61	WALL	PLASTER	C	PEELING	PINK	BASEMENT	COMMON O/S BOILER RM.	Negative	0
62	WALL	PLASTER	C	PEELING	PINK	BASEMENT	COMMON O/S BOILER RM.	Positive	2.3
63	WALL	PLASTER	D	POOR	PINK	BASEMENT	COMMON O/S BOILER RM.	Positive	3.5
64	BASEBOARD	CONCRETE	A	POOR	BLACK	BASEMENT	COMMON O/S BOILER RM.	Negative	0
65	BASEBOARD	CONCRETE	C	POOR	BLACK	BASEMENT	COMMON O/S BOILER RM.	Negative	0
66	BASEBOARD	CONCRETE	D	POOR	BLACK	BASEMENT	COMMON O/S BOILER RM.	Positive	1.2
67	WALL	PLASTER	A	POOR	PINK	BASEMENT	BATHROOM	Negative	0
68	WALL	PLASTER	A	POOR	PINK	BASEMENT	BATHROOM	Negative	0
69	CEILING	PLASTER	N/A	POOR	WHITE	BASEMENT	BATHROOM	Negative	0



Lead Based Paint Testing Data - XRF Results

Project Name & Number: McPherson Library; 632-190

Client Name: Duffield Associates

Inspector & Dates: John P. Fiorelli, July 15, 2019

Reading No	Component	Substrate	Side	Condition	Color	Floor	Room	Results	mg/cm2
70	CEILING	PLASTER	N/A	POOR	TAN	BASEMENT	BATHROOM	Negative	0
71	CEILING	DRYWALL	N/A	POOR	TAN	BASEMENT	BATHROOM	Negative	0
72	DOOR FRAME	WOOD	A	POOR	PINK	BASEMENT	BATHROOM	Negative	0
73	DOOR CASING	WOOD	A	POOR	PINK	BASEMENT	BATHROOM	Negative	0.5
74	DOOR	WOOD	A	POOR	PINK	BASEMENT	BATHROOM	Negative	0.5
75	WALL	PLASTER	A	POOR	PINK	BASEMENT	LUNCH RM.	Positive	1.3
76	WALL	DRYWALL	B	POOR	PINK	BASEMENT	LUNCH RM.	Negative	0
77	BASEBOARD	CONCRETE	A	POOR	BLACK	BASEMENT	LUNCH RM.	Positive	1.3
78	DOOR FRAME	WOOD	A	POOR	PINK	BASEMENT	LUNCH RM.	Negative	0
79	DOORFRAME	WOOD	A	POOR	PINK	BASEMENT	LUNCH RM.	Negative	0.5
80	DOOR CASING	WOOD	A	POOR	PINK	BASEMENT	LUNCH RM.	Negative	0
81	DOOR	WOOD	A	POOR	PINK	BASEMENT	LUNCH RM.	Negative	0.6
82	WALL	PLASTER	C	POOR	PINK	BASEMENT	LUNCH RM.	Negative	0.2
83	WALL	PLASTER	C	POOR	PINK	BASEMENT	LUNCH RM.	Negative	0.2
84	WALL	PLASTER	C	POOR	PINK	BASEMENT	LUNCH RM.	Negative	0.3
85	DUCT	METAL	N/A	POOR	WHITE	BASEMENT	LUNCH RM.	Negative	0
86	COLUMN	PLASTER	N/A	POOR	PINK	BASEMENT	LUNCH RM.	Negative	0.23
87	COLUMN	PLASTER	N/A	POOR	PINK	BASEMENT	LUNCH RM.	Negative	0.28
88	CEILING	PLASTER	N/A	POOR	WHITE	BASEMENT	LUNCH RM.	Negative	0
89	CEILING	PLASTER	N/A	POOR	WHITE	BASEMENT	LUNCH RM.	Negative	0
90	CEILING	PLASTER	N/A	POOR	WHITE	BASEMENT	LUNCH RM.	Negative	0
91	CEILING	PLASTER	N/A	POOR	WHITE	BASEMENT	LUNCH RM.	Negative	0
92	CEILING	PLASTER	N/A	POOR	WHITE	BASEMENT	LUNCH RM.	Negative	0



Lead Based Paint Testing Data - XRF Results

Project Name & Number: McPherson Library; 632-190

Client Name: Duffield Associates

Inspector & Dates: John P. Fiorelli, July 15, 2019

Reading No	Component	Substrate	Side	Condition	Color	Floor	Room	Results	mg/cm2
93	CEILING	PLASTER	N/A	POOR	WHITE	BASEMENT	LUNCH RM.	Negative	0.21
94	DOOR FRAME	WOOD	D	POOR	PINK	BASEMENT	LUNCH RM.	Negative	0
95	DOOR CASING	WOOD	D	POOR	PINK	BASEMENT	LUNCH RM.	Negative	0
96	DOOR	WOOD	D	POOR	PINK	BASEMENT	LUNCH RM.	Negative	0.5
97	WALL	PLASTER	A	INTACT	WHITE	BASEMENT	STORAGE RM.	Negative	0.4
98	WALL	PLASTER	B	POOR	WHITE	BASEMENT	STORAGE RM.	Negative	0.5
99	WALL	PLASTER	C	POOR	PINK	BASEMENT	STORAGE RM.	Negative	0.6
100	WALL	PLASTER	D	POOR	PINK	BASEMENT	STORAGE RM.	Negative	0
101	WALL	PLASTER	D	POOR	PINK	BASEMENT	STORAGE RM.	Negative	0.4
102	CEILING	PLASTER	N/A	POOR	PINK	BASEMENT	STORAGE RM.	Negative	0.4
103	WALL	PLASTER	A	FAIR	PINK	BASEMENT	STAFF RM.	Positive	8.5
104	WALL	DRYWALL	B	FAIR	PINK	BASEMENT	STAFF RM.	Negative	0
105	WALL	DRYWALL	C	FAIR	PINK	BASEMENT	STAFF RM.	Negative	0
106	WALL	PLASTER	D	FAIR	PINK	BASEMENT	STAFF RM.	Positive	10.6
107	CEILING	PLASTER	N/A	POOR	WHITE	BASEMENT	STAFF RM.	Positive	12.4
108	DOOR FRAME	WOOD	A	POOR	PINK	BASEMENT	STAFF RM.	Negative	0.4
109	DOOR CASING	WOOD	A	POOR	SHELAC	BASEMENT	STAFF RM.	Negative	0
110	DOOR	WOOD	A	POOR	PINK	BASEMENT	STAFF RM.	Negative	0.4
111	WALL	PLASTER	A	FAIR	PINK	BASEMENT	STAFF RM. KTCHEN	Positive	11.7
112	CEILING	PLASTER	N/A	PEELING	PINK	BASEMENT	STAFF RM. KTCHEN	Positive	13.4
113	WALL	DRYWALL	B	FAIR	PINK	BASEMENT	STAFF RM. KTCHEN	Negative	0
114	WALL	DRYWALL	C	FAIR	PINK	BASEMENT	STAFF RM. KTCHEN	Negative	0
115	WALL	PLASTER	D	POOR	PINK	BASEMENT	STAFF RM. KTCHEN	Positive	8.5



Lead Based Paint Testing Data - XRF Results

Project Name & Number: McPherson Library; 632-190

Client Name: Duffield Associates

Inspector & Dates: John P. Fiorelli, July 15, 2019

Reading No	Component	Substrate	Side	Condition	Color	Floor	Room	Results	mg/cm2
116	BASEBOARD	CONCRETE	A	POOR	BLACK	BASEMENT	STAFF RM. KTCHEN	Positive	12.9
117	BASEBOARD	CONCRETE	D	POOR	BLACK	BASEMENT	STAFF RM. KTCHEN	Positive	9.1
118	DOOR FRAME	WOOD	A	POOR	SHELAC	BASEMENT	STAFF RM. KTCHEN	Negative	0
119	DOOR CASING	WOOD	A	POOR	SHELAC	BASEMENT	STAFF RM. KTCHEN	Negative	0
120	DOOR	WOOD	A	POOR	SHELAC	BASEMENT	STAFF RM. KTCHEN	Negative	0
121	HUTCH	WOOD	D	POOR	SHELAC	BASEMENT	STAFF RM. KTCHEN	Negative	0
122	WALLS	WOOD	B	INTACT	PINK	BASEMENT	STAFF RM. CLOSET	Negative	0.4
123	WALLS	WOOD	C	INTACT	PINK	BASEMENT	STAFF RM. CLOSET	Negative	0.4
124	WALLS	PLASTER	C	CRACKED	BEIGE	BASEMENT	STAFF RM. CLOSET	Negative	0.4
125	WALLS	PLASTER	A	POOR	PINK	BASEMENT	LADIES LOCKER RM. AND BATH	Positive	13.6
126	BATH WALLS	PLASTER	C	POOR	PINK	BASEMENT	LADIES LOCKER RM. AND BATH	Negative	0
127	BATH WALLS	PLASTER	C	POOR	PINK	BASEMENT	LADIES LOCKER RM. AND BATH	Positive	16.7
128	BASEBOARD	CONCRETE	B	POOR	BLACK	BASEMENT	LADIES LOCKER RM. AND BATH	Negative	0
129	BASEBOARD	CONCRETE	D	POOR	BLACK	BASEMENT	LADIES LOCKER RM. AND BATH	Positive	1.4
130	LOCKER RM. DOOR FRAME	WOOD	A	POOR	PINK	BASEMENT	LADIES LOCKER RM. AND BATH	Negative	0.4
131	LOCKER RM. DOOR CASING	WOOD	A	POOR	PINK	BASEMENT	LADIES LOCKER RM. AND BATH	Negative	0
132	LOCKER RM. DOOR	WOOD	A	POOR	PINK	BASEMENT	LADIES LOCKER RM. AND BATH	Negative	0.6
133	CEILING	PLASTER		PEELING	WHITE	BASEMENT	LADIES LOCKER RM. AND BATH	Positive	12.9
134	WALL	PLASTER	B	INTACT	PINK	BASEMENT	HALL O/S LUNCH	Positive	2.3
135	WALL	PLASTER	C	INTACT	PINK	BASEMENT	HALL O/S LUNCH	Positive	1.2
136	CEILING	PLASTER	N/A	POOR	WHITE	BASEMENT	HALL O/S LUNCH	Positive	3.5
137	BASEBOARD	CONCRETE	A	POOR	BLACK	BASEMENT	HALL O/S LUNCH	Positive	1.9
138	BASEBOARD	CONCRETE	A	POOR	BLACK	BASEMENT	HALL O/S LUNCH	Positive	1.6



Lead Based Paint Testing Data - XRF Results

Project Name & Number: McPherson Library; 632-190

Client Name: Duffield Associates

Inspector & Dates: John P. Fiorelli, July 15, 2019

Reading No	Component	Substrate	Side	Condition	Color	Floor	Room	Results	mg/cm2
139	WALL	PLASTER	A	POOR	PINK	BASEMENT	STAIRWELL	Negative	0
140	WALL	PLASTER	A	POOR	PINK	BASEMENT	STAIRWELL	Positive	2.7
141	RAILING	WOOD	D	POOR	PINK	BASEMENT	STAIRWELL	Negative	0.4
142	WAINSCOTT	WOOD	D	POOR	PINK	BASEMENT	STAIRWELL	Positive	1.3
143	STAIR RISER	CONCRETE	N/A	POOR	BLACK	BASEMENT	STAIRWELL	Negative	0
144	WINDOW SILL	WOOD	C	POOR	PINK	FIRST	STAIRWELL	Negative	0.4
145	WINDOW FRAME	WOOD	C	POOR	PINK	FIRST	STAIRWELL	Positive	1.9
146	WINDOW APRON	WOOD	C	POOR	PINK	FIRST	STAIRWELL	Positive	1.8
147	WINDOW CASING	WOOD	C	POOR	PINK	FIRST	STAIRWELL	Positive	1.8
148	EXIT DOOR FRAME	WOOD	C	POOR	PINK	FIRST	STAIRWELL	Positive	1.4
149	EXIT DOOR CASING	WOOD	C	POOR	PINK	FIRST	STAIRWELL	Positive	1.4
150	EXIT DOOR FRAME	METAL	C	POOR	BROWN	FIRST	STAIRWELL	Negative	0
151	EXIT DOOR	METAL	C	POOR	BROWN	FIRST	STAIRWELL	Negative	0
152	CEILING	PLASTER	C	POOR	PINK	FIRST	STAIRWELL	Negative	0
153	CEILING	PLASTER	C	POOR	PINK	FIRST	STAIRWELL	Negative	0
154	WALL	PLASTER	A	POOR	PINK	FIRST	STAFF OFFICE/STORAGE	Negative	0.23
155	WALL	PLASTER	A	POOR	PINK	FIRST	STAFF OFFICE/STORAGE	Negative	0.4
156	WALL	DRYWALL	B	POOR	PINK	FIRST	STAFF OFFICE/STORAGE	Negative	0.25
157	WALL	PLASTER	C	POOR	PINK	FIRST	STAFF OFFICE/STORAGE	Negative	0.2
158	WALL	PLASTER	C	POOR	PINK	FIRST	STAFF OFFICE/STORAGE	Negative	0.14
159	WALL	PLASTER	C	POOR	PINK	FIRST	STAFF OFFICE/STORAGE	Negative	0.23
160	WINDOW SILL	WOOD	C	POOR	PINK	FIRST	STAFF OFFICE/STORAGE	Negative	0
161	DUCT	METAL	N/A	POOR	WHITE	FIRST	STAFF OFFICE/STORAGE	Negative	0



Lead Based Paint Testing Data - XRF Results

Project Name & Number: McPherson Library; 632-190

Client Name: Duffield Associates

Inspector & Dates: John P. Fiorelli, July 15, 2019

Reading No	Component	Substrate	Side	Condition	Color	Floor	Room	Results	mg/cm2
162	DOOR FRAME	WOOD	N/A	POOR	PINK	FIRST	STAFF OFFICE/STORAGE	Negative	0
163	DOOR CASING	WOOD	N/A	POOR	PINK	FIRST	STAFF OFFICE/STORAGE	Negative	0
164	DOOR	WOOD	N/A	POOR	PINK	FIRST	STAFF OFFICE/STORAGE	Negative	0.6
165	CEILING	PLASTER	N/A	POOR	WHITE	FIRST	STAFF OFFICE/STORAGE	Negative	0.23
166	COLUMN	PLASTER	C	POOR	BEIGE	FIRST	FRONT LIBRARY	Negative	0.27
167	COLUMN	PLASTER	C	POOR	BEIGE	FIRST	FRONT LIBRARY	Positive	5.7
168	LARGE ARCH	WOOD	C	POOR	WHITE	FIRST	FRONT LIBRARY	Positive	8.1
169	LARGE ARCH MOLDING	WOOD	C	POOR	WHITE	FIRST	FRONT LIBRARY	Positive	13.7
170	WALL	PLASTER	A	POOR	WHITE	FIRST	FRONT LIBRARY	Positive	25.5
171	WALL	PLASTER	A	POOR	PINK	FIRST	FRONT LIBRARY	Positive	13.4
172	WALL	PLASTER	B	POOR	TAN	FIRST	FRONT LIBRARY	Positive	2.6
173	WALL	PLASTER	C	POOR	PINK	FIRST	FRONT LIBRARY	Positive	3.5
174	COLUMN	PLASTER	C	POOR	PINK	FIRST	FRONT LIBRARY	Positive	10.3
175	SHELF	WOOD	C	POOR	PINK	FIRST	FRONT LIBRARY	Negative	0
176	SHELF	WOOD	C	POOR	PINK	FIRST	FRONT LIBRARY	Negative	0
177	SHELF DIVIDERS	WOOD	C	POOR	PINK	FIRST	FRONT LIBRARY	Positive	1.2
178	SHELF DIVIDERS	WOOD	C	POOR	PINK	FIRST	FRONT LIBRARY	Positive	1.5
179	SHELF DIVIDERS	WOOD	C	POOR	PINK	FIRST	FRONT LIBRARY	Positive	1.4
180	SHELF	WOOD	C	POOR	PINK	FIRST	FRONT LIBRARY	Negative	0
181	SHELF	WOOD	C	POOR	PINK	FIRST	FRONT LIBRARY	Negative	0
182	SHELF	WOOD	D	POOR	PINK	FIRST	FRONT LIBRARY	Negative	0
183	WALL	PLASTER	D	POOR	WHITE	FIRST	FRONT LIBRARY	Positive	11.1
184	WALL	PLASTER	D	POOR	WHITE	FIRST	FRONT LIBRARY	Positive	17.3



Lead Based Paint Testing Data - XRF Results

Project Name & Number: McPherson Library; 632-190

Client Name: Duffield Associates

Inspector & Dates: John P. Fiorelli, July 15, 2019

Reading No	Component	Substrate	Side	Condition	Color	Floor	Room	Results	mg/cm2
185	SHELF DIVIDERS	WOOD	D	POOR	PINK	FIRST	FRONT LIBRARY	Positive	1.9
186	SHELF	WOOD	D	POOR	PINK	FIRST	FRONT LIBRARY	Negative	0
187	SHELF	WOOD	D	POOR	PINK	FIRST	FRONT LIBRARY	Negative	0
188	SUPPLY VENTS	METAL	D	POOR	PINK	FIRST	FRONT LIBRARY	Negative	0
189	SUPPLY VENTS	METAL	D	POOR	PINK	FIRST	FRONT LIBRARY	Negative	0
190	SUPPLY VENT ENCLOSURE	METAL	D	POOR	PINK	FIRST	FRONT LIBRARY	Negative	0
191	SHELF TOP FRAME PORTION	METAL	D	POOR	PINK	FIRST	FRONT LIBRARY	Positive	1.6
192	WALL	PLASTER	B	POOR	TAN	FIRST	REAR LIBRARY	Positive	11.6
193	WALL	PLASTER	B	POOR	PINK	FIRST	REAR LIBRARY	Positive	15.7
194	WALL	PLASTER	C	POOR	PINK	FIRST	REAR LIBRARY	Positive	21.2
195	WALL	PLASTER	C	POOR	PINK	FIRST	REAR LIBRARY	Positive	12.2
196	SHELF FRAMING	PLASTER	C	POOR	PINK	FIRST	REAR LIBRARY	Positive	1.3
197	SHELF FRAMING TOP	PLASTER	C	POOR	PINK	FIRST	REAR LIBRARY	Positive	1.2
198	SHELF	WOOD	C	POOR	PINK	FIRST	REAR LIBRARY	Negative	0
199	SHELF	WOOD	C	POOR	PINK	FIRST	REAR LIBRARY	Negative	0.5
200	SHELF	WOOD	C	POOR	PINK	FIRST	REAR LIBRARY	Negative	0
201	BOTTOM SHELF	WOOD	B	POOR	PINK	FIRST	REAR LIBRARY	Negative	0
202	OFFICE WALLS	DRYWALL	A	POOR	PINK	FIRST	REAR LIBRARY	Negative	0
203	WINDOW SILL	WOOD	B	FAIR	TAN	FIRST	REAR LIBRARY	Positive	15.2
204	WINDOW SILL	WOOD	B	FAIR	TAN	FIRST	REAR LIBRARY	Positive	14.3
205	WALL	CONCRETE	A	POOR	TAN	FIRST	OUTSIDE	Negative	0
206	WALL	CONCRETE	A	POOR	TAN	FIRST	OUTSIDE	Negative	0
207	WALL	CONCRETE	A	POOR	TAN	FIRST	OUTSIDE	Negative	0



Lead Based Paint Testing Data - XRF Results

Project Name & Number: McPherson Library; 632-190

Client Name: Duffield Associates

Inspector & Dates: John P. Fiorelli, July 15, 2019

Reading No	Component	Substrate	Side	Condition	Color	Floor	Room	Results	mg/cm2
208	COLUMN	CONCRETE	A	POOR	TAN	FIRST	OUTSIDE	Negative	0
209	COLUMN	CONCRETE	A	POOR	TAN	FIRST	OUTSIDE	Negative	0
210	COLUMN	CONCRETE	A	POOR	TAN	FIRST	OUTSIDE	Negative	0
211	WALL	CONCRETE	A	POOR	TAN	FIRST	OUTSIDE	Negative	0
212	WALL	CONCRETE	A	POOR	TAN	FIRST	OUTSIDE	Negative	0
213	WALL	CONCRETE	A	POOR	TAN	FIRST	OUTSIDE	Negative	0
214	WALL	CONCRETE	A	POOR	TAN	FIRST	OUTSIDE	Negative	0
215	ENTRY DOOR FRAME	WOOD	A	POOR	BEIGE	FIRST	OUTSIDE	Positive	25.8
216	ENTRY DOOR	WOOD	A	POOR	BROWN	FIRST	OUTSIDE	Positive	8.7
217	WALL	CONCRETE	B	POOR	TAN	FIRST	OUTSIDE	Negative	0.09
218	SHUTTER CALIBRATION	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5.43
219	PLAYGROUND EQUIPMENT	N/A	N/A	INTACT	ORANGE		OUTSIDE	Negative	0
220	PLAYGROUND SWING	N/A	N/A	INTACT	BLACK		OUTSIDE	Negative	0
221	PLAYGROUND EQUIPMENT	N/A	N/A	INTACT	YELLOW		OUTSIDE	Negative	0
222	PLAYGROUND EQUIPMENT	N/A	N/A	INTACT	WHITE		OUTSIDE	Negative	0
223	PLAYGROUND EQUIPMENT	N/A	N/A	INTACT	RED		OUTSIDE	Negative	0
224	BENCH	N/A	N/A	INTACT	BLUE		OUTSIDE	Negative	0
225	SIGN	N/A	N/A	INTACT	BLUE		OUTSIDE	Negative	0

Attachment 4
City of Philadelphia
Asbestos Inspection Report



City of Philadelphia - Department of Public Health
Air Management Services, 2nd Fl. Asbestos Control Unit
321 University Ave. Philadelphia, PA 19104

Office Use Only

Date Received L&I:

Date Received AMS:

Date Inspected

Inspector No.

Asbestos Inspection Report

1. Name of Building / Property: _____ Address _____

2. Name of Building / Property Owner: _____ Address _____ Phone No. _____

3. Name of Philadelphia Certified Investigator: _____ Certification No. _____ Contact Information / Email / Phone No. _____
L&I Commercial Activity No. (Former Business Privilege License No.) _____ Business Tax ID No. _____

4. Name of Philadelphia Licensed Laboratory: _____ License No. _____ Phone No. _____

5. Scope of Work: (Insert or attach a complete description of the portion of the subject property inspected and the anticipated work that will result in the disturbance of the identified Asbestos Containing Materials (ACMs) (e.g. demolition, asbestos abatement, and / or renovation activities.)

The scope of work will either be complete building demolition of the building or major renovations throughout the building. A comprehensive asbestos inspection along with bulk sampling of accessible suspect materials was performed.

6. Property has been declared to be in imminent danger (ID) of failure or collapse by the City of Philadelphia Department of Licenses & Inspections. Attached is a copy of the L&I Notice of Violation declaring the property I.D. ****Note: INVESTIGATOR MUST BE ON SITE DURING DEMOLITION!**

7. (ACMs) identified? Yes (List Below) No (explain)

8. Suspected ACM's sampled? Yes (attached are copies of the laboratory chain of custody and bulk sample results.) No (Why?)

9. List all identified ACM's located in the planned renovation/demolition areas. Damaged ACM must be listed and then repaired or removed prior to renovation. You (Investigator) must label all ACM that may be left in the work area. (Attached are add'tl sheets)

Location	Description	Type (Code 1)	Amount		Condition (Code 2)	Action (Code 3)
			Square	Linear		

Code 1

FRI - Friable
NF1 - Non-Friable, Cat. 1
NF2 - Non-Friable, Cat. 2

Code 2

DD - Deteriorated or Delaminated
ND - Non-Damaged

Code 3

REM - Removal necessary prior to Demo/Reno
NRN - No removal necessary, label ACM
REP - Repair & Label ACM, removal not necessary

10. I hereby certify that the foregoing statements are true and the information contained in this report is true. This certification is made subject to the penalties set forth in 18 PA. C.S. S4904 relating to unsworn falsification to authorities. Furthermore I certify that the inspection, sampling, and labeling requirements of section X of the Asbestos Control Regulation (ACR) have been met. The building owner has been notified of the ACR requirements and given a copy of this report. If the inspection has revealed ACM which will be disturbed by the proposed work or if it has revealed ACM in bad condition, the building owner has been notified to remove or repair the ACM in accordance with the ACR prior to renovation or demolition activity.

11. Signature of Certified Asbestos Investigator:  Date: _____ Signature of Building Owner: _____ Date: _____



9. List Asbestos Containing Material (ACM) located in the planned renovation/demolition area(s). Damaged ACM must be listed and then repaired or removed prior to renovation. You (Investigator) must label all ACM that may be left in the work area.

Q/U = Quantity Undetermined

Location	Description	Type (Code 1)	Amount		Condition (Code 2)	Action (Code 3)
			Square	Linear		
Basement Mechanical Room	White Packing surrounding the Boiler Breeching/Chimney connection point	FRI	5 square feet		ND	REM
Throughout Basement	12" x 12" White Floor Tile and associated Mastic (120 sf below non-asbestos Vinyl Composite Tile)	NF1	2,748 square feet		ND	REM
Throughout First Floor	12" x 12" White Floor Tile and associated Mastic (3,740 sf below Carpeting and 856 sf below non-asbestos Vinyl Composite Tile)	NF1	4,896 square feet		ND	REM
Throughout	Wood and Metal Fire Doors throughout the Building (assumed asbestos-containing interior cores)	NF2	Approx. 20 doors		ND	REM
Throughout – Concealed within Electric Boxes Behind Panel Breakers	Wire Insulation	NF2	Q/U		ND	REM
Concealed within Wall Cavities (feeding radiators from Attic)	Magnesia (MAG) Pipe/Pipe Fitting Insulation	FRI	Q/U		ND	REM
Attic	Magnesia (MAG) Pipe/Pipe Fitting Insulation	FRI		250 linear feet		REM
Rooftops	Roof field and flashing (assumed asbestos-containing)	NF1	6,500 square feet			REM

Signature of Certified Asbestos Investigator:

Date:

8/14/2019

Signature of Building Owner:

Date: