

Mr. Cedric Allen
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**RE: PHASE I ENVIRONMENTAL SITE ASSESSMENT
4721-51 OXFORD AVENUE
PHILADELPHIA, PA, 19124
TAX MAP ID # 090N050402
RT Project # 73047-01**

Dear Mr. Allen,

RT Environmental Services, Inc. (RT) is pleased to present this Phase I Environmental Site Assessment to Nana's Daycare LLC for the above referenced property. The following information summarizes our findings.

Executive Summary

RT was retained by Nana's Daycare LLC to perform a Phase I Environmental Site Assessment (ESA) for the property located at 4721-51 Oxford Avenue, Philadelphia County, Philadelphia, Pennsylvania, 19124. The subject property is approximately 0.27 acres in size and is improved with a 2-story building with a basement and a yard area (north of the building). The property building comprises approximately 11,460 ft². Operations are not currently occurring at the site and the interior of the building was demolished in November 2017 in anticipation of redevelopment of the property into a daycare facility. The existing building was constructed in 1934.

Data Gaps/Scope Limitations

- A deed and title search was conducted for the property. There is a break in the chain of title in the 1965 deed. Therefore, the scope of this assessment is limited with respect to historical ownership. However, Sanborn Fire Insurance Maps and aerial photographs were obtained for the subject property extending back to 1920 and 1940, respectively.



Therefore, it is RT's opinion that the break in the chain of title is not a significant scope limitation.

RT has performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 (the EPA All Appropriate Inquiry rule) for the site located at 4721-51 Oxford Avenue, Philadelphia County, Philadelphia, Pennsylvania, 19124. Any exceptions to, or deletions from, this practice are described in the Executive Summary of this report. This assessment has revealed the following recognized environmental conditions (RECs) in connection with the property:

Recognized Environmental Conditions (RECs)

- Potential off-site volatile vapor intrusion concerns were noted during completion of this Phase I ESA in association with potential releases associated with former upgradient and/or abutting properties utilized as auto body shops, gasoline service stations and dry cleaners as identified on the Sanborn Maps and in the EDR report (i.e. Boland George & Jack, Haggerty Jos, Dees Cleaners & Dryers and Sing Lee dry cleaners). RT recommends a Phase II to determine if these historic off-site operations have impacted the subsurface quality of the site.
- Sections of stressed vegetation are present in the grassy yard area of the subject property. It appears that this was a former parking/paved area, and has potentially had various items stored in the yard that have contributed to the present condition of the vegetation. RT recommends a Phase II to determine if subsurface soils have been impacted by prior operations.
- Potential spill areas were observed near the base of the stairs, at a small broken concrete area along the interior sidewall, and a larger wet (seemingly greasy) area in the western section of the basement. There was no lighting in the basement or knowledgeable party present to review existing conditions. As such, the basement was

investigated by flashlight with several visible water stained areas across the floor. In general, the concrete floor was in good condition, except in a few areas. RT recommends a Phase II investigation beneath the basement floor to determine if subsurface soils have been impacted in the area of staining.

Historic RECs

- There are currently no Historic RECs on the subject property.

Controlled RECs

- There are currently no controlled RECs on the subject property.

Non-ASTM Scope Issues

- Approximately 15 chemical containers were identified in the basement of the building. These ranged in size from one liter to 5-gallons and contained paints, thinners, floor sealant, and other chemicals. Small propane cylinders were also observed on the floor in the basement and larger liquid carbon dioxide cylinders are located on the 2nd floor of the building. The containers are stored on the concrete floor in the basement, which appeared to be in good shape with only one deminimis paint spill. These chemicals are reportedly not slated for future use. RT recommends removal and appropriate disposal of all chemicals and containers to prevent spills.
- Locations of the basement (including in water laden areas, near the elevator and furnace room), the 1st and 2nd floors and exterior portions of the subject property contain trash, wood, demolition debris (i.e. bricks and concrete), various containers, metallic items, trash in bags, sheetrock (or foam insulation), discarded household items, wires, hoses, small piles of debris and so on. RT recommends appropriate management of these materials.

Mr. Cedric Allen
RT Project #73047-01
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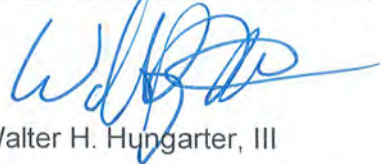
- A leaking pipe, moisture laden materials and potential mold (and moldy odors) are present in the basement of the building and roof leaks with ceiling and floor damage were observed on the 2nd floor of the building. RT recommends repairing the leaking pipe and disposing of moldy materials as part of planned redevelopment activities.
- Based on the age of the building and its present condition, ACM may be present in the building. RT recommends that the potential for ACM be taken into account as part of planned future site activities.
- Based on the age of the building and the present condition, LBP may be present in the building. RT recommends that the potential for LBP be taken into account as part of planned future site activities.

RT will make further recommendations on potential site environmental liabilities upon completion of the Phase II work discussed herein.

RT appreciated this opportunity to be of service to Nana's Daycare LLC on this project. Please contact me if you have any questions regarding this project.

Very truly yours,

RT ENVIRONMENTAL SERVICES, INC.



Walter H. Hungarter, III

Vice President



PHASE I ENVIRONMENTAL SITE ASSESSMENT

**TAX MAP ID #
090N050402**

**NANA'S DAYCARE LLC
4721-51 OXFORD AVENUE
PHILADELPHIA, PENNSYLVANIA 19124**

RT PROJECT #73047-01

PREPARED FOR:

**CEDRIC ALLEN
NANA'S DAYCARE LLC
4721-51 OXFORD AVENUE
PHILADELPHIA, PA 19124**

SUBMITTED BY:

**RT ENVIRONMENTAL SERVICES, INC.
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KING OF PRUSSIA, PENNSYLVANIA 19406**

MAY 29, 2019

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1.0 INTRODUCTION

RT was retained by Nana's Daycare LLC to perform a Phase I Environmental Site Assessment (ESA) for the property located at 4721-51 Oxford Avenue, Philadelphia County, Philadelphia, Pennsylvania, 19124. The subject property is approximately 0.27 acres in size and is improved with a 2-story building with a basement and a yard area (north of the building). The property building comprises approximately 11,460 ft². Operations are not currently occurring at the site and the interior of the building was demolished in November 2017 in anticipation of redevelopment of the property into a daycare facility. The existing building was constructed in 1934. A site location map is included as **Figure 1** and a tax map is included as **Figure 2**. A copy of the Proposal engaging us for this work can be found in **Appendix 1**.

The purpose of this Phase I was to identify any existing environmental liabilities in connection with the subject property. The Phase I was conducted in accordance with the ASTM Environmental Assessment Standard E 1527-05 (the EPA All Appropriate Inquiry rule). It was also conducted in accordance with the "good faith" definition in the above mentioned standard which is, "the absence of any intention to seek an unfair advantage or to defraud another party; an honest and sincere intention to fulfill one's obligations in the conduct or transaction concerned." We (RT) declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in 312.10 of 40 CFR 312.

An *Environmental Professional* (EP) is defined as someone who holds a current professional engineer's (P.E.) or professional geologist (P.G.) license or registration from a state, tribe, or U.S. territory and has the equivalent of three (3) years of full-time relevant experience. The EP can also be licensed or certified by the federal government, a state, tribe, or U.S. Territory to perform environmental inquiries as defined in 312.10 of 40 CFR 312 and have the equivalent of three (3) years of full time relevant experience. They also can have a baccalaureate or higher degree from an accredited institution of higher education in a relevant discipline of engineering, environmental science, or earth science and the equivalent of five (5) years of full-time relevant experience. Lastly, they can as of the date of promulgation of the final rule, have a baccalaureate or higher degree from an accredited institution of higher education and the

equivalent of ten (10) years of full time relevant experience. An EP was responsible for the contents of this report.

2.0 SITE DESCRIPTION

2.1 SITE DESCRIPTION

A description of the current property is presented below. A copy of the tax lot map is included as **Figure 2**.

- Acreage: Approximately 0.27 acres
- Building Square Footage (gross): Approximately 11,460 ft²
- Property Description (current use): The subject property is improved with a 2-story building (with a basement), and a yard area.
- Utilities: Electric, telephone, gas, municipal water and sewer
- Topography: West
- Site elevation: Approximately 51 feet above sea level (based on the Frankford, PA, USGS 7.5-Minute Topographic Quadrangle Map)
- Soil Type/Condition: Urban land
- Geology/Geologic Features: These deposits were formed during the Paleozoic era and are of the Ordovician system and Lower Paleozoic Granitic Rock series, consisting of plutonic and intrusive rocks.
- Groundwater Flow Information: Based on the EDR report and the topography, groundwater in the vicinity of the subject property will likely flow in a west, southwesterly direction towards Frankford Creek

2.2 SURROUNDING LAND USE

Information obtained during this assessment regarding current and historical surrounding land use is summarized below.

Surrounding Land Use	
Direction	Description
East	East of the subject property are commercial properties including a pizza restaurant and residences.
North	North of the subject property are residential and commercial properties.
West	West of the subject property are commercial properties and Griscom Street beyond which are residences.
South	South of the subject property is Citizens Bank and a Transportation Center.

Date of Inspection: May 16, 2019

2.3 WETLANDS MAP REVIEW

A summary of the National Wetlands Inventory from the U.S. Department of the Interior map review is presented below. Additionally, wetland information, as provided by the Environmental Database Report, has been reviewed. A wetland information map is provided in the database report and as **Figure 3**.

Source: Frankford Quadrangle, 2013; USGS National Map Viewer National Wetlands Inventory Map

Subject Property:

A review of the historic aerial photographs and wetlands maps provided by EDR indicate that no wetlands are present at the subject property. No wetland conditions were identified during

review of the aerial photographs, and no wetland violations were listed for the subject property in the database report.

Surrounding Properties:

There are no wetlands mapped for the surrounding properties to the north, south, east, or west of the subject property.

2.4 SURFACE WATER BODIES

There are no water bodies at the subject property; however Frankford Creek is located less than ¼ mile west of the subject property.

2.5 FLOOD PLAIN

Rate Map:	FEMA Flood Map
Map Number:	42091C0389E
Effective Date:	2015

Based on the FEMA Mapping of the flood plain information the subject property appears to be located in Zone X as areas determined to be outside the 100 and 500 year floodplains. A flood zone map is provided as **Figure 4**.

2.6 RADON INFORMATION

The radon potential information for the 19124 zip code, provided by the EDR Inc. database report was reviewed. A summary of the findings are presented below.

- Zip Code: 19124

Radon Potential: The subject property is located in the portion of Philadelphia County which is listed as being in Zone 3. The subject property is located in the EPA's Zone 3 with an indoor

average radon level less than 2 pCi/L. This is below the EPA action level of 4 pCi/l; therefore this issue does not appear to be of further concern at this time.

3.0 HISTORICAL RECORDS REVIEW

3.1 SUMMARY

A site history/use summary, including historic ownership, use, and operations, is presented below. This summary was derived from relevant information presented throughout this report.

Site History/Use Summary	
Date(s)	Description
1920-1934	The subject property comprised other buildings that included a black smith, a wagon garage, a parking garage, a store and a shed.
1934-2014	The subject property building was constructed in 1934 and has had multiple commercial business operations including a thrift store and a night club which ceased operations in approximately 2014.
2014-Present	The subject property is presently a 2-story vacant building with a small yard area slated for redevelopment into a daycare facility. In 2017 portions of the interior of the building were demolished.

3.2 SITE OWNERSHIP

The current owner of the subject property (assessed as 4721-4741 Oxford Avenue) is Nana's Daycare LLC who purchased the property from Zeeky Corporation (Zeeky) on November 21, 2014. Oscar Zatz of Zeeky sold 4721-4729 Oxford Avenue to Dwayne and Michael Johnson (DAW Inc.) on July 19, 2003. However this was recorded as fraudulent by a confirmation deed dated April 22, 2005 by the City of Philadelphia. Zeeky therefore retained ownership of the property. Oscar Zatz conveyed the property to Zeeky Corporation on October 6, 1981. Mr. Katz purchased the property from William and Elizabeth Larkin on November 20, 1979 who took ownership of the site from John and Betty Birkmann on December 22, 1965.

3.3 USER PROVIDED INFORMATION

3.3.1 Activity and Use Limitations

Mr. Cedric Allen, of Nana's Daycare LLC, said that he is unaware of any activity and use limitations (AUL) on the subject property. An AUL for the site was not identified during the records research.

3.3.2 Environmental Liens/Title Records

Mr. Cedric Allen said there are no environmental liens on the subject property to the best of his knowledge, and none were found during the records research for this property.

3.3.3 Valuation Reduction for Environmental Issues

Mr. Cedric Allen was not aware of any valuation reduction associated with the property as a result of environmental issues to the best of his knowledge.

3.4 PRIOR USE INTERVIEWS

- Person Interviewed: Mr. Cedric Allen
- Affiliation: Nana's Daycare LLC
- Years Knowledge of Property: 4-5 Years
- Date Interviewed: May 16, 2019

The most knowledgeable person identified to RT was Mr. Cedric Allen, of Nana's Daycare LLC; the property owner. Mr. Cedric Allen is unaware of any off-site issues with adjacent properties which could impact the subject property. He indicated that there are no USTs/ASTs at the subject property. Mr. Cedric Allen is unaware of any Superfund letters or environmental issues associated with the subject property. He indicated the subject property has no violations, chemical storage areas and there has never been any flooding at the site in the basement. Utilities were identified as electric, municipal water and sewer and telephone. Mr. Allen indicated that the prior tenants were a thrift shop and night club, there are no wells on the property or transformers and no chemical spills have occurred at the subject property that he is aware of.

During completion of this Phase I ESA, Mr. Cedric Allen was identified as the Most Knowledgeable Party (MKP) and conducted an interview during the site inspection with RT. Information furnished during this interview is taken to be true and forms the basis for opinions expressed herein and is presented, as appropriate, in various sections of this report to the extent of their practical site knowledge. We cannot warrant the accuracy or completeness of information furnished to us during the interviews.

3.5 LOCAL GOVERNMENT AGENCY RECORDS REVIEW

RT contacted the Philadelphia Department of Licenses and Inspections (L&I) regarding the subject property. The L&I files indicated that there are no easements on the property or right of ways. Deed restrictions and liens were not identified for the property; however, permits (non-UST/AST) were identified for interior building demolition completed by the current owners in August 2017 and an intended use permit for the property as a daycare. Licenses are listed for prior business operations and there are several violations on file in regards to various issues and inspections over the years. It should be mentioned that prior violations were in relation to combustible waste accumulation and inappropriate material storage in 2007. No other environmental concerns were noted.

3.6 HISTORIC AERIAL PHOTOGRAPH REVIEW

Historical aerial photographs were reviewed in an attempt to identify possible environmental concerns at the site or adjacent properties. A summary of the aerial photographs reviewed is presented below with the 2018 photograph and historic aerials attached as **Appendix 3** and **4**, respectively.

Aerial Photograph Review Summary	
Date (Photograph Section)	Description
2018 (Google Maps)	The subject property consists of a two story building, and a yard area off Oxford Avenue. In general, it is surrounded on all sides by residential apartments, houses, commercial properties and stores.
2017 (EDR)	There are no apparent changes from the 2018 aerial photograph.
2013 (EDR)	There are no apparent changes from the 2017 aerial photograph.
2010 (EDR)	There are no apparent changes from the 2013 aerial photograph.
2005 (EDR)	There are no apparent changes from the 2010 aerial photograph.
1999 (EDR)	There are no apparent changes from the 2005 aerial photograph.
1993 (EDR)	There is no significant clarity in the 1993 aerial photograph.
1991 (EDR)	There are no apparent changes from the 1993 aerial photograph.
1988 (EDR)	There are no apparent changes from the 1991 aerial photograph.
1981 (EDR)	There are no apparent changes from the 1988 aerial photograph.
1975 (EDR)	There are no apparent changes from the 1975 aerial photograph.
1971 (EDR)	There are no apparent changes from the 1971 aerial photograph.
1965 (EDR)	There is no significant clarity in the 1965 aerial photograph.
1959 (EDR)	There is no significant clarity in the 1959 aerial photograph.
1951 (EDR)	There is no significant clarity in the 1951 aerial photograph.
1944 (EDR)	There is no significant clarity in the 1944 aerial photograph.
1940 (EDR)	The subject property building appears smaller. The surrounding area has changed over time, but remains commercial and residential properties with various stores.
Source of Photographs: Google Earth, EDR	

3.7 HISTORIC MAP REVIEW

A historic map search was conducted by Environmental Data Resources, Inc. for the subject property located at 4721-51 Oxford Avenue, Philadelphia County, Philadelphia, Pennsylvania, 19124. A summary of the maps is presented below and copies are included in **Appendix 5**.

Sanborn Map Review Summary	
Date	Description
2006	The subject property building is comprised of two stories and a basement. An elevator is listed as being present in the building which is occupied by 2-stores (one is a thrift shop) a night club and a parking/yard area to the north of the subject property. To the north of the subject property are stores and apartments. To the south of the subject property is a bank, Frankford Avenue, commercial stores and a dry cleaning operation. East of the site is a store and Goodwill Industries and west of the subject property is Oxford Avenue and dwellings.
2004	There are no significant changes from the 2006 Sanborn map.
2002	There are no significant changes from the 2004 Sanborn map.
2000	There are no significant changes from the 2002 Sanborn map.
1989	There are no significant changes from the 2000 Sanborn map.
1980	There are no significant changes from the 1989 Sanborn map.
1975	There are no significant changes from the 1980 Sanborn map for the subject property, however just north of the subject property is a dry cleaner, stores, auto parking and within 500 feet northwest is a filling station.
1951	The subject property building is present, however there are seven stores two showroom areas for goods an auto parking lot and an elevator. North of the subject property is the same as in 1975. South of the subject property is Oxford Bank Building and stores. East of the subject property are stores and a movie theatre. Northeast of the site is a gasoline filling station with five UST's and west of the subject property are stores, dwellings and a paint shop.

1920	The subject property comprised other buildings that included a black smith, a wagon garage, a parking garage, a store and a shed. North of the subject property was an auto garage, dwellings, stores and an auto repair shop. South of the subject property was the Seven Stars Hotel. East of the site was a church, a school and stores. West of the subject property were dwellings.
Source of Sanborn Maps: EDR, Inc.	

3.8 PREVIOUS INVESTIGATIONS/ASSESSMENTS

No records of previous investigations or environmental assessments were identified during the course of this investigation.

4.0 REGULATORY FILE SEARCH / ENVIRONMENTAL DATABASE REVIEW

As part of the overall review and audit of the property, RT performed a computerized search of Federal and State Databases. The search was performed for the subject property located at 4721-51 Oxford Avenue, Philadelphia County, Philadelphia, Pennsylvania, 19124.

The EDR Report is an environmental screening tool which identifies both target and adjoining properties within an ASTM recommended search distance radii which may impact the subject properties. This type of search is often used for densely populated urban areas which preclude the search of an entire zip code area. The search radius for specific government records may be specified by the client or as in the case of this report; it can be made to vary according to the requirements of the ASTM Environmental Assessment Standard E 1527-05. The potential environmental liabilities associated with each site are also identified via each searched database.

The database records search is divided into two types of regulatory search areas:

1. Federal Records - Site Listings
 - a. NPL, CERCLIS, RCRA, and NFRAP

- b. ERNS (spills reported to EPA, Coast Guard and DOT)
2. State Records - Site Listings:
 - a. Registered UST/AST and LUST (Leaking UST) Sites
 - b. HWS (State Equivalent Priority List Sites), Solid Waste Landfill Sites.
 3. State and Federal Well Records and Water Supply Violation Information

The report is divided into three main sections:

1. Maps identifying topographic features, detailed site area features and overview information.
2. Individual database listings provide information on the target property and sites surrounding the target properties in order of proximity, including, where possible, distance and direction from the target properties.
3. Un-mappable sites information which identifies properties within the same zip code area, adjacent zip code areas or same county as the subject property that may be of concern.

With the exception of the RCRA-CESQG and the RCRA NONGEN sites, only sites within one-eighth (1/8) of a mile of the subject property are listed in this review. Sites beyond that distance are not believed to be of concern. A complete database report can be found in **Appendix 6**.

4.1 FEDERAL RECORDS

Federal Database Search Results Summary							
Database	Date of Listing	Search Radius (miles)	Site Listed	Surrounding Sites within Specified Radius			
				Description	Dist	Dir	Note
NPL	3/11/19	1.00	No	No Facilities Listed			
RCRA, TSDF	3/25/19	1.00	No	No Facilities Listed			
RCRA, LQG	3/25/19	0.25	No	Amuneal Manufacturing Corp	<1/8	S	1
RCRA, SQG	3/25/19	0.25	No	Meadow Auto Repair	<1/8	S	2
RCRA, NON-GEN NLR	3/25/19	0.25	No	Bill Galanti Cleaners Accurate Metal Spinning	<1/8 <1/8	NW S	3 3
RCRA, CESQG	3/25/19	0.25	No	Bobs Service Center News Gleaner Publications	<1/8 <1/8	NW SW	4 4
CORRACTS	3/25/19	1.00	No	No Facilities Listed			
SEMS-ARCHIVE	3/11/19	0.50	No	No Facilities Listed			
US AIRS	10/12/16	TP	No	No Facilities Listed			

TP – Target Property

Notes:

1. RCRA, LQG: Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Amuneal Manufacturing Corp has had violations, but is located 625-feet south and hydrologically downgradient of the subject property which makes use of the public water supply. As such, this site does not appear to represent an environmental condition of concern to the subject property at this time.
2. RCRA, SQG: Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Meadow Auto Repair is located approximately 590-feet south and hydrologically cross to downgradient of the subject property which makes use of the public water supply. It has no listed violations. As such, this site does not appear to represent an environmental condition of concern to the subject property at this time.
3. RCRA NON-GEN: These sites are listed in the Federal Database as RCRA non-generators of hazardous waste. These sites are not immediately adjacent to the subject property which makes use of the public water supply and are hydrologically cross to downgradient of the subject property. It has no listed violations. As

such they do not appear to present an environmental condition of concern to the subject property at this time.

- RCRA-CESQG: Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste per month, or less than 1 kg of acutely hazardous waste per month. These sites are not immediately adjacent to the subject property which makes use of the public water supply and are hydrologically cross to downgradient of the subject property. They have no listed violations. As such they do not appear to present an environmental condition of concern to the subject property at this time.

4.2 STATE RECORDS

State Database Search Results Summary							
Database	Date of Listing	Search Radius (miles)	Site Listed	Surrounding Sites within Specified Radius			
				Description	Dist	Dir	Note
PA LUST	12/11/18	0.50	No	Home Unity Fed Savings & loan Amuneal Manufacturing Corp	<1/8 <1/8	NE S	1 1
PA UNREG LTANKS	4/12/02	0.50	No	Meadow II Housing Dev	<1/8	S	2
PA AIRS	12/17/18	0.50	No	Amuneal Manufacturing Corp	<1/8	S	3
PA ARCHIVE UST	12/03/18	0.25	No	Phila United Bank Home Unity Fed Savings & loan Amuneal Mfg	<1/8 <1/8 <1/8	NE NE S	4 4 4
PA ARCHIVE AST	12/03/18	TP	No	Amuneal Manufacturing Corp	<1/8	S	5
EDR HIST AUTO	N/A	0.125	No	Boland George & Jack Haggerty Jos Wilys Knight Service Station Castor Lewis F Co Castor Lewis F Jr	<1/8 <1/8 <1/8 <1/8 <1/8	W NE NW SW SW	6 6 6 6 6
EDR HIST CLEANERS	N/A	0.125	No	Dees Cleaners & Dyer Sing Lee Dandee Cleaners Rex One Hour Cleaners Inc Ogan Yun Cha Galanti William William Lum Sum Clover Cleaners And Dryers	<1/8 <1/8 <1/8 <1/8 <1/8 <1/8 <1/8 <1/8	E NE SW S NW NW SE SW	7 7 7 7 7 7 7 7

TP – Target Property

- PA LUST: These are sites that have had leaking underground storage tanks. Home Unity Fed Savings is situated approximately 245-feet northeast and hydrologically upgradient of the subject property. According to

the database, only soil was impacted by a release of No.2 fuel oil from a UST in 1995. The release was closed out in 1995. The subject property makes use of the public water supply and these sites are not immediately adjacent to the subject property. One site has had a release to soil only that is closed out and the other is hydrologically cross to down gradient of the subject property. These sites do not appear to present an environmental condition of concern to the subject property at this time.

2. PA UNREG LTANKS: Leaking storage tank cases from unregulated storage tanks. This site is not immediately adjacent to the subject property, is hydrologically cross to downgradient of the subject property which makes use of the public water supply. Based on this information, this site does not appear to present an environmental condition of concern to the subject property at this time.
3. PA AIRS: Permit and emissions inventory data. Amuneal Manufacturing Corp is located south of the subject property and hydrologically cross to downgradient of the subject property. This site is not immediately adjacent to the subject property and the subject property makes use of public water supply. Based on this information, this site is not expected to impact the future use of subject property and is therefore not believed to be of further concern at this time.
4. PA ARCHIVE UST: These sites are identified as having tanks which store highly hazardous substances which were removed from the DEP's Storage Tank Information database due to the Departments policy on sensitive information. The closest site is Phila United Bank which had a 6,000-gallon heating oil tank removed in 1995 and has an existing 5,000-gallon one in its place. These sites are not immediately adjacent to the subject property and the subject property makes use of public water supply. Based on this information, these sites are not expected to impact the future use of subject property and are therefore not believed to be of further concern at this time.
5. PA ARCHIVE AST: Archived Aboveground Storage Tank Sites. This site is not immediately adjacent to the subject property which makes use of the public water supply and is hydrologically cross to downgradient of the subject property. Based on this information, this site is not expected to impact the future use of subject property and is therefore not believed to be of further concern at this time.
6. 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 gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. The closest site is Boland George & Jack a former gasoline service station and abutting property to the west and Haggerty Jos an upgradient former auto body shop to the northeast of the subject property. These and the other Hist AUTO listings do not have violations or spills identified in the database, however these are listings for sites that have been closed since at least the 1970's. These two sites present potential environmental conditions of concern to the subject property due to their historic operations. The other sites are hydrologically cross to down gradient, not immediately adjacent to the subject property and have no violations or spills listed. Also the subject property makes use of the public water supply and therefore these sites are not considered a concern to the subject property at this time. RT recommends a Phase II investigation at the subject property in regards to historic operations at the Boland George & Jack and Haggerty Jos sites to determine if potential spills from these sites have impacted the subject property.
7. EDR HIST CLEANERS: The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, Laundromat, cleaning/laundry, wash & dry etc. The closest site is Dees Cleaners & Dryers was located approximately 90-feet east and hydrologically upgradient of the subject property. Sing Lee was a dry cleaners approximately 140-feet north of the subject property. Unlike the other listings these sites are in the vicinity of the subject property and potentially represent environmental conditions of concern to the subject property due to potential spills from historic site operations. The other sites are hydrologically cross to down gradient, not immediately adjacent to the subject property and have no violations or spills listed. Also, the subject property makes use of the public water supply and therefore these sites are not considered a concern to the subject property at this time. RT recommends a Phase II investigation at the subject property in regards to historic operations at Dees Cleaners & Dryers and the Sing Lee site to determine if potential spills from these sites have impacted the subject property.

4.3 ORPHAN SITES

Based on an inspection of the site and surrounding properties and a review of the list; the orphan sites were not recognizable as being near the subject property.

4.4 WELL AND WATER SUPPLY INFORMATION

There are no public water supply wells on the subject or adjacent properties.

4.5 POTENTIAL VAPOR MIGRATION EVALUATION

Based on our review of site operations, there do not appear to be any uncontrolled on-site sources of volatile organic constituents with the potential for vapor migration to site occupants on the subject property at this time. However there are potential spills in the basement which RT recommends further investigation to determine if a release has occurred.

Potential off-site volatile vapor intrusion concerns were noted during completion of this Phase I ESA in association with potential releases associated with former upgradient and/or abutting properties utilized as auto body shops, gasoline service stations and dry cleaners as identified on the Sanborn Maps. RT recommends a Phase II to determine if these historic operations have potentially impacted the subsurface quality of the site.

5.0 SITE RECONNAISSANCE

An RT representative conducted an inspection of the facility to identify any potential environmental concerns at the subject property. Qualifications of RT personnel involved in this Phase I assessment are included in **Appendix 7**. A summary of the site inspection findings are presented below. Site photographs are presented in **Appendix 8**.

INSPECTION REPORT

Inspector: Christian Alarie

Date of Inspection: May 16, 2019

Findings:

- YES NO **Drums / Barrels / Containers:** Approximately 15 chemical containers were identified in the basement of the building. These ranged in size from one liter to 5-gallons and contained paints, thinners, floor sealant, and other chemicals. Small propane cylinders were also observed on the floor in the basement and larger liquid carbon dioxide cylinders are located on the 2nd floor of the building. The containers are stored on the concrete floor in the basement, which appeared to be in good shape with only one deminimis paint spill. These chemicals are reportedly not slated for future use. RT recommends removal and appropriate disposal of all chemicals and containers to prevent future spills.
- YES NO **Waste Materials / Piles:** Locations of the basement (including in water laden areas), the 1st and 2nd floors and exterior portions of the subject property contain trash, wood, demolition debris (i.e. bricks and concrete), various containers, metallic items, trash in bags, sheetrock (or foam insulation), discarded household items, wires, hoses, small piles of debris and so on. RT recommends appropriate management of these materials.
- YES NO **Construction / Demolition Debris:** see waste materials / piles.
- YES NO Discolored Soil:

- YES NO **Odors:** Moldy odors were observed in the building, but were most prominent in the basement of the building, where there is a leaking pipe and water intrusion across the majority of the floor. RT recommends repairing the leaking pipe and disposing of moldy materials as part of planned redevelopment activities.
- YES NO Leachate Seeps:
- YES NO Discolored Surface Water:
- YES NO **Unnatural Soil / Fill:** Fill material is present in the yard area. RT recommends soil sampling as part of a Phase II investigation.
- YES NO Ash / Blackened Areas:
- YES NO AST (type, size, contents, construction material, age, security, condition, spill control, spill evidence, etc.):
- YES NO USTs (type, size, contents, construction material, age, security, spill control, spill evidence, etc.):
- YES NO Process Tanks:
- YES NO Manholes / Catchbasins / Floor Drains / Fill Pipes:
- YES NO **Stressed Vegetation:** Sections of stressed vegetation are present in the grassy yard area of the subject property. It appears that this was a former parking/paved area, and has potentially had various items stored in the yard that have contributed to the present condition of the vegetation. RT recommends a Phase II to determine if subsurface soils have been impacted by prior operations.
- YES NO Wells:
- YES NO Springs / Seeps / Wetlands:
- YES NO Ponds / Lakes / Streams:

YES NO Pits / Ponds / Lagoons (size, construction, purpose/contents, lined/unlined, leaks):

YES NO Disposal Areas (size, location, materials, etc.):

YES NO **Chemical Transfer Points (locations, chemicals, paved/unpaved, spills):** potential spill areas were observed near the base of the stairs, at a small broken concrete area along the interior sidewall, and a larger wet (seemingly greasy) area in the western section of the basement. There was no lighting in the basement or knowledgeable party present to review existing conditions. As such, the basement was investigated by flashlight with several visible water stained areas across the floor. In general, the concrete floor was in good condition, except in a few areas. RT recommends a Phase II investigation beneath the basement floor to determine if subsurface soils have been impacted in the area of staining.

YES NO **Potential Asbestos Containing Materials (ACMs):** Based on the age of the building and its present condition, ACM may be present in the building. RT recommends that the potential for ACM be taken into account as part of planned future site activities.

YES NO Transformers:

YES NO **Potential Lead-Based Paint (LBP):** Based on the age of the building and the present condition, LBP may be present in the building. RT recommends that the potential for LBP be taken into account as part of planned future site activities.

YES NO Fluorescent Lights (bulbs / ballasts potentially mercury / PCB containing):

YES NO Past Utilities (oil heat - AST, UST; coal heat; private water supply well; on-site septic system):

YES NO Superfund Activity and/or Notice Letters:

YES NO **Hydraulic Lifts, Elevators or Loading Dock Levelers:** An elevator was previously located in the western section of the building. This area of the basement has a lot of trash, wood, debris, wet moldy materials and is also close to the furnace room and water lines for the building. There was no obvious evidence of oil spills or petroleum odors in this general area,

however there is a significant amount of trash. RT recommends appropriate disposal of trash, debris and waste materials from this area.

YES NO

Moisture Damaged Building Materials, Floods, Sewage Spills or Backups, Roof Leaks or Indoor Air Quality Complaints: A leaking pipe, moisture laden materials and potential mold (and moldy odors) are present in the basement of the building and roof leaks with ceiling and floor damage were observed on the 2nd floor of the building. RT recommends repairing the leaking pipe and disposing of moldy materials as part of planned redevelopment activities.

6.0 POTENTIAL ASBESTOS CONTAINING MATERIALS

RT conducted a preliminary inspection to identify potential asbestos containing materials (ACMs) in easily accessible areas of the subject properties structures in conjunction with the site reconnaissance described in Section 5.0. Note that this inspection is **not** a formal, comprehensive ACM Survey, but rather an initial inspection to identify obvious potential ACMs in easily accessible areas of the subject property. In-depth ACM surveys are recommended for all properties where buildings were built before 1978 and where renovation and/or demolition are planned.

- RT recommends that the potential for ACM be taken into account as part of planned future site activities.

7.0 EXCAVATED MATERIALS / SOIL TESTING

If materials are planned to be excavated at the site, testing is recommended to determine whether or not excavated materials meet applicable State Criteria and Limits. RT recommends that no materials be moved offsite, or redeposited onsite, unless it is confirmed that constituents of concern in soils meet the applicable limits. RT recommends pre-planning and appropriate further due diligence and testing work, prior to initiating any excavation.

8.0 CONCLUSIONS AND RECOMMENDATIONS

RT was retained by Nana's Daycare LLC to perform a Phase I Environmental Site Assessment (ESA) for the property located at 4721-51 Oxford Avenue, Philadelphia County, Philadelphia, Pennsylvania, 19124. The subject property is approximately 0.27 acres in size and is improved with a 2-story building with a basement and a yard area (north of the building). The property building comprises approximately 11,460 ft². Operations are not currently occurring at the site and the interior of the building was demolished in November 2017 in anticipation of redevelopment of the property into a daycare facility. The existing building was constructed in 1934.

Data Gaps/Scope Limitations

- A deed and title search was conducted for the property. There is a break in the chain of title in the 1965 deed. Therefore, the scope of this assessment is limited with respect to historical ownership. However, Sanborn Fire Insurance Maps and aerial photographs were obtained for the subject property extending back to 1920 and 1940, respectively. Therefore, it is RT's opinion that the break in the chain of title is not a significant scope limitation.

RT has performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 (the EPA All Appropriate Inquiry rule) for the site located at 4721-51 Oxford Avenue, Philadelphia County, Philadelphia, Pennsylvania, 19124. Any exceptions to, or deletions from, this practice are described in the Executive Summary of this report. This assessment has revealed the following recognized environmental conditions (RECs) in connection with the property:

Recognized Environmental Conditions (RECs)

- Potential off-site volatile vapor intrusion concerns were noted during completion of this Phase I ESA in association with potential releases associated with former upgradient

and/or abutting properties utilized as auto body shops, gasoline service stations and dry cleaners as identified on the Sanborn Maps and in the EDR report (i.e. Boland George & Jack, Haggerty Jos, Dees Cleaners & Dryers and Sing Lee dry cleaners). RT recommends a Phase II to determine if these historic off-site operations have impacted the subsurface quality of the site.

- Sections of stressed vegetation are present in the grassy yard area of the subject property. It appears that this was a former parking/paved area, and has potentially had various items stored in the yard that have contributed to the present condition of the vegetation. RT recommends a Phase II to determine if subsurface soils have been impacted by prior operations.
- Potential spill areas were observed near the base of the stairs, at a small broken concrete area along the interior sidewall, and a larger wet (seemingly greasy) area in the western section of the basement. There was no lighting in the basement or knowledgeable party present to review existing conditions. As such, the basement was investigated by flashlight with several visible water stained areas across the floor. In general, the concrete floor was in good condition, except in a few areas. RT recommends a Phase II investigation beneath the basement floor to determine if subsurface soils have been impacted in the area of staining.

Historic RECs

- There are currently no Historic RECs on the subject property.

Controlled RECs

- There are currently no controlled RECs on the subject property.

Non-ASTM Scope Issues

- Approximately 15 chemical containers were identified in the basement of the building. These ranged in size from one liter to 5-gallons and contained paints, thinners, floor sealant, and other chemicals. Small propane cylinders were also observed on the floor in the basement and larger liquid carbon dioxide cylinders are located on the 2nd floor of the building. The containers are stored on the concrete floor in the basement, which appeared to be in good shape with only one deminimis paint spill. These chemicals are reportedly not slated for future use. RT recommends removal and appropriate disposal of all chemicals and containers to prevent spills.
- Locations of the basement (including in water laden areas, near the elevator and furnace room), the 1st and 2nd floors and exterior portions of the subject property contain trash, wood, demolition debris (i.e. bricks and concrete), various containers, metallic items, trash in bags, sheetrock (or foam insulation), discarded household items, wires, hoses, small piles of debris and so on. RT recommends appropriate management of these materials.
- A leaking pipe, moisture laden materials and potential mold (and moldy odors) are present in the basement of the building and roof leaks with ceiling and floor damage were observed on the 2nd floor of the building. RT recommends repairing the leaking pipe and disposing of moldy materials as part of planned redevelopment activities.
- Based on the age of the building and its present condition, ACM may be present in the building. RT recommends that the potential for ACM be taken into account as part of planned future site activities.
- Based on the age of the building and the present condition, LBP may be present in the building. RT recommends that the potential for LBP be taken into account as part of planned future site activities.

RT will make further recommendations on potential site environmental liabilities upon completion of the Phase II work discussed herein.

RT appreciated this opportunity to be of service to Nana's Daycare LLC on this project. Please contact me if you have any questions regarding this project.



Christian Alarie, LRS
Environmental Professional



Walter H. Hungarter, III
Vice President

LIMITATIONS

This report is prepared for the use of RT's clients and environmental regulatory agencies, if any, to whom this report is submitted, who have an interest in the report's content. The report is furnished under the Terms and Conditions of our Proposal or other Agreement for this assignment.

This environmental site assessment was conducted in areas which were readily accessible using common engineering practices existing at the time this assessment is performed. Information furnished to RT is taken as true and correct; we are not responsible if inaccurate information is furnished by others.

There is no warranty or guarantee either expressed or implied that the site is free of contamination or that only the contamination, pollutants, toxins and hazardous substances as identified herein exist at this site or surrounding areas. Use of this report by other parties who are not designated beneficiaries under our proposal or other Agreement for this assignment, without our express written permission, is not authorized and is prohibited.

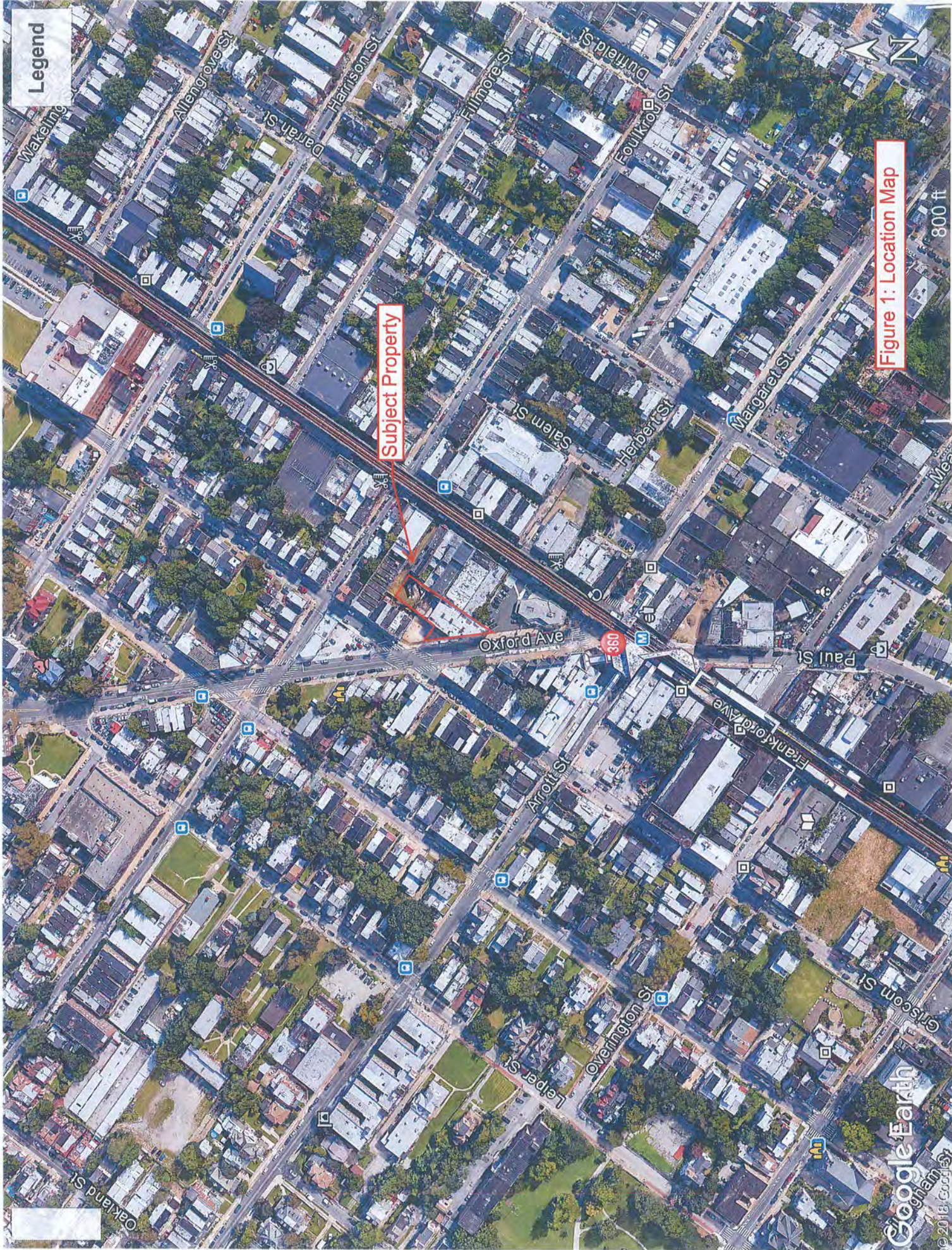
Unless expressly included in the RT Phase I report, the following are ASTM E1527-13 non-scope considerations not included in the Phase I scope:

- asbestos containing materials
- lead based paint
- lead in drinking water
- radon
- cultural and historical risks
- wetlands
- industrial hygiene
- regulatory compliance
- health and safety
- indoor air quality
- high voltage power lines
- ecological resources
- endangered species

This is in accordance with the current ASTM Standard for Phase I Environmental Site Assessments. Inquiry into these Phase I non-scope areas can be conducted as an addition to the Phase I scope.

FIGURES

FIGURE 1
SITE LOCATION MAP



Legend

Figure 1: Location Map

Subject Property

800 ft

Google Earth

© 2018 Google

FIGURE 2

TAX MAP

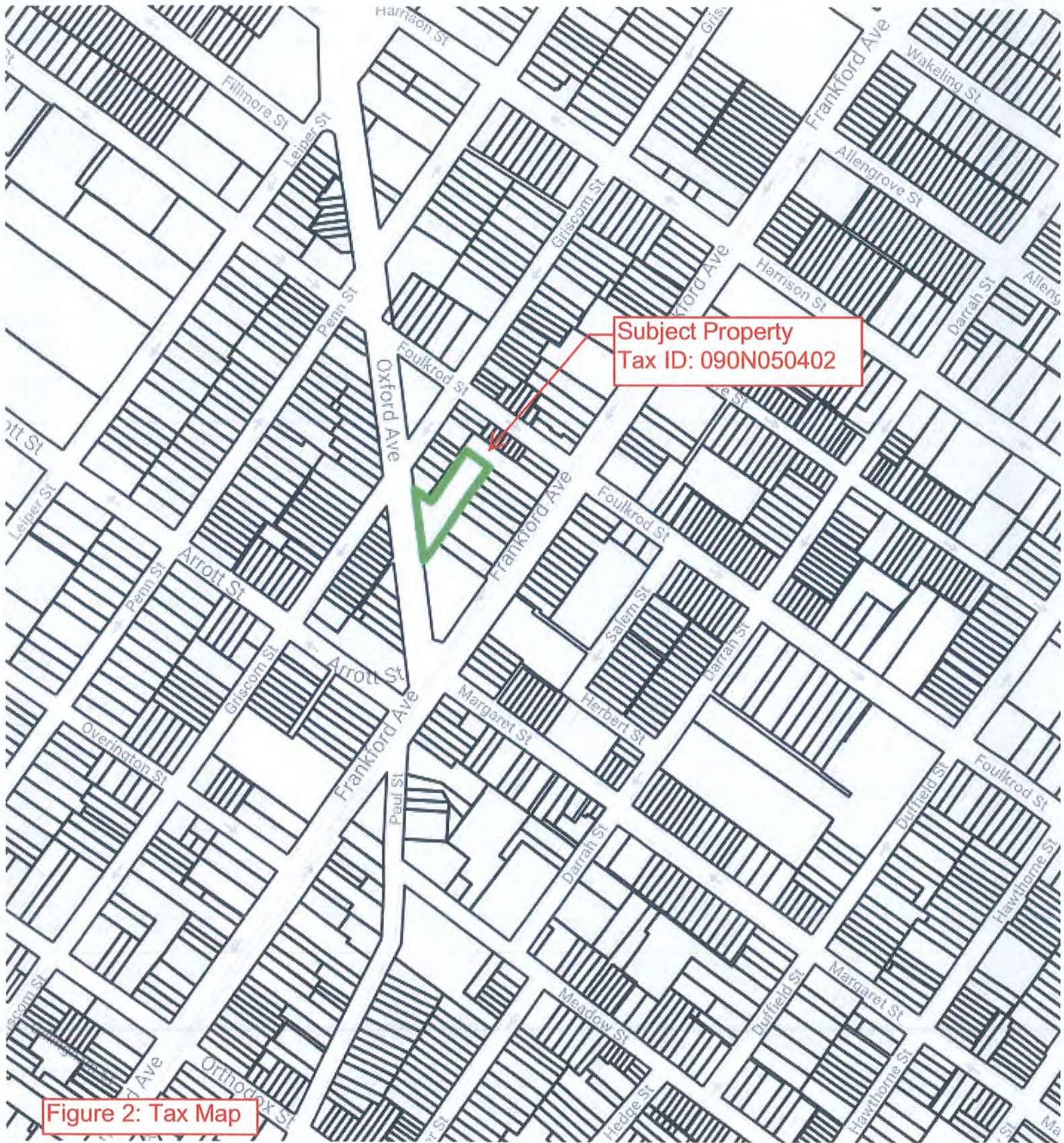


Figure 2: Tax Map

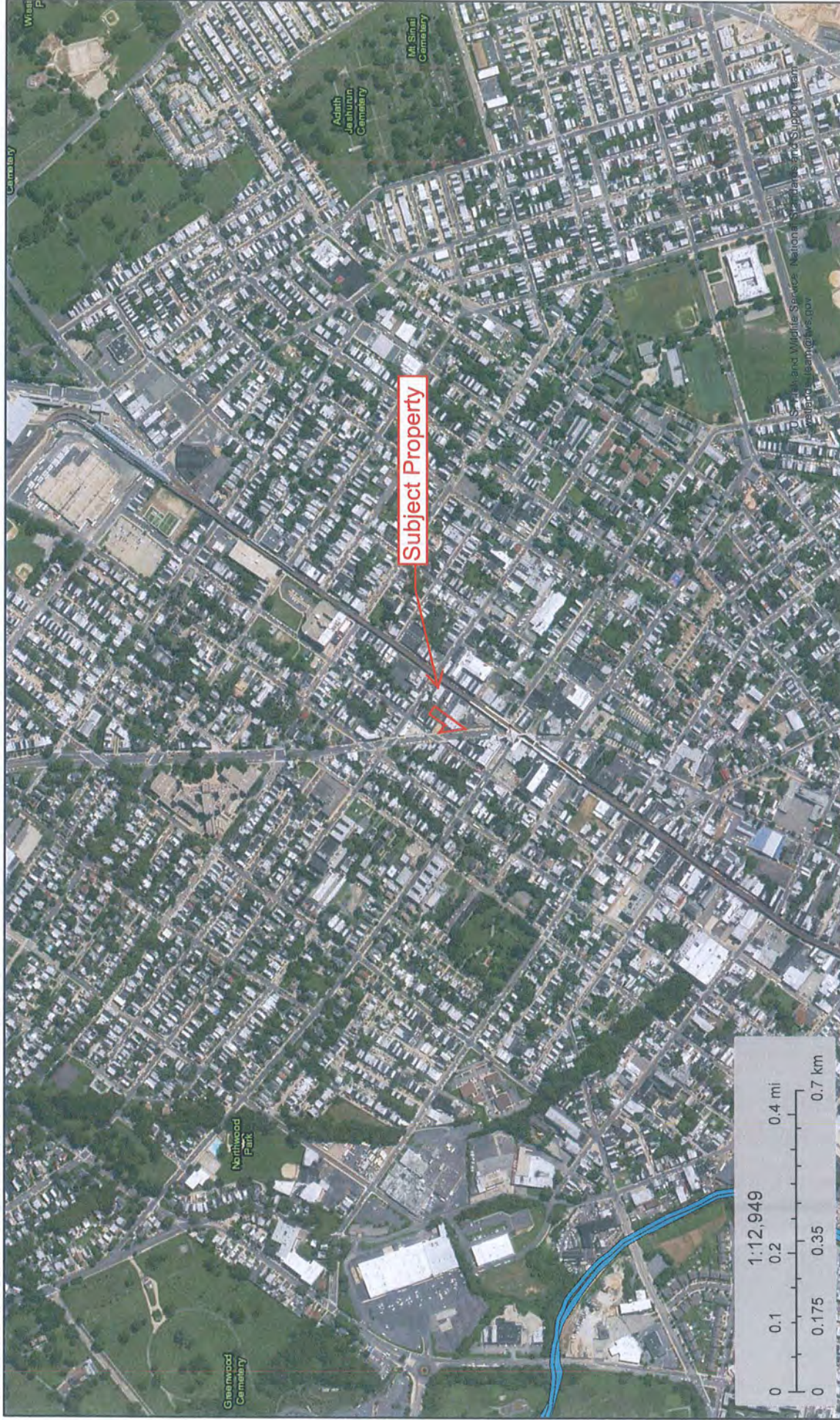
FIGURE 3
WETLANDS MAP



U.S. Fish and Wildlife Service

National Wetlands Inventory

Wetlands



This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

May 16, 2019

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

Figure 3: wetland map

FIGURE 4
FLOOD MAP

National Flood Hazard Layer FIRMette



40°11'17.50"N

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

Legend

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE)
Zone A, V, A99
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard. Area of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone A?*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS

- Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone*

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- Cross Sections with 1% Annual Chance Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS

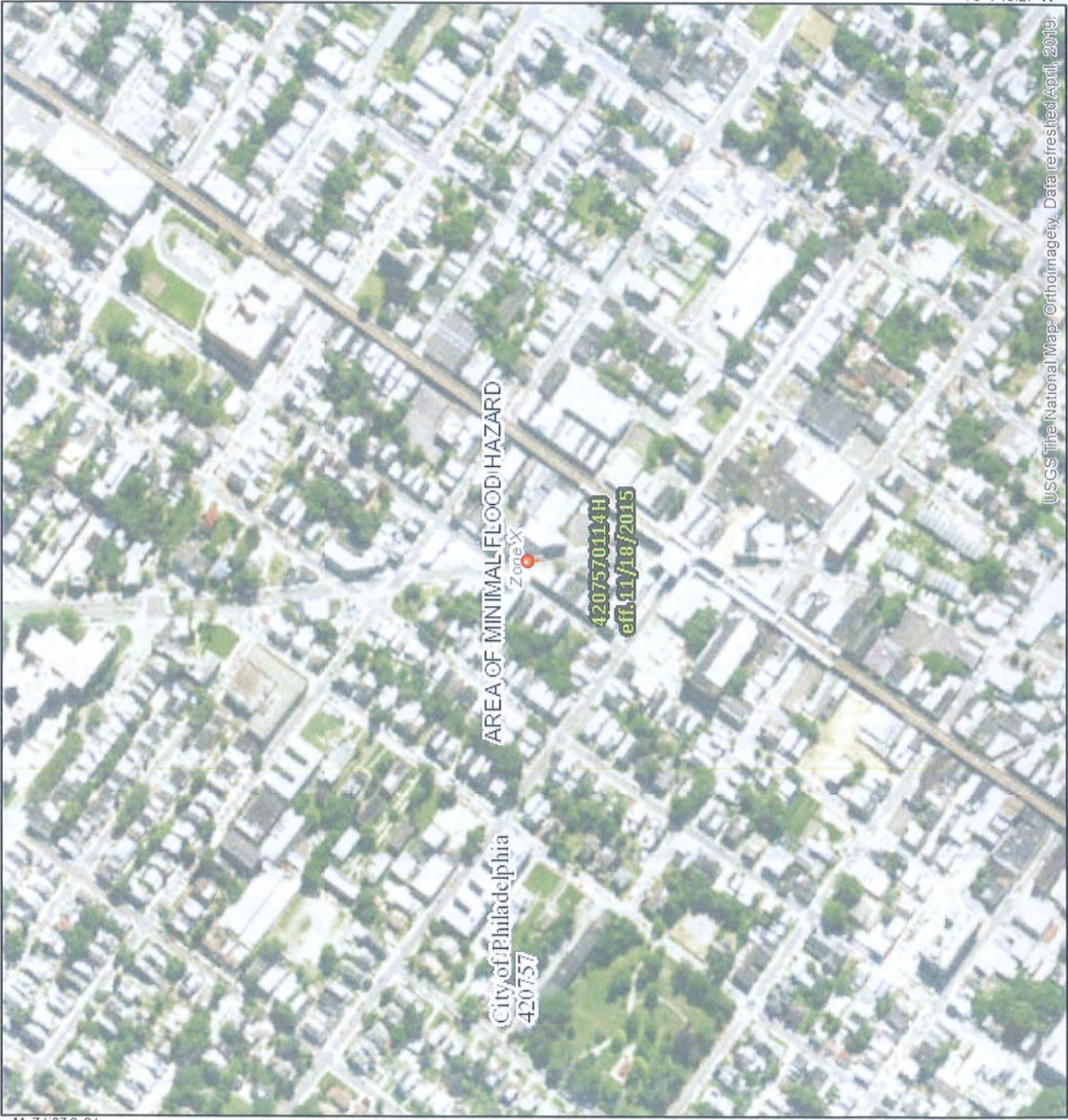
- Digital Data Available
- No Digital Data Available
- Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **5/16/2019 at 2:45:15 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



USGS The National Map: Orthoimagery. Data refreshed April, 2019.



Figure 4: flood rate map

APPENDICES

APPENDIX 1
PROPOSAL

RT Environmental Services, Inc.

May 2, 2019

Mr. Cedric Allen
Nana's Daycare LLC
4721-51 Oxford Avenue
Philadelphia, PA 19124
215-582-2701
EMAIL: ceorules@gmail.com

**RE: PHASE I ENVIRONMENTAL SITE ASSESSMENT
4721-51 OXFORD AVENUE
PHILADELPHIA, PA 19124
RT PROPOSAL # 19-0238**

Dear Mr. Allen:

RT Environmental Services, Inc. (RT) is pleased to submit this proposal for a Phase 1 Environmental Site Assessment to be conducted at the above referenced site. RT understands that the site consists of several lots and is improved with an approximate 9,000 SF building. The building is to be renovated for a daycare use. The purpose of this assessment is to identify any potential environmental concerns which may affect the properties.

Our scope of work will include a site visit and inspection for the purpose of initial identification of current environmental conditions of the property. During the visit, we will conduct an interview to confirm, to the extent possible, past and present facility uses or practices which may impact upon current environmental conditions. We will also check, via electronic database, regulatory agencies' records to investigate the property's past environmental regulatory history (if any) and review commercial/industrial uses of record.

Our assessment will include the following items, where applicable and reasonably available:

- A. Site inspection;
- B. Identification of present and past uses of site; to 1940 or the first developed use, whichever is earlier;
- C. Identification of present and past uses of surrounding areas;
- D. Interviews with present and past employees (if available) and other knowledgeable individuals; in particular the "most knowledgeable person" and/or "key site manager" who have first-hand familiarity with the site for a minimum of ten years; where there is more than one occupant, we will interview a representative of each occupant;
- E. Current and historic photographs and site plans.
- F. Material usage records and disposal practices pursuant to RCRA, CERCLA, etc.;
- G. Records of federal, state, and local environmental and other regulatory agencies;



215 West Church Road ■ King of Prussia, PA 19406 ■ (610) 265-1510 ■ Fax (610) 265-0687
E-Mail RTENV@AOL.COM ■ Web Address <http://www.RTENV.COM>

Mr. Cedric Allen
May 6, 2019
RT Proposal #19-0238
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1. Discharge and other types of environmental permits
2. Permits for storage tank
3. Permits relating to hazardous materials or wastes
4. Other applicable permits
5. Compliance inspections
6. Notice of violations, enforcement actions, etc.
7. Reported spills or releases
8. Deed Notices and/or activity and Use Limitations

H. Known or suspected contaminated sites in vicinity;

I. Building department and Zoning/Land Use records.

We will review practically reviewable information which is reasonably ascertainable, and provide an environmental professional declaration and signoff with the report. The survey will be completed according to ASTM standards and guidance, 1527-13 issue (AAI rule). Any report limitations will be described.

We propose to present our assessment findings in a report which will detail any areas of potential concern, identify any remaining data gaps, and provide recommendations for any additional investigations or other due diligence work, if appropriate. We will identify any current or historic areas of Recognized Environmental Concern.

To conduct the above scope of services (Phase 1), we propose a fee of \$2,485. If file reviews are required, RT will furnish them at an additional cost. We will obtain your approval for the additional cost involved before proceeding. We will complete this report in accordance with the RT General Terms and conditions, attached hereto. The fee is lump sum, due upon presentation of the invoice. Payment must be received before the report is issued. RT can begin this work upon your authorization and we anticipate being able to produce a report within 10 business days of authorization.

We appreciate the opportunity to be considered by you for this assignment. Please call with any questions or to schedule the site inspection.

Respectfully submitted,

RT ENVIRONMENTAL SERVICES, INC.



Walter H. Hungarter, III
Vice President

Mr. Cedric Allen
May 6, 2019
RT Proposal #19-0238
Page 3

P.S. Please sign below and return a copy of this proposal to act as your authorization.

Joanna McClain-Allen 5-10-19
Authorized By Date

Please indicate your preferred report delivery option here:

E-Mail (Your E-Mail Address ceorules@gmail.com)
 Fax (Report text only)
 Overnight Courier
 U.S. Mail

Check here if you would like to see a draft report first.

Invoice/Billing Information

Name: Joanna McClain-Allen company: Nana's Daycare LLC.
Billing Address: P.O. Box 19521 Phila, Pa 19124
Phone Number: 215-582-2761 Email: ceorules@gmail.com

PHASE I INFORMATION SHEET

Our ability to provide the best service to you in completing a Phase I Environmental Survey depends on our ability to confirm the exact property and to interview the person most knowledgeable about the site and/or the activities or operations conducted at the site.

Location

If you have a deed description available, please send it to us, or if you know the parcel number (lot, block, tax map number), please fill in below:

Lot and Block or Tax Map and Parcel Number*

Site Contact

This individual should possess a minimum of ten years= first-hand knowledge of the site. The person most knowledgeable about site, activities, and/or operation is:

Name: Cedric Allen

Address: 10 Westover Woods Drive
Newark, DE 19702

Phone: 215-582-2701 Fax: 215-533-5388

*For multiple parcel sites, please send a list of parcels, a map of the parcels, or if available, a copy of an appraisal report.

Previous Phase I ESAs

We recommend that you furnish RT with copies of any previous Phase I/2/3 Environmental Site Assessment work completed on the subject property (or any on surrounding properties that you are aware of).

Title Report

Some Title Reports contain a description of environmental restrictions. Please furnish us a copy of the complete title report, otherwise, you should review the report prior to the real estate transaction or mortgage decision for any indication of environmental restrictions therein.

Purchase Price

Please furnish:

- Purchase Price \$ _____
- Estimated Fair Market Value \$ _____

Please also furnish the following documents regarding the subject property:

- Environment site assessment *reports*,
- Environment compliance audit *reports*,
- Environmental permits (for example solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, *underground injection* permits)
- Registrations for underground and above-ground storage tanks,
- Registrations for *underground injection* systems,
- *Material safety data sheets*,
- Community right-to-know plan,
- Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans; etc.,
- *Reports* regarding hydrogeologic conditions on the *property* or surrounding area,
- Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the *property* or relating to *environmental liens* encumbering the *property*,
- *Hazardous waste* generator notices or *reports*,
- Geotechnical studies,
- Risk assessments, and
- Recorded AULs.
- *Proceedings Involving the Property* – Prior to the *site visit*, the *property owner*, *key site manager* (if any is identified), and *user* (if different from the *property owner*) shall be asked whether they know of: (1) any pending, threatened, or past litigation relevant to *hazardous substances* or *petroleum products* in, on, or from the *property*; (2) any pending, threatened, or past administrative proceedings relevant to *hazardous substances* or *petroleum products* in, on or from the *property*; and possible violation of environmental laws or possible liability relating to *hazardous substances* or *petroleum products*.

Should any of the above documents not be furnished to us, we will not be responsible for information in such documents which describes environmental conditions which are otherwise unknown.

RT Environmental Services, Inc. General Terms and Conditions

- 1. Time Limit on Proposal.** The attached proposal is valid for thirty (30) days after which it may be adjusted to reflect changes in cost, scope, schedule and workload.
- 2. Payment Terms.** Invoices will be submitted every four (4) weeks and are due and payable upon receipt. Unpaid balances are subject to monthly interest charges of one and one-half percent (1.5%) per month on the outstanding balance over thirty (30) days. In the event that the Company pursues the Client for collection of amounts outstanding for more than thirty (30) days, Client shall be responsible for the Company's costs and expenses, including, but not limited to, reasonable attorney's fees of 35%, court costs, late fees, and interest. Such fees shall apply whether or not an action has been instituted and apply in the event of any other material breach of any proposal or these terms and conditions. Services may be suspended without liability with seven (7) days written notice for nonpayment and not be resumed until the Client's account is paid in full, including interest and collection charges.
- 3. Additional Fees.** Proposed fees in the attached proposal constitute RT's estimate of the labor and expenses anticipated to be incurred for the work as defined by the Client. Certain projects, including hydrogeological work, remedial design and concept work are not fully definable at the onset of the project. Should facts develop which indicate a change in scope, RT will notify the Client and negotiate an equitable decrease or increase in project level of effort and cost. Should the Client approve (by writing, email, or verbally) RT to continue with the services being rendered, when the scope is being expanded or redefined, RT will invoice for such services at standard hourly rates. A copy of RT's standard hourly rates is available upon request. Client delays, changed schedule commitments, failure to provide access or information, delays caused by unpredictable occurrence or natural causes, labor, service or material shortages or stoppages, riots, or acts or regulations of government agencies shall be valid reasons for a change in scope beyond that outlined. Permit application and regulatory fees and charges are not included in the proposal unless expressly indicated and may be charged separately.
- 4. Disposal Fees.** Where drilling/exploration activities are conducted, the cost of disposing of contaminated drill cuttings or fluids is not included. Once such materials are generated, if such materials are deemed to be potentially contaminated, RT will make appropriate recommendations for sampling, analysis and managing such materials and obtain Client approval for any costs associated with managing the materials before proceeding. Unless agreed in writing by an officer of the firm, Client is fully responsible for on-time payment regardless of regulatory actions, inactions, or permit activity or inactivity.
- 5. Termination.** Termination by the Client shall be effective five (5) days after receipt of written notice by an Officer of RT. A final invoice will be submitted within thirty (30) days, unless all charges from subcontractors or suppliers have not been received and posted. Either party may terminate this agreement if the other party fails to fulfill the agreement through no fault of the terminating party. The final invoice will be based on the percentage of work completed or on labor and materials expended at RT's discretion. Where expense commitments have been made which become firm before termination, an adjustment shall be made at RT's sole discretion, including reasonable allowance for RT's profit. If payment in full for the proposal amount (and any adjustments) has not been made then Client shall have no right to use, assign, sell, or otherwise benefit any reports created by RT and shall destroy all such copies retained by Client.
- 6. Subsurface Disclaimer.** With respect to subsurface investigation work undertaken to determine the location of pipelines, tanks, or other objects, there is no guarantee that targets will be located due to the inherent limitations of such work. Limitations including placement of various media, around and proximal to targets, nearby fences, embedments or partial crushing which may preclude or interfere with finding such targets. Ground penetrating radar is typically only accurate to a three foot depth, fencing can cause interference and obstacles or concrete can limit the depth of GPR accuracy. Accordingly, RT does not guarantee that underground targets will be successfully located and/or identified, and Client holds RT harmless, should such targets not be identified.
- 7. Representations and Warranties.** RT will perform work as the professional consultant to the Client and will provide advice, consultation and services similar to other professional consultants acting under similar circumstances with the same information. The Services are provided to Client on an "as is," "with all faults" basis. EXCEPT AS MAY BE (AND ONLY TO THE EXTENT OF) EXPRESSLY STATED IN A WRITTEN SIGNED PROPOSAL, RT DISCLAIMS ANY AND ALL PROMISES, REPRESENTATIONS, AND WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE SERVICES. RT HEREBY EXPRESSLY DISCLAIMS ALL STATUTORY, EXPRESS AND IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY, ANY IMPLIED WARRANTY OF FITNESS FOR ANY PARTICULAR USE OR PURPOSE. EXCEPT AS SET FORTH HEREIN, RT FURTHER DISCLAIMS ANY AND ALL PROMISES, REPRESENTATIONS, AND WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE NATURE AND QUALITY OF ANY OTHER PERFORMANCE BY RT HEREUNDER. In no event shall RT be liable for any preexisting environmental conditions at any site at which RT is performing work under this proposal and Client shall defend, indemnify, and hold harmless RT and its Officers for any such liability. Client shall provide adequate insurance for its employees and shall indemnify RT from any and all claims and losses resulting from bodily injury or loss of life to workers employed or separately contracted for by the Client who are engaged in any work in common areas with RT's project work. Work is for the benefit of the Client only and there are no third party beneficiaries unless agreed to in writing by RT.
- 8. RT Role/Utilities.** Where RT is engaged to inspect or oversee work to determine its conformance with plans and/or specifications, Client warrants and agrees that RT is not acting in the capacity of construction manager. Client warrants and holds harmless RT from any claims or liability wherein it is alleged that RT is acting as construction manager on the project. Where excavation area utility notices are placed, RT will follow the prevailing state program regarding utility markout. Client must inform RT of any known utilities prior to the start of the work. Client will be responsible for any additional protection for or repairs needed to unmarked utilities encountered or damaged during the work.
- 9. Limitation of Liability.** In the event liability is found on the part of RT, regardless of legal theory or how such damages arise, pursuant to any proposal, its liability for any damage caused to and proven by the Client shall be limited to that covered by insurance. Client shall defend, indemnify, and hold harmless RT and its Officers for liability above that amount. The foregoing limitation of liability reflects deliberate and bargained for allocation of risks. In no event shall Company be liable for any incidental, special, punitive, or consequential damages or losses of any kind arising under or in connection with this Agreement, regardless of legal theory, including, but not limited to, any such damages or losses resulting from business interruption or lost profits. In any event, RT cannot be held liable for any damage caused by or due to the intervention of Client or third parties. Neither party can be held liable for damage caused directly or indirectly by force majeure.

10. Indemnification. Client agrees, to the fullest extent permitted by law, to defend, indemnify, and hold harmless RT, its officers, directors, employees, attorneys, agents, and subcontractors against any claims by third parties including all damages, liabilities or costs including reasonable attorneys' fees and defense costs, arising out of or in any way connected with the services performed hereunder or pursuant to any proposal or the performance by any of the parties above named of the services under this, or any, proposal, excepting only those damages, liabilities or costs attributable to the intentional acts of or gross negligence by RT.
11. Access to Property. If Client is not the owner of the property on which the work under this contract, including any amendments, is to be performed, Client warrants to RT that Client has obtained permission from the property owner(s) for RT and its subcontractors to have access to the property to perform the scope of work in this proposal, or as subsequently amended in writing. Client defends and saves harmless RT and agrees to defend RT from any claims that access permission was not granted for the work. With respect to any work on an adjacent parcel or parcels, RT will cooperate with Client, at additional cost, to obtain required access approval for the conduct of such work, or, shall document refusal should such occur. However, it shall be Client's obligation to provide necessary access to such properties and adjacent parcels. In no event shall RT or its subcontractors be held responsible for damages of any kind resulting from a failure to obtain access to the subject property, or adjacent parcels, where access approval is beyond RT's control. Client shall indemnify, defend and hold harmless RT and its subcontractors from any and all claims, actions or liabilities arising out of claims that access by RT or its subcontractors was unauthorized.
12. The Client is responsible for any and all government payments or fees. Unless specifically agreed to in writing by RT Environmental Services, Inc., RT is held harmless and has no liability for penalties or fees associated with missed regulatory or mandatory deadlines; some deadlines are subject to extension and/or change. At certain sites where it is known that, regulatory and statutory deadlines cannot be met, due to the extent of impacts at the site. RT will make reasonable efforts to notify its Clients of deadlines, when conditions related to not meeting a deadline are evident.
13. Publication. Unless requested otherwise, Client grants RT the authority to use Client's name and a description of the project as a reference to other Clients or in marketing materials.
14. Waste Disposal. Where Client requests RT to assist with managing waste, Client agrees that RT is not the owner of the waste(s) and shall defend, indemnify and hold RT harmless for any costs incurred in defending and paying for any action where it is alleged that RT is the owner of waste(s) or has arranged for the disposal of waste. RT will recommend and provide due diligence on the proposed disposal sites, if requested by Client.
15. Conflict in Terms. Express terms of the proposal take precedence over these Terms and Conditions in the event of an explicit conflict. Client Purchase Order Terms and Conditions are inapplicable where they conflict with the Proposal or these Terms and Conditions, unless such Terms and Conditions are stated on the face of the Purchase Order and an RT Officer authorizes and accepts modification to these Terms and Conditions, in writing. Neither performance of the work nor written acknowledgment of Purchase Order receipt are considered acceptance of Terms and Conditions contrary to those herein. These terms and conditions shall apply to any future proposals and/or work with Client unless replaced by an updated terms and conditions.
16. Time and Material. Where the method of payment is on a time and materials basis, charges applicable in our rate sheet will apply; this is available on request. Invoices will show labor and expense categories and charges, not actual documentation. Actual documentation, if requested by Client, shall be furnished at an additional administrative labor charge as required to compile the documentation.
17. Telephone Charges. Incidental telephone communication charges will be billed at 2 1/2% of labor costs, which will cover all normal local and long distance calls. Outside network conference calls will be billed at RT's cost, plus the customary 10% markup on such expense.
18. Governing Law and Jurisdiction. This Agreement shall be governed by and construed in accordance with the laws of the Commonwealth of Pennsylvania without giving effect to the principles of conflicts of law thereof. Any dispute hereunder shall be adjudicated exclusively in the state or federal courts in Pennsylvania in Montgomery County, and each party consents to personal jurisdiction and venue therein.
19. Entire Agreement. This Agreement (and any executed proposal) constitutes the complete and exclusive statement of all mutual understandings between the parties with respect to the subject matter hereof, superseding all prior or contemporaneous proposals, communications, representations, and understandings, whether oral or written. This Agreement shall govern all proposals executed contemporaneously with or after this Agreement.
20. Severability. If any term or provision of this Agreement is found by a court of competent jurisdiction to be invalid, illegal or otherwise unenforceable, the same shall not affect the other terms or provisions hereof or the whole of this Agreement, but such term or provision shall be deemed modified to the extent necessary in the court's opinion to render such term or provision enforceable, and the rights and obligations of the parties shall be construed and enforced accordingly, preserving to the fullest permissible extent the intent and agreements of the parties herein set forth.
21. Legal Counsel; Mutual Drafting. Each party recognizes that the proposal and these terms and conditions are a legally binding contract and acknowledges and agrees that they have had the opportunity to consult with legal counsel of their choice. Each party has cooperated in the drafting, negotiation and preparation of the proposal and general terms and conditions. In any construction or interpretation to be made of these documents, the same shall not be construed against either party on the basis of that party being the drafter of such language. Each party agrees and acknowledges that it has read and understands the proposal and these general terms and conditions and its obligations thereunder, is entering into it freely and voluntarily, and has been advised to seek counsel prior to entering into them and has had ample opportunity to do so.

APPENDIX 2

DEED

Prepared by and Return to:

First Platinum Abstract, LLC
2416 Bristol Road
Bensalem, PA 19020
215-741-2000

File No. 16864-FPA

BRT # 882930020

This Indenture, made the 21st day of November, 2014,

Between

ZEEKY CORPORATION, A PENNSYLVANIA CORPORATION

(hereinafter called the Grantor), of the one part, and

NANA'S DAYCARE LLC

(hereinafter called the Grantee), of the other part,

Witnesseth, that the said Grantor for and in consideration of the sum of **Three Hundred Fifty Thousand And 00/100 Dollars (\$350,000.00)** lawful money of the United States of America, unto it well and truly paid by the said Grantee, at or before the sealing and delivery hereof, the receipt whereof is hereby acknowledged, has granted, bargained and sold, released and confirmed, and by these presents does grant, bargain and sell, release and confirm unto the said Grantee

Street Address: **4721-29 Oxford Avenue, assessed as 4721-41 Oxford Avenue, Philadelphia, PA 19124**

ALL THAT CERTAIN lot or piece of ground with the buildings and improvements thereon erected.

SITUATE in the Twenty-third ward of the City of Philadelphia.

BEGINNING at a point on the Easterly side of Oxford Avenue (Sixty feet wide) at the distance of One Hundred Eighty-five feet three and one-eighth inches Northwest of the Northwest side of Frankford Avenue (sixty-feet wide); thence extending North Four degrees, fifty-two minutes fifty-two seconds West along the Easterly side of Oxford Avenue a distance of One Hundred Forty-one feet seven and three-fourths inches to a point; thence extending South Fifty-two degrees, fifty-three minutes, Forty-five seconds East the distance of Forty feet three-quarters of an inch to a point; thence extending North Thirty-seven degrees, six minutes, fifteen seconds East and partly passing through the center of a certain thirteen inch party wall, the distance of Thirty-one feet seven and one-half inches to a point; thence extending South Fifty-two degrees, fifty-three minutes, forty-five seconds, East the distance of two inches to a point; thence extending North Thirty-seven degrees, six minutes fifteen seconds East and passing through the center of a

nine inch party wall the distance of Fourteen feet nine inches to a point; thence extending North Fifty-two degrees, fifty-three minutes, forty-five seconds West the distance of Two inches to a point; thence extending North Thirty-seven degrees, six minutes, fifteen seconds East and partly passing through a certain thirteen inch party wall the distance of Seventy-seven feet three-quarters of an inch to a point; thence extending South Fifty-two degrees, fifty-eight minutes, Twenty-four seconds East and passing through the center of a certain thirteen inch party wall the distance of Fifty-four feet nine and seven eighths inches to a point; and thence extending South Thirty-seven degrees, eight minutes, eleven seconds West the distance of Two Hundred Twenty-eight feet nine and five-eighths inches to a point in the Easterly side of Oxford Avenue (sixty feet wide), being the first mentioned point and place of beginning.

BEING known as No. 4721-29 Oxford Avenue, assessed as 4721-41 Oxford Avenue

Being inter alia the same premises which William P. Larkin and Elizabeth A. Larkin, his wife by Deed dated 11/20/1979 and recorded 11/23/1979 in Philadelphia County in Deed Book DCC 2118 Page 248 conveyed unto Oscar Zatz, in fee.

Being inter alia the same premises which Oscar Zatz by Deed dated 10/6/1981 and recorded 12/10/1981 in Philadelphia County in Deed Book EFP 358 Page 496 conveyed unto Zeeky Corporation, a Pennsylvania Corporation, in fee. (\$1.00 consideration)

Being the same premises which Oscar Zatz of Zeeky Corporation by Quit Claim Deed dated 7/19/2003 and recorded 10/30/2003 in Philadelphia County as Document No. 50793319 conveyed unto Michael Johnson, Dwayne A. Washington and Celeysa A. Johnson of DAW Inc., in fee.

Whereas by Order recorded in Court of Common Pleas of Philadelphia, First Judicial District of Philadelphia, Civil Trial Division, September Term, 2004 No. 2008, Commerce Program between Zeeky Corporation vs. Dwayne A. Washington, Dwayne A. Washington, Inc., Michael M. Johnson, Celeysa K. Johnson, Daw, Inc. and City of Philadelphia dated 3/10/2005 and recorded 4/11/2005 as Document No. 51151668 it was ordered that the July 19, 2003 deed to 4721-29 Oxford Avenue and 4742 Frankford Avenue is invalid. The court finds that there was a total failure of consideration. Ownership of 4721-29 Oxford Avenue and 4742 Frankford Avenue reverts to plaintiff, Zeeky Corporation, pursuant to the attached confirmation deed.

Being inter alia the same premises which Zeeky Corporation by Confirmation Deed dated 4/22/2005 and recorded 4/22/2005 in Philadelphia County as Document No. 51161107 conveyed unto Zeeky Corporation, in fee.

Together with all and singular the buildings and improvements, ways, streets, alleys, driveways, passages, waters, water-courses, rights, liberties, privileges, hereditaments and appurtenances, whatsoever unto the hereby granted premises belonging, or in anywise appertaining, and the reversions and remainders, rents, issues, and profits thereof; and all the estate, right, title, interest, property, claim and demand whatsoever of it, the said grantor, as well at law as in equity, of, in and to the same.

To have and to hold the said lot or piece of ground described above, with the buildings and improvements thereon erected, hereditaments and premises hereby granted, or mentioned and intended so to be, with the appurtenances, unto the said Grantee, its successors and assigns, to and for the only proper use and behoof of the said Grantee, its successors and assigns, forever.

And the said Grantor, for itself, its successors and assigns, does, by these presents, covenant, grant and agree, to and with the said Grantee, its successors and assigns, that it, the said Grantor, and its successors and assigns, all and singular the hereditaments and premises herein described and granted, or mentioned and intended so to be, with the appurtenances, unto the said Grantee, its successors and assigns, against it, the said Grantor, and its successors and assigns, will warrant and defend against the lawful claims of all persons claiming by, through or under the said Grantor but not otherwise.

In Witness Whereof, the party of the first part has caused its common and corporate seal to be affixed to these presents by the hand of its President, and the same to be duly attested by its Secretary. Dated the day and year first above written.

ATTEST:

{SEAL}

ZEEKY CORPORATION, A
PENNSYLVANIA CORPORATION

By: _____

[Signature]
Oscar Zatz, President

Commonwealth of Pennsylvania }
County of Philadelphia } ss

AND NOW, this 21st day of November, 2014, before me, the undersigned Notary Public, appeared Oscar Zatz, who acknowledged himself to be the President of Zeeky Corporation, A Pennsylvania Corporation, and he, as such President being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the corporation by himself as President.

IN WITNESS WHEREOF, I hereunder set my hand and official seal.

[Signature]
Notary Public
My commission expires _____

The precise residence and the complete post office address of the above-named Grantee is:

PO Box 19521
Phila PA 19124

On behalf of the Grantee

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
JAMI L. MARINO, Notary Public
Bensalem Twp., Bucks County
My Commission Expires Sept. 13, 2017

Deed

BRT # 882930020

Zeeky Corporation, A Pennsylvania
Corporation

TO

Nana's Daycare LLC

First Platinum Abstract, LLC
2416 Bristol Road
Bensalem, PA 19020
Phone 215-741-2000 Fax 215-741-1440

PHILADELPHIA REAL ESTATE TRANSFER TAX CERTIFICATION

BOOK NO. PAGE NO.

DATE RECORDED

CITY TAX PAID

Complete each section and file in duplicate with Recorder of Deeds when (1) the full consideration/value is/is not set forth in the deed, (2) when the deed is with consideration, or by gift, or (3) a tax exemption is claimed. If more space is needed, attach additional sheet(s).

A. CORRESPONDENT — All inquiries may be directed to the following person:

NAME: **Nana's Daycare LLC** TELEPHONE NUMBER: **215-975-0640**

STREET ADDRESS: **PO BOX 19521** CITY: **Phila** STATE: **PA** ZIP CODE: **19124**

B. TRANSFER DATA
GRANTOR(S)/LESSOR(S): **Zeeky Corporation, A Pennsylvania Corporation** DATE OF ACCEPTANCE OF DOCUMENT: **November 7, 2014**
GRANTEE(S)/LESSEE(S): **Nana's Daycare LLC**

STREET ADDRESS: **8370 Limestone Pike Apt B 123** CITY, TOWNSHIP, BOROUGH: **Phila PA 19124**
CITY: **Wynook** STATE: **PA** ZIP CODE: **19095** CITY: **Phila** STATE: **PA** ZIP CODE: **19124**

C. PROPERTY LOCATION
STREET ADDRESS: **4721-29 assessed as 4721-41 Oxford Ave** CITY, TOWNSHIP, BOROUGH: **City of Philadelphia**

COUNTY: **Philadelphia** SCHOOL DISTRICT: **Philadelphia** TAX PARCEL NUMBER: **882930020**

D. VALUATION DATA

1. ACTUAL CASH CONSIDERATION 350,000.00	2. OTHER CONSIDERATION +	3. TOTAL CONSIDERATION = 350,000.00
4. COUNTY ASSESSED VALUE 601,700.00	5. COMMON LEVEL RATIO FACTOR X 1.00	6. FAIR MARKET VALUE = 601,700.00

E. EXEMPTION DATA
1A. AMOUNT OF EXEMPTION
1B. PERCENTAGE OF INTEREST CONVEYED

2. Check Appropriate Box Below for Exemption Claimed

- Will or intestate succession _____
(NAME OF DECEDENT) (ESTATE FILE NUMBER)
- Transfer to Industrial Development Agency.
- Transfer to agent or straw party. (Attach copy of agency/straw party agreement).
- Transfer between principal and agent. (Attach copy of agency/straw trust agreement). Tax paid prior deed \$ _____
- Transfers to the Commonwealth, the United States, and Instrumentalities by gift, dedication, condemnation or in lieu of condemnation. (Attach copy of resolution).
- Transfer from mortgagor to a holder of a mortgage in default. Mortgage Book Number _____, Page Number _____
Mortgagee (grantor) sold property to Mortgagor (grantee) (Attach copy of prior deed).
- Corrective deed (Attach copy of the prior deed).
- Other (Please explain exemption claimed, if other than listed above.) **Arms length transaction
love good funds**

Under penalties of law or ordinance, I declare that I have examined this Statement, including accompanying information, and to the best of my knowledge and belief, it is true, correct and complete.

SIGNATURE OF CORRESPONDENT OR RESPONSIBLE PARTY: **Nana's Daycare LLC** *Joanna McClain* DATE: **November 7, 2014**

12/08/2014 02:46PM

A. Settlement Statement

U. S. Department of Housing and Urban Development

OMB Approval No. 2502-0265

B. Type of Loan

1. <input type="checkbox"/> FHA	2. <input type="checkbox"/> FmHA	3. <input type="checkbox"/> Conv. Unins.	6. File Number 16864-FPA	7. Loan Number	8. Mortgage Insurance Case Number
4. <input type="checkbox"/> VA	5. <input type="checkbox"/> Conv. Ins.	C. Note: This form is furnished to give you a statement of actual settlement costs. Amounts paid to and by the settlement agent are shown. Items marked "(p.o.c.)" were paid outside the closing; they are shown here for information purposes and are not included in the totals. WARNING: It is a crime to knowingly make false statements to the United States on this or any other similar form. Penalties upon conviction can include a fine and imprisonment. For details see: Title 18 U. S. Code Section 1001 and Section 1010.			TitleExpress Settlement System

D. NAME OF BORROWER: ADDRESS:	Nana's Daycare LLC
E. NAME OF SELLER: ADDRESS:	Zeeky Corporation, A Pennsylvania Corporation
F. NAME OF LENDER: ADDRESS:	Zeeky Corporation
G. PROPERTY ADDRESS:	4721-41 Oxford Avenue, Philadelphia, PA 19124 City of Philadelphia
H. SETTLEMENT AGENT: PLACE OF SETTLEMENT:	First Platinum Abstract, LLC 1633 Orthodox Street, Philadelphia, PA 19124
I. SETTLEMENT DATE:	11/21/2014

J. SUMMARY OF BORROWER'S TRANSACTION:		K. SUMMARY OF SELLER'S TRANSACTION:	
100. GROSS AMOUNT DUE FROM BORROWER		400. GROSS AMOUNT DUE TO SELLER	
101. Contract sales price	350,000.00	401. Contract sales price	350,000.00
102. Personal Property		402. Personal Property	
103. Settlement charges to borrower (line 1400)	9,704.00	403.	
104.		404.	
105.		405.	
Adjustments for items paid by seller in advance		Adjustments for items paid by seller in advance	
106. City/town taxes 11/21/14 to 12/31/14	905.68	406. City/town taxes 11/21/14 to 12/31/14	905.68
107. County taxes		407. County taxes	
108. School taxes		408. School taxes	
109.		409.	
110.		410.	
111.		411.	
112.		412.	
120. GROSS AMOUNT DUE FROM BORROWER	360,609.68	420. GROSS AMOUNT DUE TO SELLER	350,905.68
200. AMOUNTS PAID BY OR ON BEHALF OF BORROWER		500. REDUCTIONS IN AMOUNT DUE TO SELLER	
201. Deposit or earnest money	25,000.00	501. Excess Deposit (see instructions)	25,000.00
202. Principal amount of new loans		502. Settlement charges to seller (line 1400)	23,443.94
203. Existing loan(s) taken subject to		503. Existing loan(s) taken subject to	
204.		504. Payoff of First Mortgage Loan	
205.		505.	
206.		506.	
207. Seller Take Back Mortgage	275,000.00	507. Seller Take Back Mortgage	275,000.00
208.		508.	
209.		509.	
Adjustments for items unpaid by seller		Adjustments for items unpaid by seller	
210. City/town taxes		510. City/town taxes	
211. County taxes		511. County taxes	
212. School taxes		512. School taxes	
213. Sewer/Stormwater 10/23/14 to 11/21/14	112.88	513. Sewer/Stormwater 10/23/14 to 11/21/14	112.88
214. Last Water Read 365		514. Last Water Read 365	
215.		515.	
216.		516.	
217.		517.	
218.		518.	
219.		519.	
220. TOTAL PAID BY/FOR BORROWER	300,112.88	520. TOTAL REDUCTION AMOUNT DUE SELLER	323,556.82
300. CASH AT SETTLEMENT FROM OR TO BORROWER		600. CASH AT SETTLEMENT TO OR FROM SELLER	
301. Gross amount due from borrower (line 120)	360,609.68	601. Gross amount due to seller (line 420)	350,905.68
302. Less amounts paid by/for borrower (line 220)	300,112.88	602. Less reduction amount due seller (line 520)	323,556.82
303. CASH FROM BORROWER	60,496.80	603. CASH TO SELLER	27,348.86

U.S. DEPARTMENT OF HOUSING AND DEVELOPMENT

File Number: 16864-FPA

PAGE 2

SETTLEMENT STATEMENT

TitleExpress Settlement System

Table with columns for item description, amount, and payment source (Borrower's Funds vs Seller's Funds). Includes sections for Settlement Charges, Items Payable in Connection with Loan, Items Required by Lender to be Paid in Advance, Reserves Deposited with Lender for, Title Charges, Government Recording and Transfer Charges, and Additional Settlement Charges.

HUD CERTIFICATION OF BUYER AND SELLER

I have carefully reviewed the HUD-1 Settlement Statement and to the best of my knowledge and belief, it is a true and accurate statement of all receipts and disbursements made on my account or by me in this transaction. I further certify that I have received a copy of the HUD-1 Settlement Statement.

Signature of Joanna McClain, Sole Member

Signature of Oscar Zeltz, President

WARNING: IT IS A CRIME TO KNOWINGLY MAKE FALSE STATEMENTS TO THE UNITED STATES ON THIS OR ANY SIMILAR FORM. PENALTIES UPON CONVICTION CAN INCLUDE A FINE AND IMPRISONMENT. FOR DETAILS SEE TITLE 18, U.S. CODE SECTION 1001 AND SECTION 1010.

The HUD-1 Settlement Statement which I have prepared is a true and accurate account of this transaction. I have prepared or will cause the funds to be disbursed in accordance with this statement.

Signature of Oscar Zeltz, dated 11/21/14

City of Philadelphia Department of Records

RECORDING INFORMATION SUMMARY (RIS)

The information provided by you will be relied upon by the Department of Records for examination and indexing purposes. If there is any conflict between the RIS and the attached document, the information on the RIS shall prevail for examination and indexing purposes.

1) RETURN DOCUMENT TO:

Name: DAW INC. + ASSOC.
 Address: 2314 ORLEANS ST.
BALTIMORE MD. 21224-1021
 Telephone: 301-702-9464

2) Type of Document:

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> Deed | <input type="checkbox"/> Mortgage | <input type="checkbox"/> Lease/Memorandum of Lease |
| <input type="checkbox"/> Sheriff's Deed | <input type="checkbox"/> Release of Mortgage | <input type="checkbox"/> Assignment of Lease & Rent |
| <input type="checkbox"/> Deed of Condemnation | <input type="checkbox"/> Assignment of Mortgage | <input type="checkbox"/> Easement |
| <input type="checkbox"/> Other Deed | <input type="checkbox"/> Satisfaction of Mortgage | <input type="checkbox"/> Other _____ |
- (specify)

3) Date of Document: 07 / 19 / 2003
 month day year

4) Grantor/Mortgagor/Assignor/Lessor/ a) OSCAR ZATZ of ZEGKY Corp.
 Other: _____ b) _____
 (Last Name First Name Middle Initial)

5) Additional names on Continuation Page of RIS

6) Grantee/Mortgagee/Assignee/Lessee/ a) Dwayne A. Washington / DAW Inc.
 Other: _____ b) Michael M. Johnson
 (Last Name First Name Middle Initial)

7) Additional names on Continuation Page of RIS

8) Property Address: 4721 - 4729 OXFORD Av + 4742 Frankford Av
 a) House No. & Street Name: _____
 Condo Name (if applicable): _____ Unit # _____ Philadelphia, PA Zip Code: 19134
 BRT Account # (optional): _____ Parcel Identification Number (PIN) (optional): _____

9) Additional addresses on Continuation Page of RIS

10) Grantee's Mailing Address (Deed Only):
 (If Grantee is at a different address than the Property Address listed in Section 8, complete this section.)

a) Grantee or Designee Name: DAW INC. + ASSOC.
 House No. & Street Name: 2314 ORLEANS ST.
 City: Baltimore State: MD Zip Code: 21224-1021

11) Recording Information to be Referenced. Mortgage to be released/satisfied/assigned/modified:

a) Name of Original Mortgagee: ZEGKY Corporation Recorder's Index Information of Original Mortgage:
 Recording Date of Original Mortgage: _____ month _____ day _____ Year Initials, Book and Page or Doc. ID#

12) Additional references on Continuation Page of RIS

13) If applicable, please check: Consolidation Subdivision

14) Signature Information

for Records Department use only

a) 'OR'-or-'EE Name

b) 'OR'-or-'EE Telephone Number

c) 'OR'-or-'EE Signature



50793319
 Page: 1 of 6
 10/30/2003 11:25AM

This Document Recorded
 10/30/2003 State RTT: 1,000.00
 11:25AM Local RTT: 3,000.00
 Doc Code: D Commissioner of Records, City of Philadelphia

Doc Id: 50793319
 Receipt #: 283159
 Rec Fee: 74.50

15) Page 1 of

City of Philadelphia Department of Records

RECORDING INFORMATION SUMMARY (RIS)

Type of Document from Section 2 :

Copy Name from Section 4a:

Copy Name from Section 6a:

4) Grantor/Mortgagor/Assignor/Lessor/ Other: (c) Cont'd (d) (Last Name First Name Middle Initial) (e) (f)

6) Grantee/Mortgagee/Assignee/Lessee/ Other: (c) Cont'd (d) (Last Name First Name Middle Initial) (e) (f)

CELEYSKA K. JOHNSON

8) Property Address:

a) House No. & Street Name: Condo Name(if applicable): BRT Account # (optional): Parcel Identification Number (PIN) (optional): Unit # Philadelphia, PA Zip Code: -
b) House No. & Street Name: Condo Name(if applicable): BRT Account # (optional): Parcel Identification Number (PIN) (optional): Unit # Philadelphia, PA Zip Code: -
c) House No. & Street Name: Condo Name(if applicable): BRT Account # (optional): Parcel Identification Number (PIN) (optional): Unit # Philadelphia, PA Zip Code: -

11) Recording Information to be Referenced. Mortgage to be released/satisfied/assigned/modified:
b) Name of Original Mortgagee: Recording Date of Original Mortgage: Recorder's Index Information of Original Mortgage: Initials, Book and Page or Doc. ID#
c) Name of Original Mortgagee: Recording Date of Original Mortgage: Recorder's Index Information of Original Mortgage: Initials, Book and Page or Doc. ID#
d) Name of Original Mortgagee: Recording Date of Original Mortgage: Recorder's Index Information of Original Mortgage: Initials, Book and Page or Doc. ID#

15) Page of

for Records Dept. only



50793319 Page: 2 of 6 10/26/2003 11:25A

QUITCLAIM DEED

THIS QUITCLAIM DEED EXECUTED THIS 19TH DAY OF JULY 2003 BY THE
 FIRST PARTY OSCAR ZATZ OF ZEEKY CORPORATION WHOSE POST OFFICE
 ADDRESS IS 4721-29 OXFORD AVENUE PHILADELPHIA PA 19134 AND 4742
 Frankford Ave. Phila Pa. 19134 ~~4742~~
 TO SECOND PARTY MICHAEL JOHNSON, DWAYNE A WASHINGTON, AND
 CELEYS A JOHNSON OF DAW INC. WHOSE POST OFFICE ADDRESS IS 2317
 ST CLAIR LANE TEMPLE HILLS MD 20748 2319

WITNESSETH, THAT THE SAID FIRST PARTY, FOR GOOD
 CONSIDERATION AND FOR THE SUM OF \$ 100,000.00 PAID BY THE SAID
 SECOND PARTY, THE RECEIPT WHEREOF IS HEREBY ACKNOWLEDGED,
 DOES HEREBY REMISE, RELEASE AND QUITCLAIM UNTO THE SAID SECOND
 PARTY FOREVER, ALL PARCEL OF LAND, AND IMPROVEMENTS AND
 APPURTENANCES THERETO IN THE COUNTY OF
 STATE OF PENNSYLVANIA TO WIT:

4721-29 OXFORD AVENUE PHILADELPHIA PA AND 4742 FRANKFORD
 AVENUE PHILADELPHIA PA

IN WITNESS WHEREOF, THE SAID FIRST PARTY HAS SIGNED AND
 SEALED THESE PRESENTS THE DAY AND YEAR FIRST ABOVE WRITTEN,



58793319
 Page: 3 of 6
 10/26/2003 11:25A

SIGNED SEALED AND DELIVERED IN THE PRESENCE OF:

Rene Sepnes
 WITNESS Rene Sepnes

Oscar Zatz
 FIRST PARTY OSCAR ZATZ

WITNESS _____

Dwayne A. Washington
 SECOND PARTY
Celeysa K. Johnson
 SECOND PARTY
Michael M. Johnson
 SECOND PARTY Michael M. Johnson

STATE OF MARYLAND
 COUNTY OF PRINCE GEORGE

ON THIS 19th DAY OF July 2003 PERSONALLY APPEARED MICHAEL JOHNSON
CELEYS A JOHNSON AND DWAYNE WASHINGTON
 GRANTOR: OSCAR ZATZ

AGT II
 AR

GRANTOR:
OSCAR ZATZ DWAYNE WASHINGTON

MICHAEL JOHNSON, CELESA JOHNSON

PERSONALLY

KNOWN TO ME OR PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON (S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE THEY EXECUTED THE SAME IN HIS/HER THEIR AUTHORIZED CAPACITY(IES) AND THAT BY HIS/HER SIGNATURE (S) ON THE INSTRUMENT.

WITNESS MY HAND AND OFFICIAL SEAL

SIGNATURE
NOTARY PUBLIC

Leah P. Reynolds
MY COMMISSION EXPIRES

07/01/2006



GRANTEE ADDRESS:

2314 ORLEANS ST.
BALTIMORE MD, 21224
MMS

*Page II
JPR*



Fidelity National Title Insurance Company of New York

SCHEDULE C DESCRIPTIONS

File No. RCS-5679

Property Parcel Number 90N5-402

ALL THAT CERTAIN lot or piece of ground with the buildings and improvements thereon erected,

SITUATE in the Twenty-third Ward of the City of Philadelphia.

BEGINNING at a point on the Easterly side of Oxford Avenue (Sixty feet wide) at the distance of One Hundred Eighty-five feet three and one-eighth inches Northwest of the Northwest side of Frankford Avenue (sixty-feet wide); thence extending North Four degrees, fifty-two minutes fifty-two seconds West along the Easterly side of Oxford Avenue a distance of One Hundred Forty-one feet seven and three-fourths inches to a point; thence extending South Fifty-two degrees, fifty-three minutes, Forty-five seconds East the distance of Forty feet three-quarters of an inch to a point; thence extending North Thirty-seven degrees, six minutes, fifteen seconds East and partly passing through the center of a certain thirteen inch party wall, the distance of Thirty-one feet seven and one-half inches to a point; thence extending South Fifty-two degrees, fifty-three minutes, forty-five seconds, East the distance of two inches to a point; thence extending North Thirty-seven degrees, six minutes fifteen seconds East and passing through the center of a nine inch party wall the distance of Fourteen feet nine inches to a point; thence extending North Fifty-two degrees, fifty-three minutes, forty-five seconds West the distance of Two inches to a point; thence extending North Thirty-seven degrees, six minutes, fifteen seconds and partly passing through a certain thirteen inch party wall the distance of Seventy-seven feet three-quarters of an inch to a point; thence extending South Fifty-two degrees, fifty-eight minutes, Twenty-four seconds East and passing through the center of a certain thirteen inch party wall the distance of Fifty-four feet nine and seven eighths inches to a point; and thence extending South Thirty-seven degrees, eight minutes, eleven seconds West the distance of Two hundred Twenty-eight feet nine and five-eighths inches to a point in the Easterly side of Oxford Avenue (sixty feet wide), being the first mentioned point and place of beginning.

BEING No. 4721-29 Oxford Avenue

Being the same premises which Oscar Katz, by deed dated 10/6/81 and recorded in Philadelphia County on 12/10/81 in Deed Book EFP 358, Page 496 granted and conveyed unto Zeeky Corporation, a Pennsylvania Corporation, in fee.



50793319
Page: 5 of 6
10/30/2003 11:25A

PHILADELPHIA REAL ESTATE TRANSFER TAX CERTIFICATION

BOOK NO.	PAGE NO.
DATE RECORDED	
CITY TAX PAID	

Complete each section and file with Recorder of Deeds when (1) the full consideration/value is/is not set forth in the deed, (2) when the deed is with consideration, or by gift, or (3) a tax exemption is claimed. If more space is needed, attach additional sheet(s).

A. CORRESPONDENT - All inquiries may be directed to the following person:

NAME DAW INC + ASSOC.	TELEPHONE NUMBER: AREA CODE (301) 702-9466
STREET ADDRESS 2314 ORLEANS ST.	CITY STATE ZIP CODE Baltimore MD. 21229

B. TRANSFER DATA

GRANTOR(S)/LESSOR(S) OSCAR JATZ / ZEEKY Corp.	DATE OF ACCEPTANCE OF DOCUMENT
STREET ADDRESS 4721-29 Oxford Av + 4742 Frankford Av.	GRANTEE(S)/LESSEE(S) DAW INC + ASSOC.
CITY STATE ZIP CODE Phila PA. 1913	STREET ADDRESS 4721-29 Oxford Av + 4742 Frankford Av.
CITY STATE ZIP CODE Phila PA. 1913	CITY STATE ZIP CODE Phila PA. 1913

C. PROPERTY LOCATION

STREET ADDRESS 4721-4729 Oxford Av + 4742 Frankford Av.	CITY, TOWNSHIP, BOROUGH Phila PA.
COUNTY Phila	SCHOOL DISTRICT Phila PA.
TAX PARCEL NUMBER	

D. VALUATION DATA

1. ACTUAL CASH CONSIDERATION \$100,000.00	2. OTHER CONSIDERATION 0	3. TOTAL CONSIDERATION \$100,000.00
4. COUNTY ASSESSED VALUE \$36,800.00	5. COMMON LEVEL RATIO FACTOR X 3.39	6. FAIR MARKET VALUE = 124,752.00

E. EXEMPTION DATA

1A. AMOUNT OF EXEMPTION	1B. PERCENTAGE OF INTEREST CONVEYED
-------------------------	-------------------------------------

2. Check Appropriate Box Below for Exemption Claimed

- Will or intestate succession _____
- Transfer to Industrial Development Agency _____
- Transfer to agent or straw party. (Attach copy of agency/straw party agreement).
- Transfer between principal and agent. (Attach copy of agency/straw trust agreement). Tax paid prior deed \$ _____
- Transfers to the Commonwealth, the United States, and Instrumentalities by gift, dedication, condemnation or in lieu of condemnation. (Attach copy of resolution).
- Transfer from mortgagor to a holder of a mortgage in default. Mortgage Book Number _____, Page Number _____
Mortgagee (grantor) sold property to Mortgagor (grantee) (Attach copy of prior deed).
- Corrective deed (Attach copy of the prior deed).
- Other (Please explain exemption claimed, if other than listed above.) _____



50793319
Page: 6 of 6
1973R/2693 11-25R

Under penalties of law or ordinance, I declare that I have examined this Statement, including accompanying information, and to the best of my knowledge and belief, it is true, correct and complete.

SIGNATURE OF CORRESPONDENT OR RESPONSIBLE PARTY <i>[Signature]</i>	DATE 10/29/03
---	-------------------------



CONFIRMATION DEED

THIS INDENTURE, made the *22nd* day of *April* in the year 2005;

BETWEEN Zeeky Corporation (hereinafter the Grantor), of the one part, and Zeeky Corporation (hereinafter the Grantee), of the other part;

WITNESSETH that the Grantor, pursuant to an order of the Court of Common Pleas, Civil Division (Commerce Program), dated March 10, 2005, has granted, released and confirmed and by these presents does grant release and confirm unto said Grantee, his heirs and assigns;

ALL THAT CERTAIN lot or piece of ground with the buildings and improvements thereon erected,

SITUATE in the Twenty-third ward of the City of Philadelphia.

BEGINNING at a point on the Easterly side of Oxford Avenue (Sixty feet wide) at the distance of One Hundred Eighty-five feet three and one-eighth inches Northwest of the Northwest side of Frankford Avenue (sixty-feet wide); thence extending North Four degrees, fifty-two minutes fifty-two seconds West along the Easterly side of Oxford Avenue a distance of One Hundred Forty-one feet seven and three-fourths inches to a point; thence extending South Fifty-two degrees, fifty-three minutes, Forty-five seconds East the distance of Forty feet three-quarters of an inch to a point; thence extending North Thirty-seven degrees, six minutes, fifteen seconds East and partly passing through the center of a certain thirteen inch party wall, the distance of Thirty-one feet seven and one-half inches to a point; thence extending South Fifty-two degrees, fifty-three minutes, forty-five seconds, East the distance of two inches to a point; thence extending North Thirty-seven degrees, six minutes fifteen seconds East and passing

through the center of a nine inch party wall the distance of Fourteen feet nine inches to a point; thence extending North Fifty-two degrees, fifty-three minutes, forty-five seconds West the distance of Two inches to a point; thence extending North Thirty-seven degrees, six minutes, fifteen seconds and partly passing through a certain thirteen inch party wall the distance of Seventy-seven feet three-quarters of an inch to a point; thence extending South Fifty-two degrees, fifty-eight minutes, Twenty-four seconds East and passing through the center of a certain thirteen inch party wall the distance of Fifty-four feet nine and seven eights inches to a point; and thence extending South Thirty-seven degrees, eight minutes, eleven seconds West the distance of Two Hundred Twenty-eight feet nine and five-eighths inches to a point in the Easterly side of Oxford Avenue (sixty feet wide), being the first mentioned point and place of beginning.

BEING No. 4721-29 Oxford Avenue

PREMISES "B"

ALL THAT CERTAIN lot or piece of ground situate in the Twenty-third Ward of the City of Philadelphia,

BEGINNING at a point on the Northwesterly side of Frankford Avenue (sixty feet wide) at the distance of Seventy-six feet two and one-half inches Southwest of the Southwesterly side of Foulkrod Street (forty feet wide); thence extending South Thirty-seven degrees, eight minutes eleven seconds West along the Northwesterly side of Frankford Avenue the distance of Twenty feet to a point; thence extending North Fifty-two degrees, Fifty-eight minutes, twenty-four seconds West partly passing through the center of a certain Thirteen inch party wall, the distance of One Hundred Twenty-three feet ten inches to a point; thence extending North Thirty-seven

degrees, eight minutes, eleven seconds East the distance of Twenty feet to a point; and thence extending South Fifty-two degrees, fifty-eight minutes, Twenty-four seconds East passing through the center of a certain Thirteen inch party wall the distance of One hundred Twenty-three feet Ten inches to the first mentioned point and place of beginning.

AND BEING the same premises which Zeeky Corporation purportedly granted by Deed dated 7/19/03 and recorded in Philadelphia County on 10/30/03, unto Dwayne A. Washington, Celeysa K. Johnson, & Michael M. Johnson of DAW, Inc. which the Philadelphia Court of Common Pleas has determined to be fraudulent in its Order dated 10/10/05 in the matter of Zeeky Corporation v. Dwayne A. Washington, et al., September Term 2004, No. 002088, attached hereto;

WHEREAS the Philadelphia Court of Common Pleas, Civil Division, in the matter of Zeeky Corporation v. Dwayne A. Washington, et al., September Term 2004, No. 002088, ordered as follows:

1. The Recorder of Deeds of Philadelphia County is directed to strike off the deed dated July 19, 2003 and recorded October 30, 2003, between ZEEKY CORPORATION (Grantor) and unto Dwayne A. Washington, Celeysa K. Johnson, & Michael M. Johnson of DAW, Inc. (Grantee) for the premises known as 4721-29 Oxford Avenue, Philadelphia, Pennsylvania 19134 and 4742 Frankford Avenue, Philadelphia, Pennsylvania 19134, as fraudulent.
2. The Recorder of Deeds of Philadelphia County is directed to vacate and lift any liens or other encumbrances attached to 4721-29 Oxford Avenue, Philadelphia, Pennsylvania 19134 and 4742 Frankford Avenue, Philadelphia, Pennsylvania

19134, incurred from July 19, 2003 through the date the aforementioned deed is vacated.

3. The Dwayne A. Washington, Celeysa K. Johnson, & Michael M. Johnson of DAW, Inc. shall be forever barred from asserting any right, lien title and/or interest in the premises known as 4721-29 Oxford Avenue, Philadelphia, Pennsylvania 19134 and 4742 Frankford Avenue, Philadelphia, Pennsylvania 19134, Philadelphia, Pennsylvania.

4. The Recorder of Deeds is directed to record a Deed to said property in the name of Zeeky Corporation.

AND WHEREAS this deed is being executed to confirm the premises and all rights, titles and interests unto the Grantee. The term Grantee, as used in this Indenture, shall mean the Grantee and the heirs and assigns of the Grantee.

IN WITNESS THEREOF, pursuant to the aforementioned court order and on behalf of Grantor Zeeky Corporation, that Joan T. Decker, Commissioner of the Department of Records of the City of Philadelphia, has hereunto affixed her signature, this ~~22~~ day of 4, 2005.

Sealed and Delivered
IN THE PRESENCE OF US

Joan T. Decker
Joan T. Decker
Commissioner of the Department of Records

COMMONWEALTH OF PENNSYLVANIA :
:
: SS
:
COUNTY OF PHILADELPHIA :

On this 22nd day of April, 2005, before me, a notary public, the undersigned officer, personally appeared Joan V. Decker, in her capacity as the Commissioner of the Department of Records and known to me (or satisfactorily proven) to be the person described in the foregoing instrument, and acknowledged that she executed the same in the capacity therein stated and for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

Patricia L. Franklin

Notary Public

My Commission Expires: 11-29-08



90NS - 401,402

D-2118-248

Fee Simple Deed No. 75-28

This Indenture Made the 20TH day of November 1979 in the year of our Lord one thousand nine hundred and Seventy-nine (1979)

Between WILLIAM P. LARKIN and ELIZABETH A. LARKIN, his wife, of the State of Pennsylvania; (hereinafter called the Grantors), of the one part, and OSCAR ZATZ, of the State aforesaid; (hereinafter called the Grantee), of the other part.

Witnesseth That the said Grantors for and in consideration of the sum of EIGHTY-FIVE THOUSAND DOLLARS (\$85,000.00) lawful money of the United States of America, unto them well and truly paid by the said Grantee at or before the sealing and delivery hereof, the receipt whereof is hereby acknowledged, have granted, bargained and sold, released and confirmed, and by these presents do grant, bargain and sell, release and confirm unto the said Grantee, his heirs and assigns,

PREMISES "A" BLOCK 1390 LOT 96 ALL THAT CERTAIN lot or piece of ground with the buildings and improvements thereon erected.

SITUATE in the Twenty-third Ward of the City of Philadelphia. BEGINNING at a point on the Easterly side of Oxford Avenue (Sixty feet wide) at the distance of One hundred Eighty-five feet three and one-eighth inches Northwest of the Northwest side of Frankford Avenue (Sixty feet wide); thence extending North Four degrees, Fifty-two minutes, Fifty-two seconds West along the Easterly side of Oxford Avenue a distance of One hundred Forty-one feet seven and three-fourths inches to a point; thence extending South Fifty-two degrees, Fifty-three minutes, Forty-five seconds East the distance of Forty feet three-quarters of an inch to a point; thence extending North Thirty-seven degrees, Six minutes, Fifteen seconds East and partly passing through the center of a certain thirteen inch party wall, the distance of Thirty-one feet seven and one-half inches to a point; thence extending South Fifty-two degrees, Fifty-three minutes, Forty-five seconds East the distance of two inches to a point; thence extending North Thirty-seven degrees, Six minutes, Fifteen seconds East and passing through the center of a nine inch party wall the distance of Fourteen feet nine inches to a point; thence extending North Fifty-two degrees, Fifty-three minutes, Forty-five seconds West

402
BLOCK 1390 LOT 96
INTIC

80
80

B

D-2118-249

the distance of Two inches to a point; thence extending North Thirty-seven degrees, six minutes, Fifteen seconds East and partly passing through a certain Thirteen inch party wall the distance of Seventy-seven feet three-quarters of an inch to a point; thence extending South Fifty-two degrees, Fifty-eight minutes, Twenty-four seconds East and passing through the center of a certain Thirteen inch party wall the distance of Fifty-four feet nine and seven-eighths inches to a point; and thence extending South Thirty-seven degrees, Eight minutes, Eleven seconds West the distance of Two hundred Twenty-eight feet nine and five-eighths inches to a point in the Easterly side of Oxford Avenue (Sixty feet wide); being the first mentioned point and place of beginning.

BEING Nos. 4721-29 Oxford Avenue.

PREMISES "B"

BLOCK 1390 LOT 97

ALL THAT CERTAIN lot or piece of ground.

SITUATE in the Twenty-third Ward of the City of Philadelphia.

BEGINNING at a point on the Northwesterly side of Frankford Avenue (Sixty feet wide) at the distance of Seventy-six feet two and one-half inches Southwest of the Southwesterly side of Foulkrod Street (Forty feet wide); thence extending South Thirty-seven degrees, Eight minutes, Eleven seconds West along the Northwesterly side of Frankford Avenue the distance of Twenty feet to a point; thence extending North Fifty-two degrees, Fifty-eight minutes, Twenty-four seconds West partly passing through the center of a certain thirteen inch party wall the distance of One hundred Twenty-three feet ten inches to a point; thence extending North Thirty-seven degrees, Eight minutes, Eleven seconds East the distance of Twenty feet to a point; and thence extending South Fifty-two degrees, Fifty-eight minutes, Twenty-four seconds East passing through the center of a certain Thirteen inch party wall the distance of One hundred Twenty-three feet ten inches to the first mentioned point and place of beginning.

BEING No. 4742 Frankford Avenue.

BEING as to Premises "A" and "B" the same premises which Charles John Birkmann also known as C. John Birkmann and Betty H., his wife by Deed dated 12/22/65 and recorded 12/28/65 in the County of Philadelphia in Deed Book CAD 623 page 468 conveyed unto William P. Larkin and Elizabeth A., his wife, in fee.

401
BLOCK 1390 LOT 97
INTIC

CITY OF PHILADELPHIA
DEPARTMENT OF REVENUE
TREASURER
NOV 21 1979
850.00

0 2 1 7 2 9
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF REVENUE
REALLY
TRANSFER TAX NOV21-79
850.00
PB 11/41

D-2118-250

Together with all and singular the _____ buildings, _____ improvements, ways, streets, alleys, driveways, passages, waters, water-courses, rights liberties, privileges, hereditaments and appurtenances, whatsoever unto the hereby granted premises belonging, or in any wise appertaining, and the reversions and remainders, rents, issues, and profits thereof; and all the estate, right, title, interest property, claim and demand whatsoever of _____

them, _____ the said Grantors, as well at law as in equity, of, in, and to the same.

To have and to hold the said _____ lots or pieces of ground with the buildings and improvements thereon erected; _____ hereditaments and premises hereby granted, or mentioned, and intended so to be, with the appurtenances, unto the said Grantee, _____ his heirs _____ and assigns, to and for the only proper use and behoof of the said Grantee, _____ his heirs _____ and assigns forever

And the said grantors, for themselves, their _____

executors and administrators do covenant, promise and agree, to and with the said Grantee _____ heirs, _____ his heirs _____ and assigns, by these presents, that they _____ the said grantors their _____ heirs, all and singular the hereditaments and premises hereby granted or mentioned and intended so to be, with the appurtenances, unto the said Grantee _____ his heirs _____ and assigns, against _____ them, said grantors, their _____

heirs, and against all and every person and persons whomsoever lawfully claiming or to claim the same or any part thereof, by, from or underhim, her, them, or any of them, shall and will WARRANT and forever DEFEND.

In Witness Whereof, the parties of the first part have _____ hereunto set their _____ hand and seal. Dated the day and year first above written.

Scaled and Delivered
IN THE PRESENCE OF US
[Signature]

William P. Larkin (SEAL)
WILLIAM P. LARKIN
Elizabeth A. Larkin (SEAL)
ELIZABETH A. LARKIN

Commonwealth of Pennsylvania }
County of Philadelphia } ss:

D-2118-251

On this, the 20TH day of November, 19 79 before me, _____
the undersigned Officer,
personally appeared WILLIAM P. LARKIN & ELIZABETH A. his wife;

known to me (satisfactorily proven) to be the person s whose name s ~~is~~(are) subscribed to the
within instrument, and acknowledged that the y executed the same for the purposes therein contained.

In Witness Whereof, I hereunto set my hand and official seal.

KAREN L. MARK
Notary Public, Phila., Phila. Co.
My Commission Expires July 3, 1983

Karen L. Mark
NOTARY PUBLIC

550589-A 101

Return To
INDUSTRIAL VALLEY TITLE
INSURANCE COMPANY
1700 MARKET STREET
PHILA., PENNIA. 19103

RETURN

WILLIAM P. LARKIN, ET UX

T O

OSCAR ZATZ

PREMISES, 4721-29 Oxford Avenue
& 4742 Frankford Avenue,
Philadelphia, Pennsylvania

00 TAX DMS
17.00 FTILTRAM#40721
000002 DLMS 11/31/79

60
10-30

Nov 23 10 18 AM 1979

Recorded in Department of Records in and
for the City of Philadelphia in Deed
Book, D.C.C. No. 2118 Page 248
Witness my hand and Seal of Office on this
date NOV 23 A.D. 1979



[Handwritten signature]

The address of the above-named Grantee
is 303 Old Forge Rd
31 years Pa.
On behalf of the Grantee

APPENDIX 3
CURRENT AERIAL (2018)



Data from: Zillow · GreatSchools

APPENDIX 4
HISTORIC AERIAL PHOTOGRAPHS



4721 OXFORD AVENUE

4721 OXFORD AVENUE

Philadelphia, PA 19124

Inquiry Number: 5652198.5

May 15, 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

05/15/19

Site Name:

4721 OXFORD AVENUE
4721 OXFORD AVENUE
Philadelphia, PA 19124
EDR Inquiry # 5652198.5

Client Name:

R.T. Environmental Services
215 West Church Road
King of Prussia, PA 19406
Contact: Jeremy Xu



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
2005	1"=500'	Flight Year: 2005	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	NHAP
1975	1"=500'	Flight Date: April 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
1959	1"=500'	Flight Date: October 19, 1959	USGS
1951	1"=500'	Flight Date: March 27, 1951	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

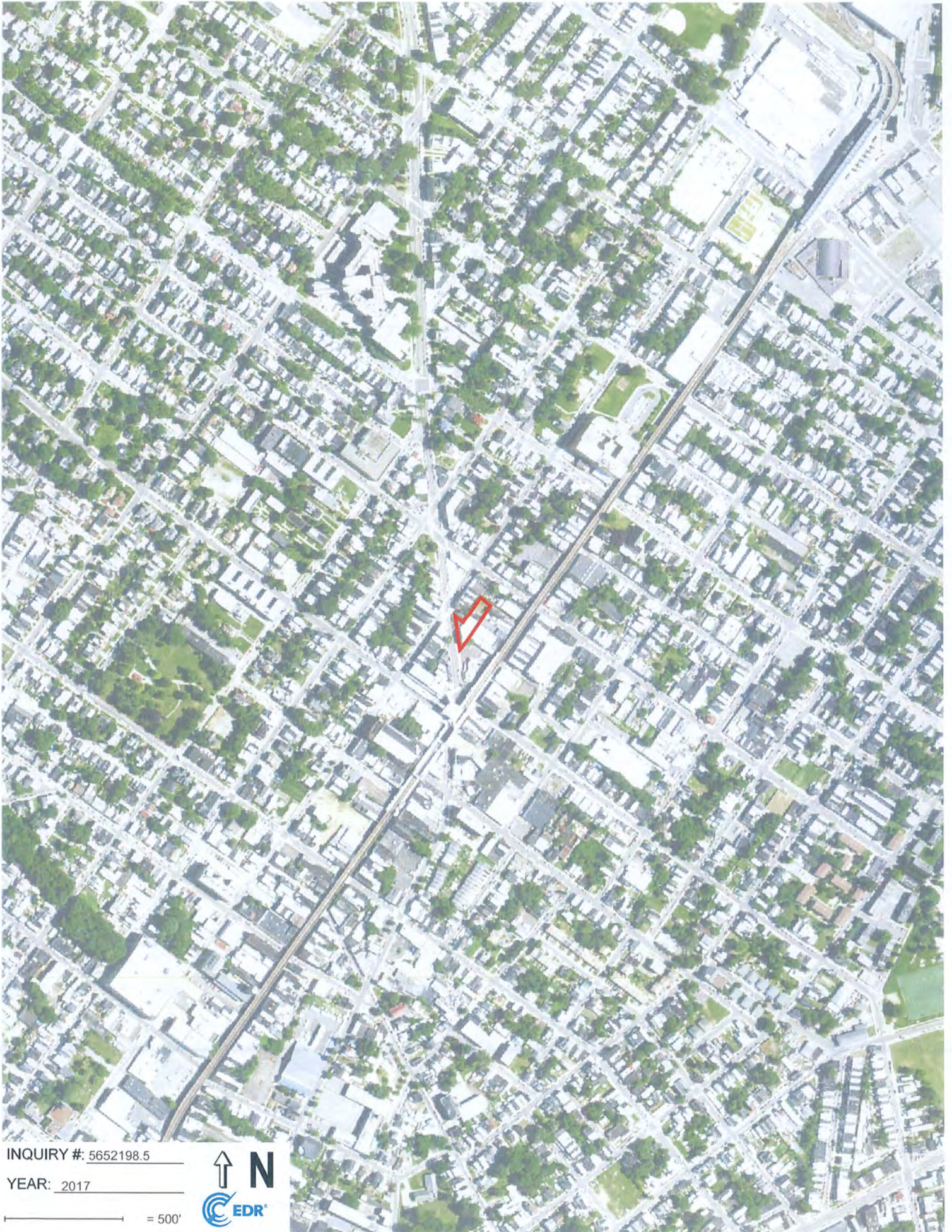
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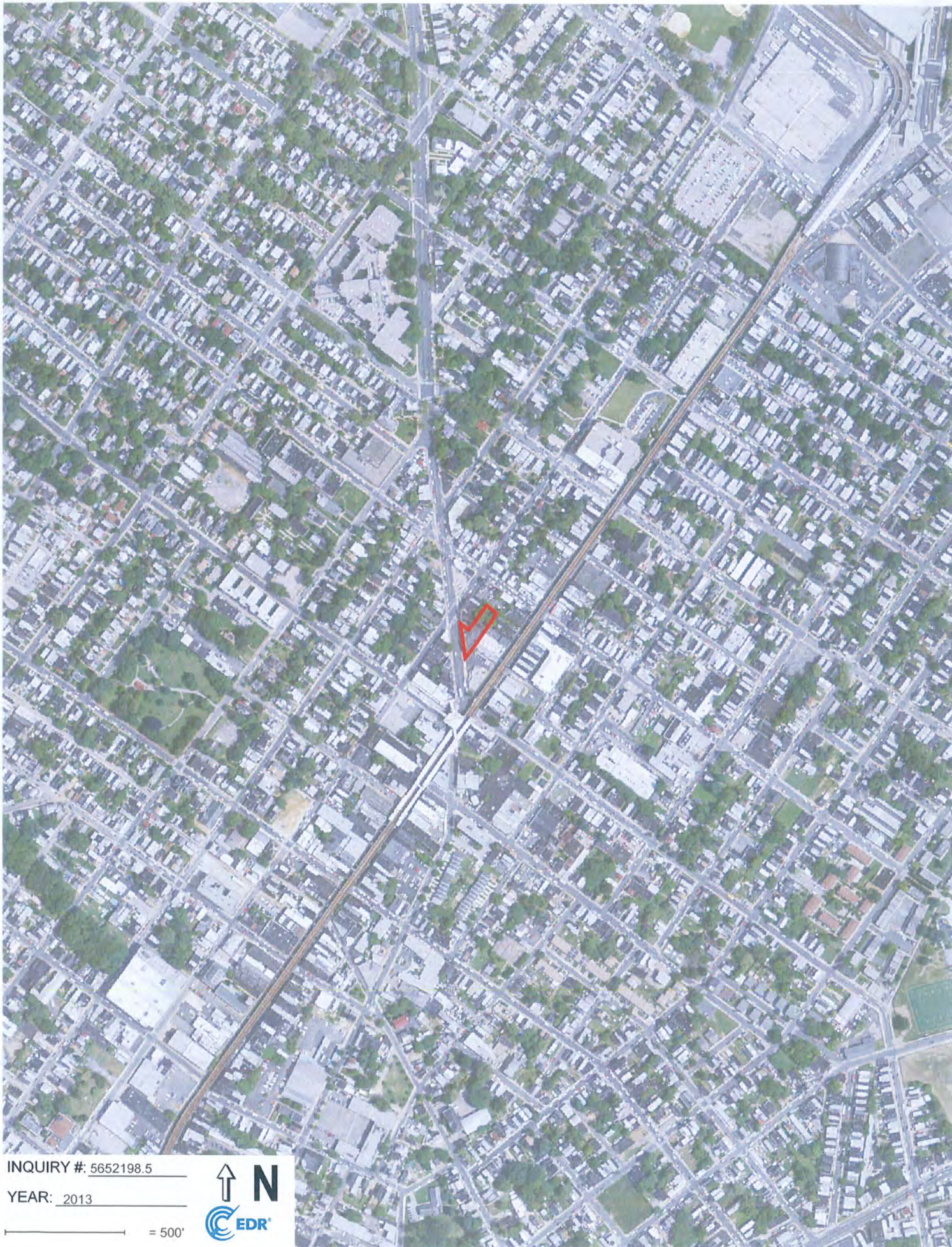


INQUIRY #: 5652198.5

YEAR: 2017

_____ = 500'



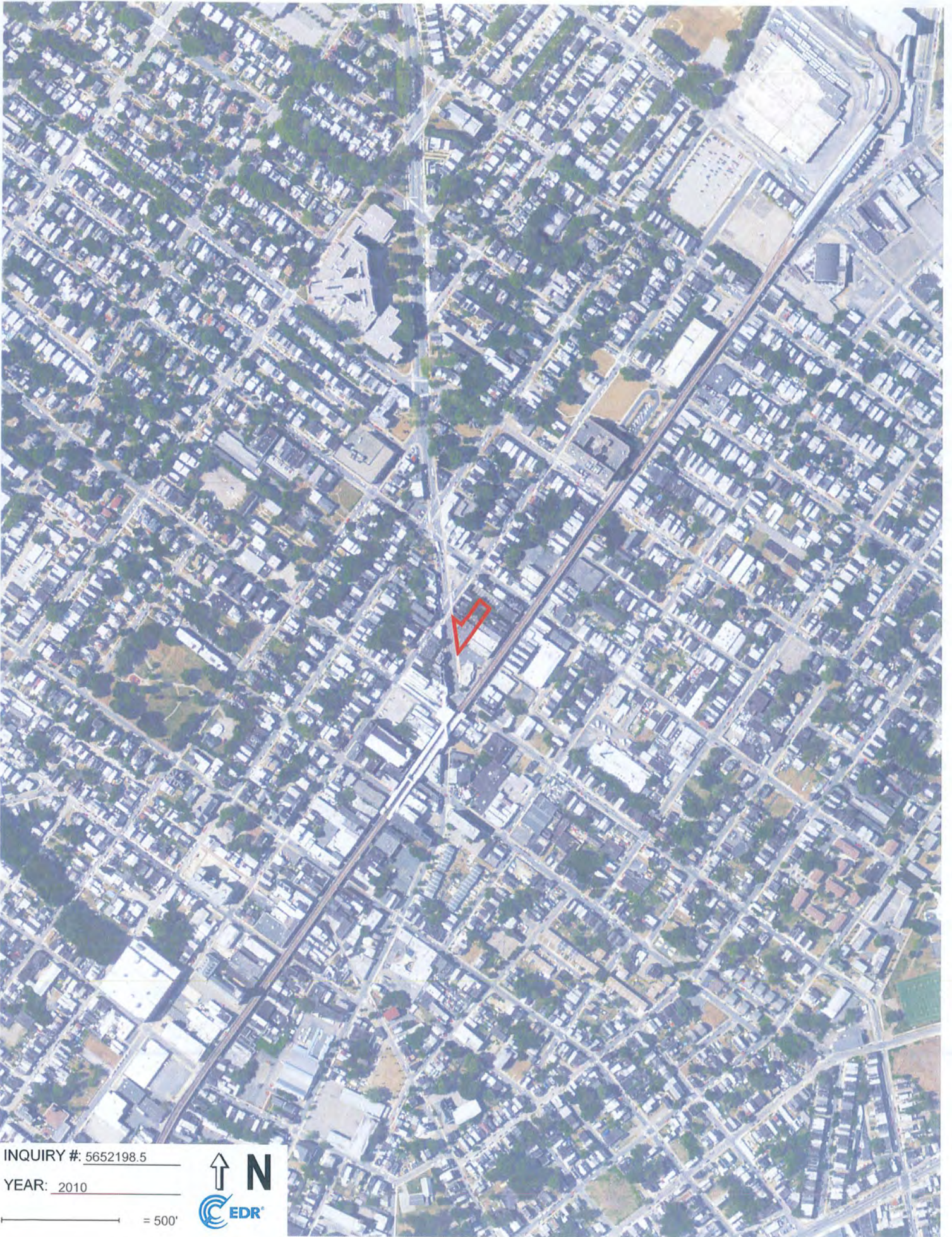


INQUIRY #: 5652198.5

YEAR: 2013

— = 500'



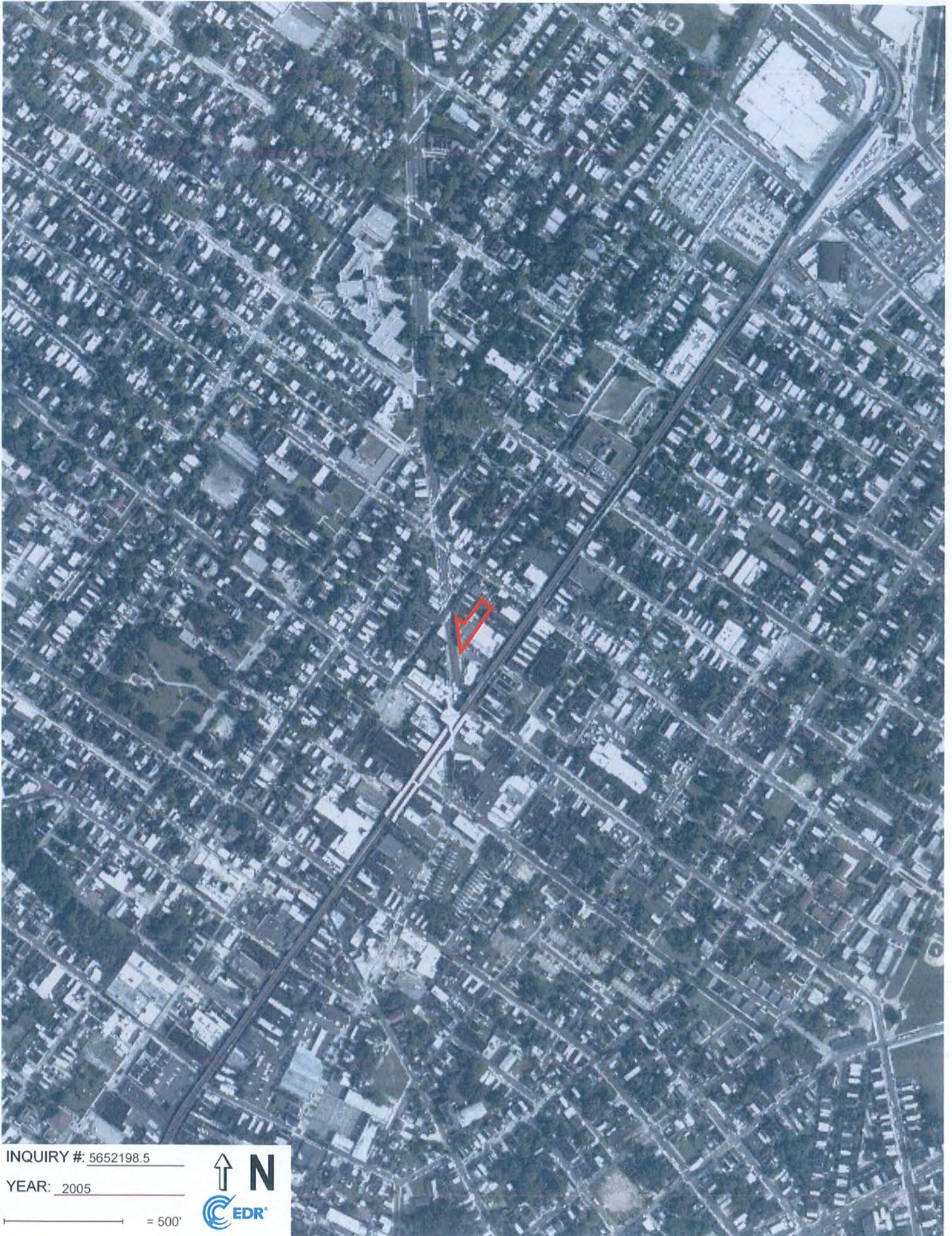


INQUIRY #: 5652198.5

YEAR: 2010

— = 500'



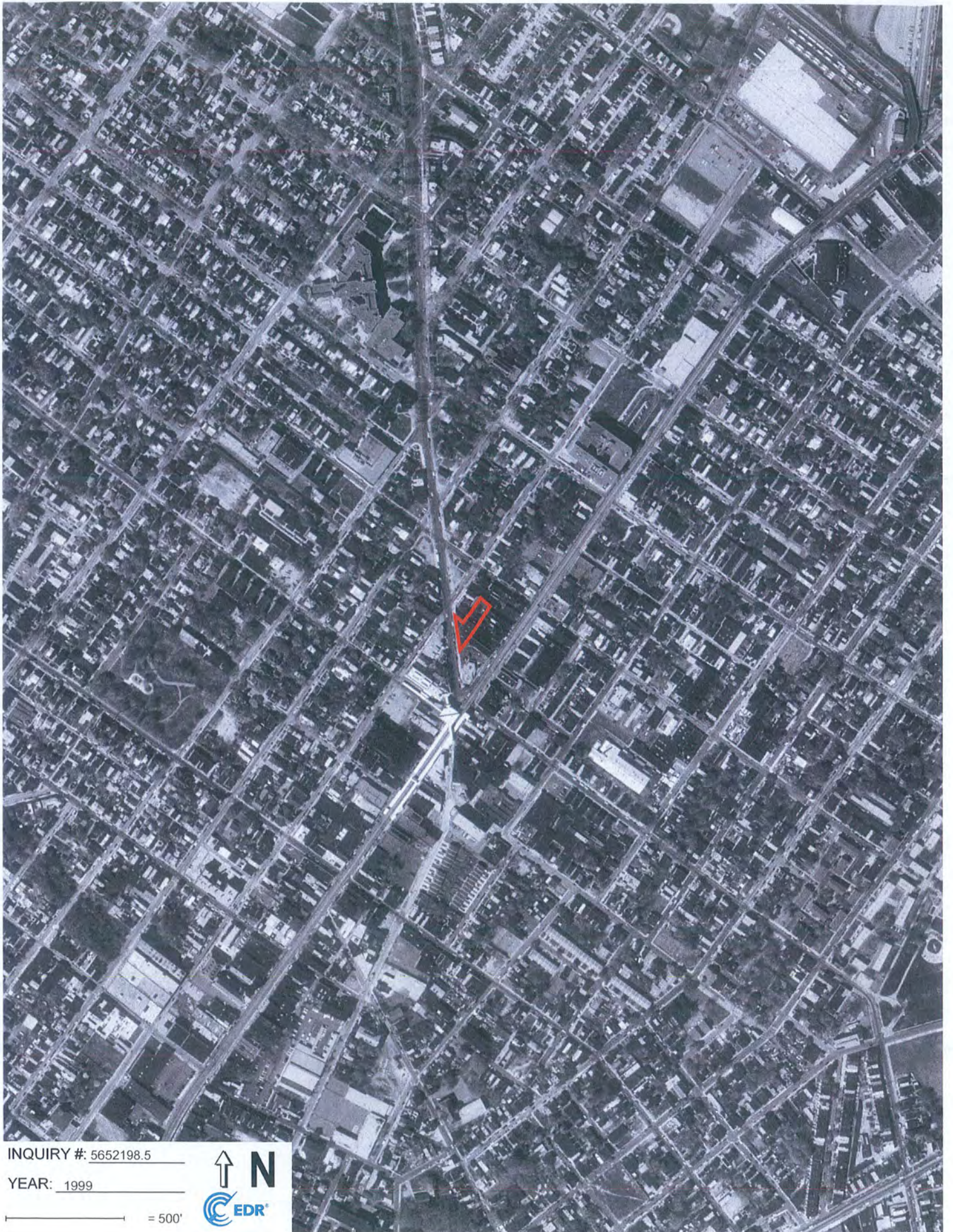


INQUIRY #: 5652198.5

YEAR: 2005

 = 500'





INQUIRY #: 5652198.5

YEAR: 1999

_____ = 500'





INQUIRY #: 5652198.5

YEAR: 1993

— = 500'





INQUIRY #: 5652198.5

YEAR: 1991

— = 500'



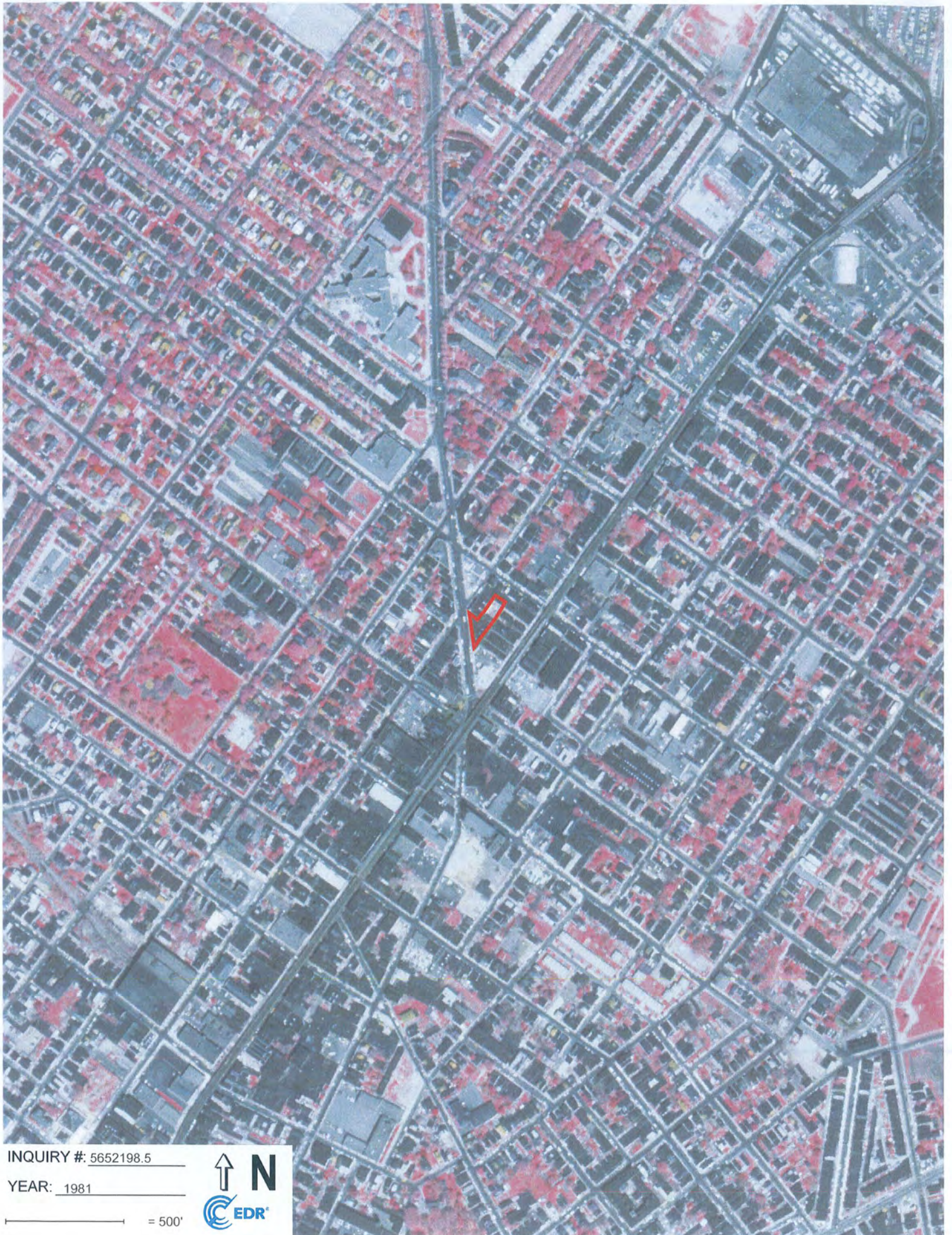


INQUIRY #: 5652198.5

YEAR: 1988

_____ = 500'





INQUIRY #: 5652198.5

YEAR: 1981

_____ = 500'





INQUIRY #: 5652198.5

YEAR: 1975

_____ = 500'



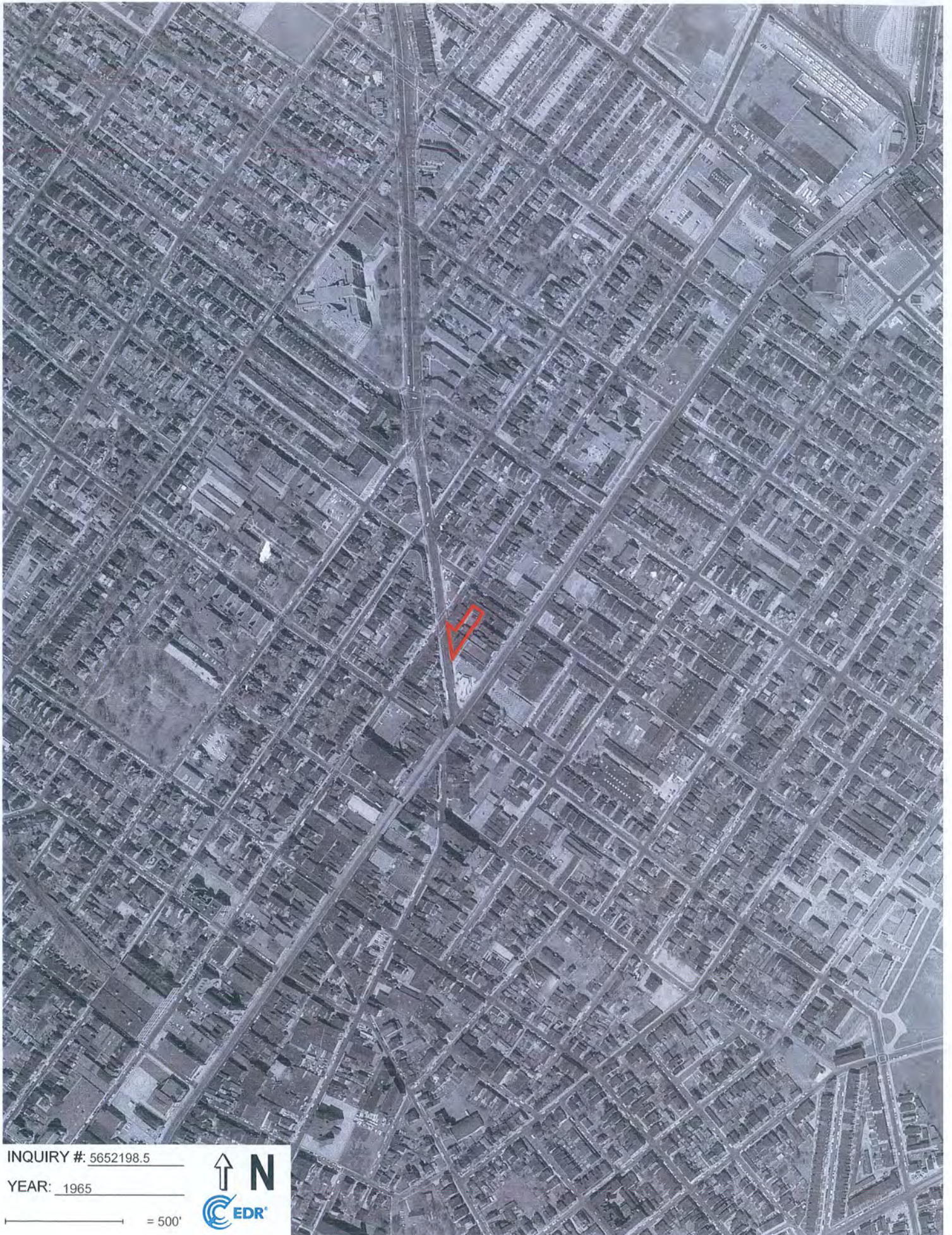


INQUIRY #: 5652198.5

YEAR: 1971

_____ = 500'



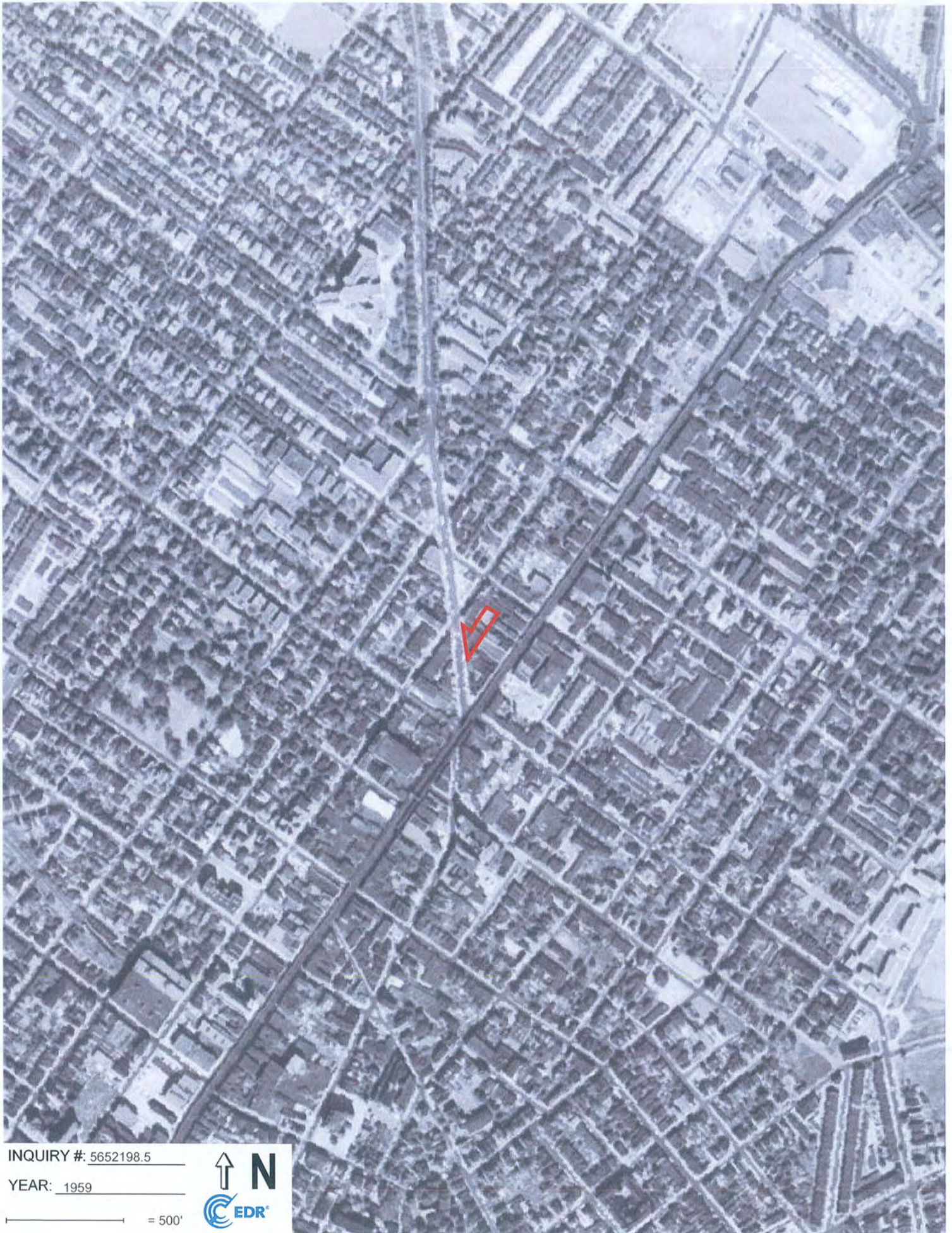


INQUIRY #: 5652198.5

YEAR: 1965

_____ = 500'





INQUIRY #: 5652198.5

YEAR: 1959

_____ = 500'



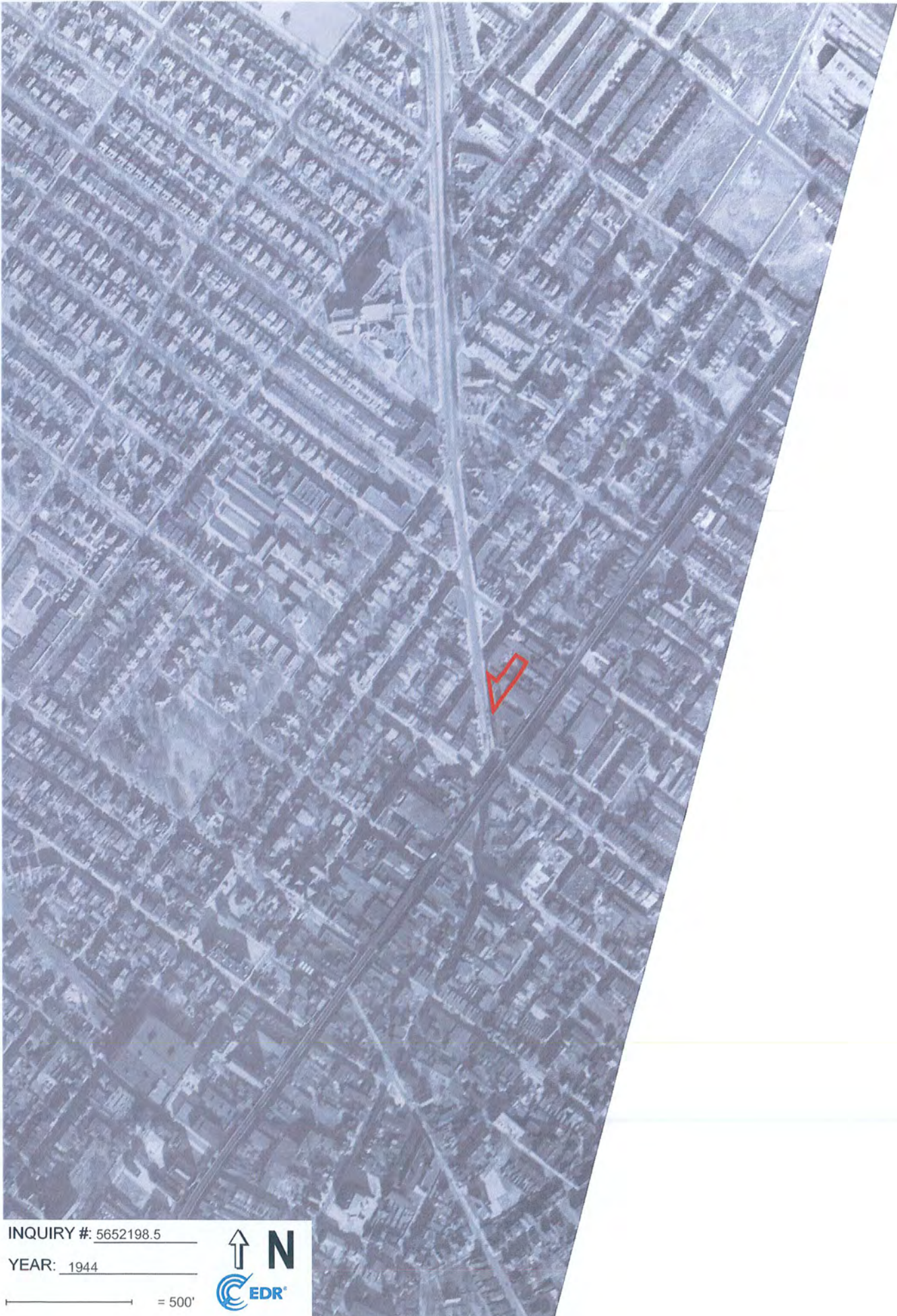


INQUIRY #: 5652198.5

YEAR: 1951

_____ = 500'





INQUIRY #: 5652198.5

YEAR: 1944

_____ = 500'






INQUIRY #: 5652198.5

YEAR: 1940

_____ = 500'



APPENDIX 5
SANBORN MAPS



4721 OXFORD AVENUE
4721 OXFORD AVENUE
Philadelphia, PA 19124

Inquiry Number: 5652198.3

May 14, 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

05/14/19

Site Name:

4721 OXFORD AVENUE
4721 OXFORD AVENUE
Philadelphia, PA 19124
EDR Inquiry # 5652198.3

Client Name:

R.T. Environmental Services
215 West Church Road
King of Prussia, PA 19406
Contact: Jeremy Xu



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by R.T. Environmental Services 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 # 0678-40CC-9F09
PO # 73047-01-01
Project 4721-51 Oxford Phase I

Maps Provided:

2006 1920
2004
2002
2000
1989
1980
1975
1951



Sanborn® Library search results

Certification #: 0678-40CC-9F09

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

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



2006 Source Sheets



Volume 11, Sheet 1058



Volume 11, Sheet 1057

2004 Source Sheets



Volume 11, Sheet 1058



Volume 11, Sheet 1057

2002 Source Sheets



Volume 11, Sheet 1058



Volume 11, Sheet 1057

2000 Source Sheets



Volume 11, Sheet 1058



Volume 11, Sheet 1057

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1989 Source Sheets



Volume 11, Sheet 1057



Volume 11, Sheet 1058

1980 Source Sheets



Volume 11, Sheet 1058



Volume 11, Sheet 1057

1975 Source Sheets



Volume 11, Sheet 1058



Volume 11, Sheet 1057

1951 Source Sheets



Volume 11, Sheet 1058



Volume 11, Sheet 1057

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



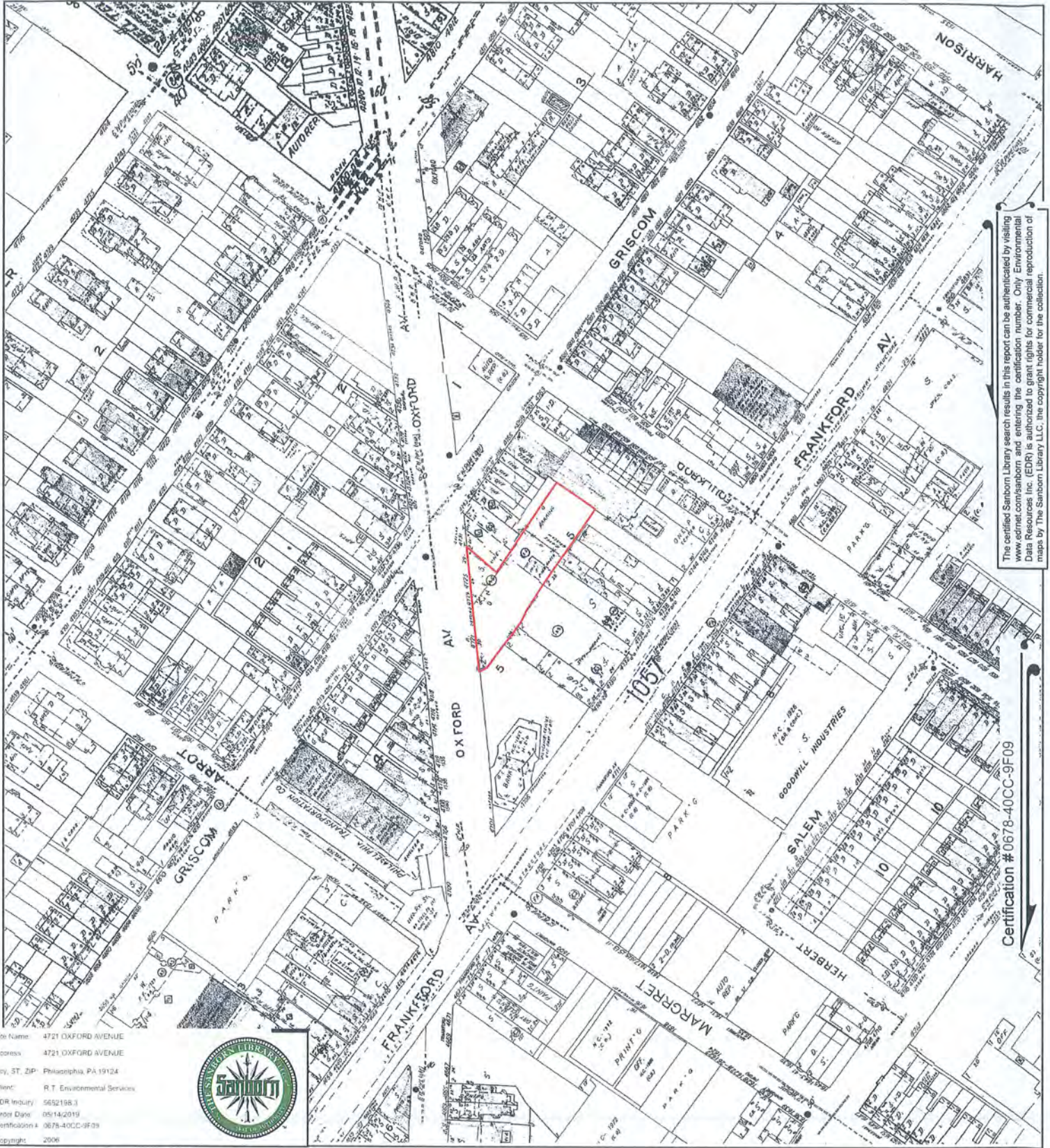
1920 Source Sheets



Volume 11, Sheet 1057



Volume 11, Sheet 1058



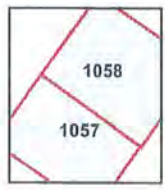
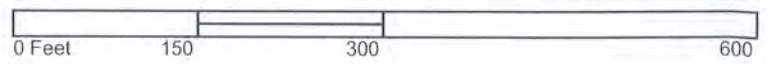
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Certification # 0678-40CC-9F09

Site Name: 4721 OXFORD AVENUE
 Address: 4721 OXFORD AVENUE
 City, ST, ZIP: Philadelphia, PA 19124
 Client: R.T. Environmental Services
 EDR Inquiry: 5652198.3
 Order Date: 05/14/2019
 Certification #: 0678-40CC-9F09
 Copyright: 2006

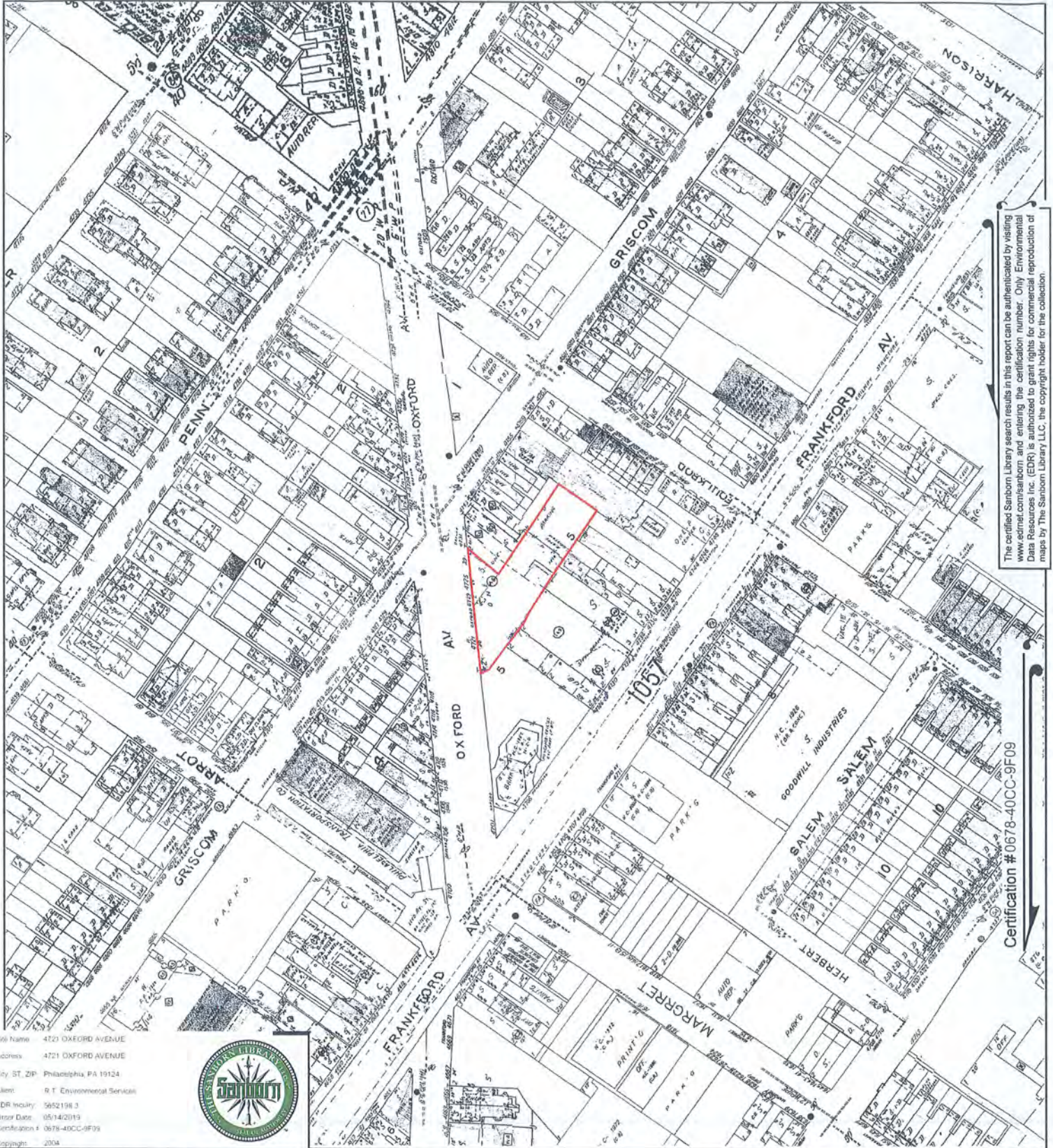


This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 11, Sheet 1057
 Volume 11, Sheet 1058





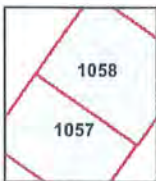
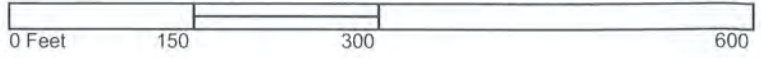
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 Address 4721 OXFORD AVENUE
 City, ST, ZIP Philadelphia, PA 19124
 Client R T Environmental Services
 EDR Industry 5652198.3
 Order Date 05/14/2019
 Certification # 0678-40CC-9F09
 Copyright 2004



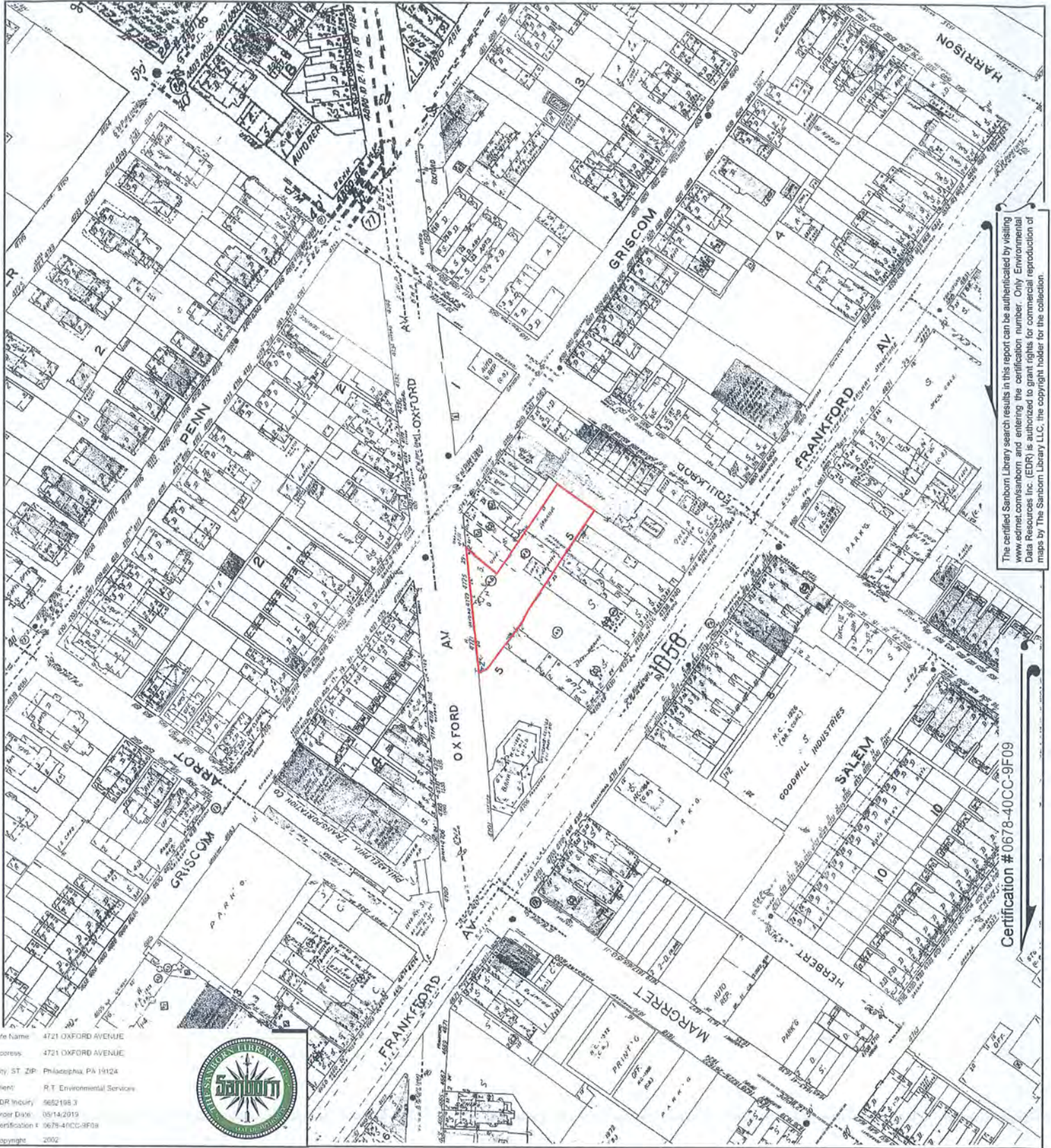
Certification # 0678-40CC-9F09

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 Volume 11, Sheet 1058





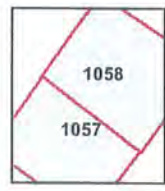
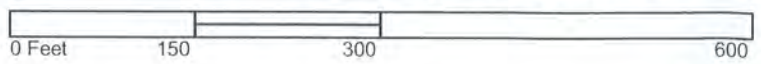
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 City, ST, ZIP: Philadelphia, PA 19124
 Client: R.T Environmental Services
 EDR Inquiry: 5652198.3
 Order Date: 05/14/2019
 Certification #: 0678-40CC-9F09
 Copyright: 2002



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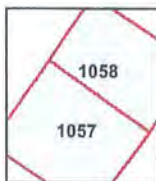
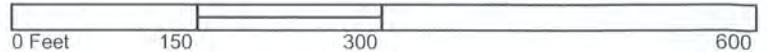
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 Address: 4721 OXFORD AVENUE
 City, ST, ZIP: Philadelphia, PA 19124
 Client: RT Environmental Services
 EDR Inquiry: 5652198.3
 Order Date: 05/14/2011
 Certification #: 0678-40CC-9F09
 Copyright: 2000



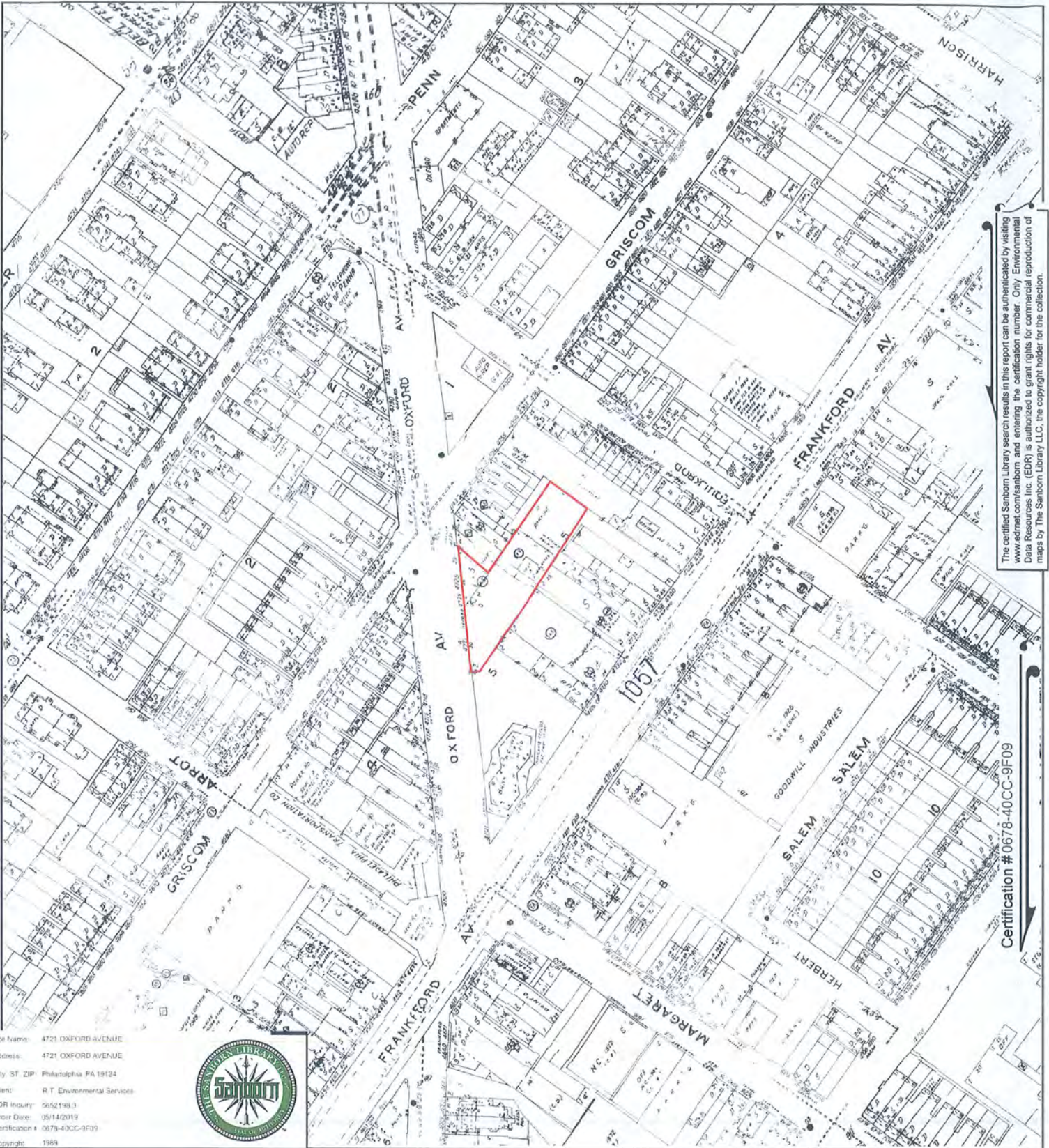
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Volume 11, Sheet 1057
 Volume 11, Sheet 1058





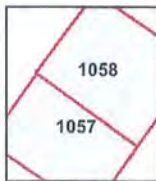
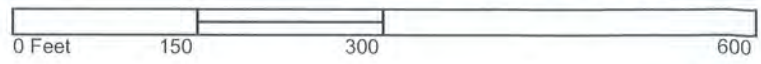
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 Address: 4721 OXFORD AVENUE
 City, ST, ZIP: Philadelphia PA 19124
 Client: R.T. Environmental Services
 EDR Inquiry: 5652198.3
 Order Date: 05/14/2019
 Certification #: 0678-40CC-9F09
 Copyright: 1989



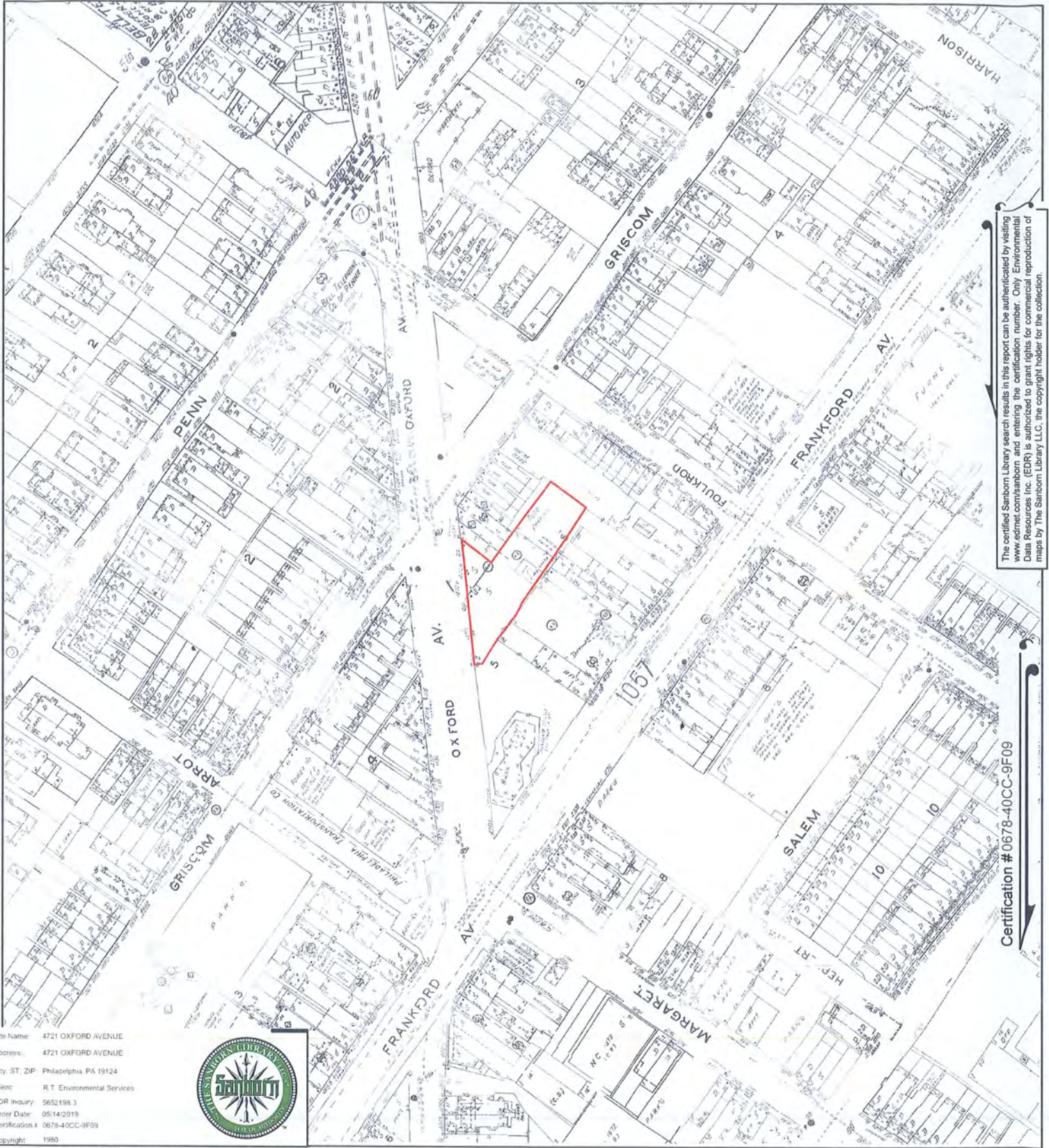
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Volume 11, Sheet 1058
 Volume 11, Sheet 1057





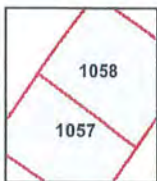
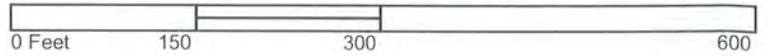
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City, ST, ZIP: Philadelphia, PA 19124
Client: R T Environmental Services
EDR Inquiry: 5652198.3
Order Date: 05/14/2019
Certification: 0678-40CC-9F09
Copyright: 1980

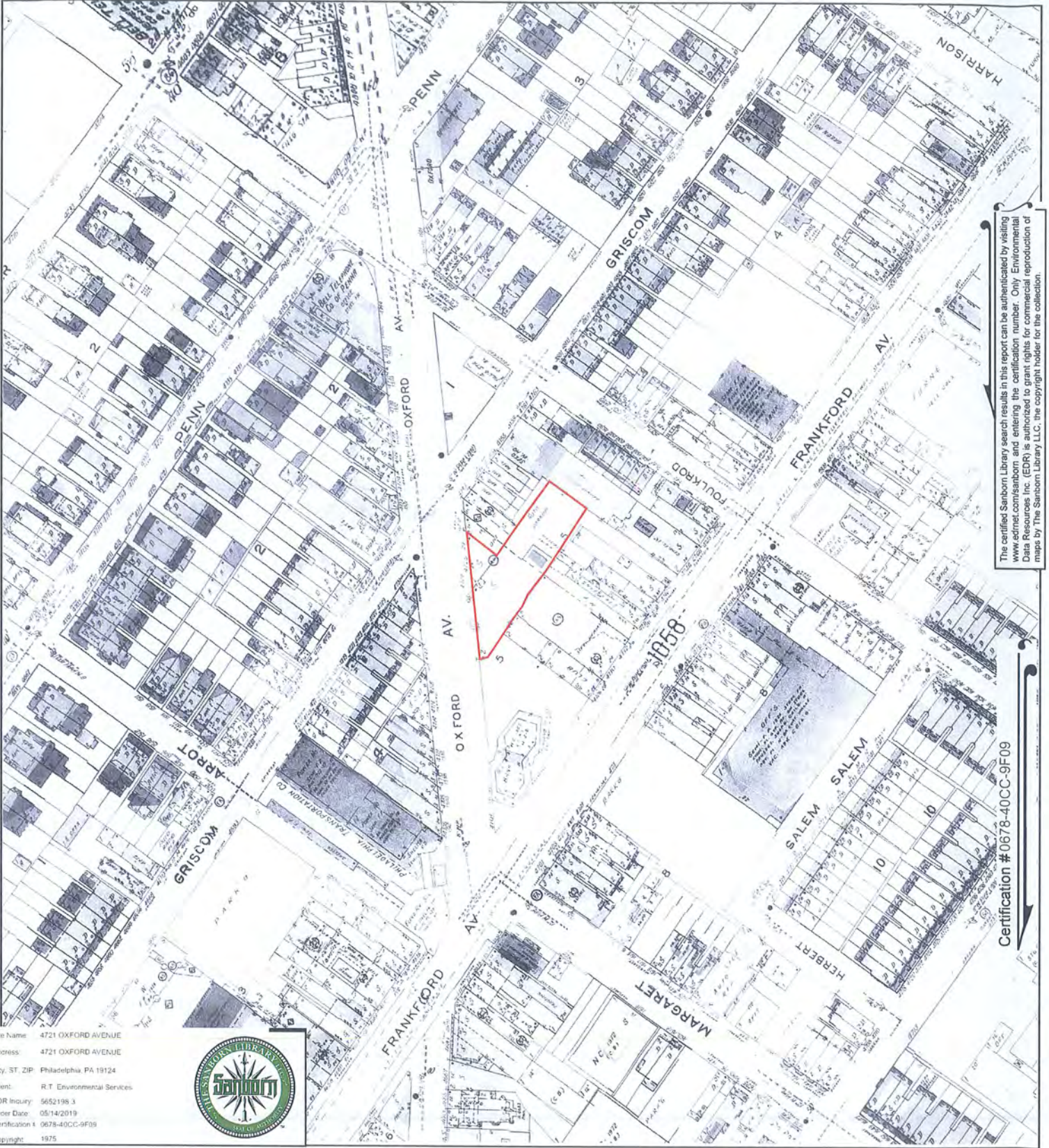


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Volume 11, Sheet 1057
Volume 11, Sheet 1058





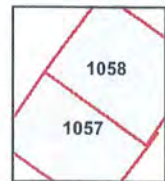
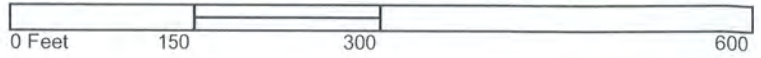
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 Address: 4721 OXFORD AVENUE
 City, ST, ZIP: Philadelphia, PA 19124
 Client: R.T. Environmental Services
 EDR Inquiry: 5652198.3
 Order Date: 05/14/2019
 Certification #: 0678-40CC-9F09
 Copyright: 1975



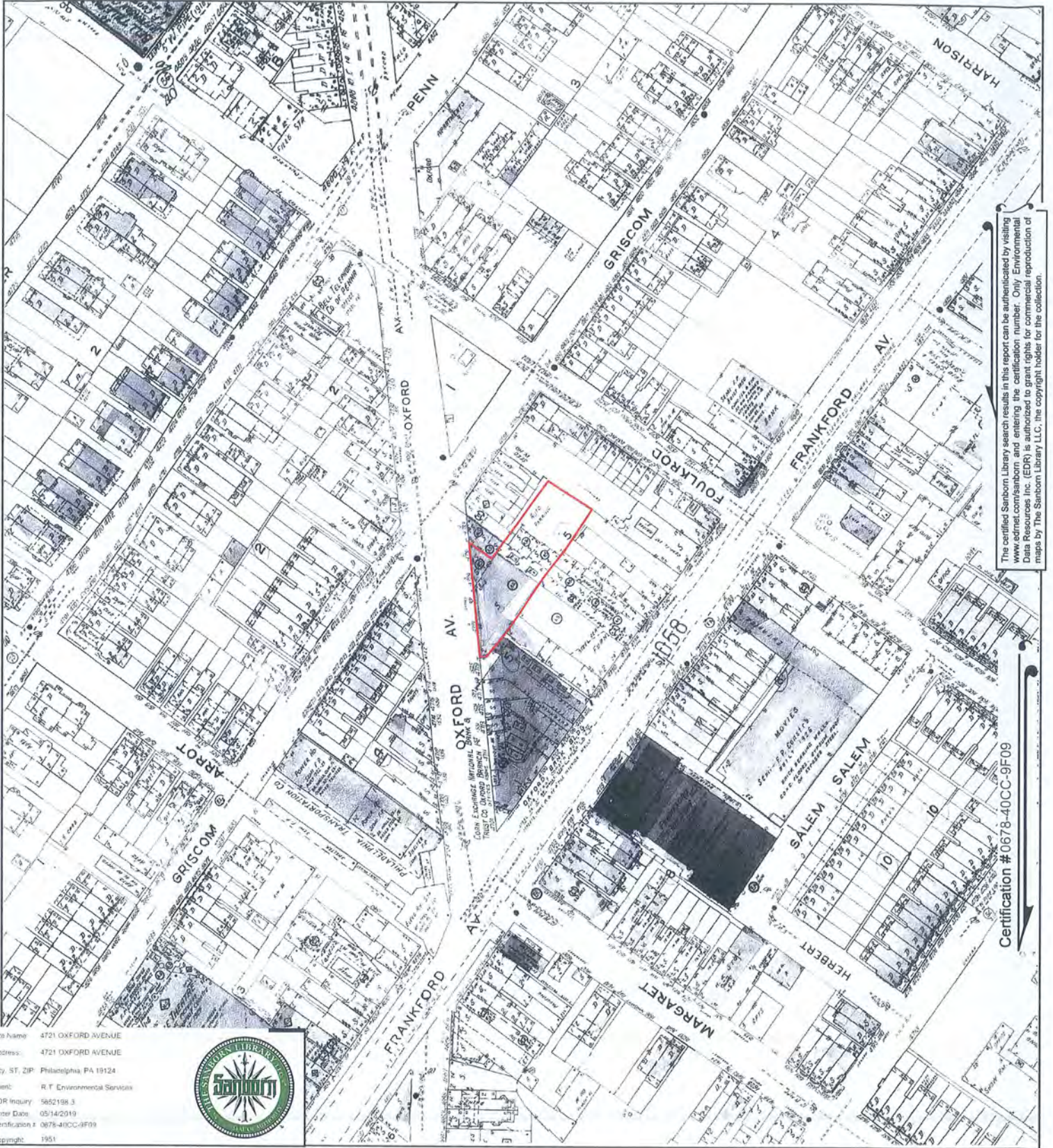
Certification #0678-40CC-9F09

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Volume 11, Sheet 1057
 Volume 11, Sheet 1058





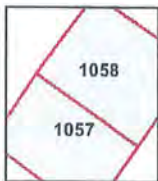
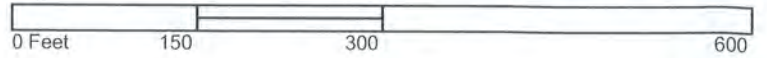
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Site Name: 4721 OXFORD AVENUE
 Address: 4721 OXFORD AVENUE
 City, ST, ZIP: Philadelphia, PA 19124
 Client: R.T Environmental Services
 EDR Inquiry: 9852198.3
 Order Date: 05/14/2019
 Certification #: 0678-40CC-9F09
 Copyright: 1951

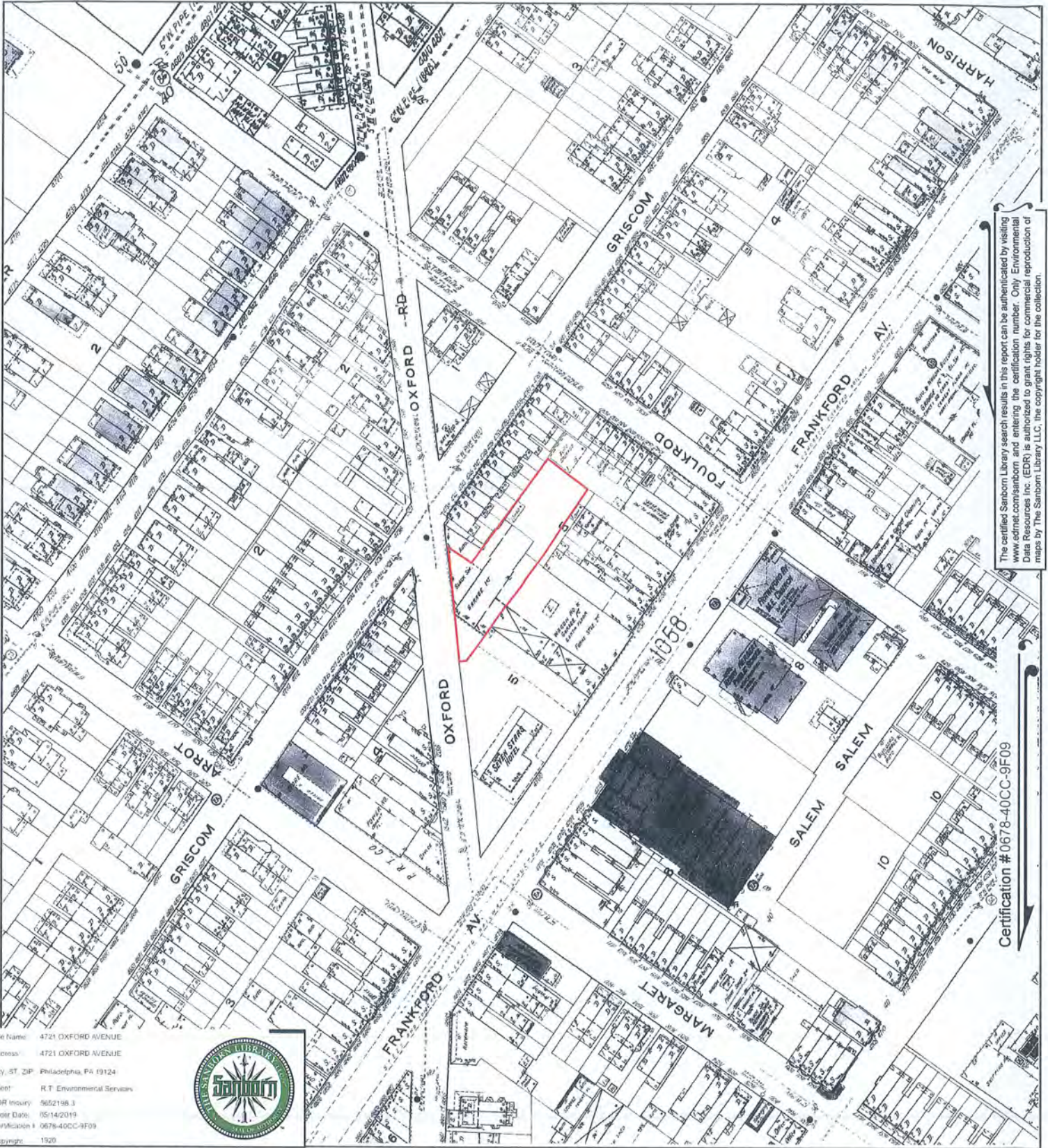


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Volume 11, Sheet 1057
 Volume 11, Sheet 1058





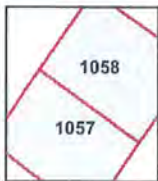
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 Address: 4721 OXFORD AVENUE
 City, ST, ZIP: Philadelphia, PA 19124
 Client: R.T. Environmental Services
 EDR Inquiry: 9552198.1
 Order Date: 05/14/2019
 Certification #: 0678-40CC-9F09
 Copyright: 1920



Certification # 0678-40CC-9F09

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Volume 11, Sheet 1058
 Volume 11, Sheet 1057



APPENDIX 6
DATABASE REPORT

4721 OXFORD AVENUE
4721 OXFORD AVENUE
Philadelphia, PA 19124

Inquiry Number: 5652198.2s
May 14, 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

4721 OXFORD AVENUE
PHILADELPHIA, PA 19124

COORDINATES

Latitude (North): 40.0065860 - 40° 0' 23.70"
Longitude (West): 75.1885150 - 75° 11' 18.65"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 483909.5
UTM Y (Meters): 4428295.0
Elevation: 51 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5949526 FRANKFORD, PA
Version Date: 2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20150816
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
4721 OXFORD AVENUE
PHILADELPHIA, PA 19129

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	BOLAND GEORGE & JACK	OXFORD & GRISCOM	EDR Hist Auto	Higher	40, 0.008, East
A2	DEES CLEANERS & DYER	4736 FRANKFORD AVE	EDR Hist Cleaner	Higher	94, 0.018, East
B3	HAGGERTY JOS	1537 FOULKROD ST	EDR Hist Auto	Higher	131, 0.025, East
B4	SING LEE	1531 FOULKROD ST	EDR Hist Cleaner	Higher	138, 0.026, East
B5	PHILA UNITED BANK	4806 FRANKFORD AVE	PA ARCHIVE UST	Higher	243, 0.046, East
B6	HOME UNITY FED SAVIN	4806 FRANKFORD AVE	PA LUST, PA ARCHIVE UST	Higher	243, 0.046, East
7	DANDEE CLEANERS	1525 ARROTT ST	EDR Hist Cleaner	Higher	257, 0.049, East
A8	WILLYS KNIGHT SERVIC	4745 PENN ST	EDR Hist Auto	Higher	292, 0.055, East
C9	REX ONE HOUR CLEANER	4673 FRANKFORD	EDR Hist Cleaner	Higher	363, 0.069, East
D10	BOBS SVC CTR	OXFORD AVE & PENN ST	RCRA-CESQG	Higher	413, 0.078, East
C11	NEWS GLEANER PUBLICA	1612 MARGARET ST	RCRA-CESQG, FINDS, ECHO	Higher	426, 0.081, East
E12	CASTOR LEWIS F CO	1627 37 MARGARET ST	EDR Hist Auto	Higher	468, 0.089, East
E13	CASTOR LEWIS F JR	1627 MARGARET ST	EDR Hist Auto	Higher	470, 0.089, East
14	OGAN YUN CHA	4842 FRANKFORD AVE	EDR Hist Cleaner	Higher	508, 0.096, East
D15	GALANTI WILLIAM	4810 PENN ST	EDR Hist Cleaner	Higher	524, 0.099, East
D16	BILL GALANTI CLEANER	4810 PENN ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	524, 0.099, East
E17	WILLIAM LUM SUM	1634 MARGARET ST	EDR Hist Cleaner	Higher	590, 0.112, East
C18	MEADOW AUTO REPAIR	4651 PAUL ST	RCRA-SQG, FINDS, ECHO	Higher	592, 0.112, East
C19	MEADOW II HOUSING DE	MEADOW & PAUL ST	PA UNREG LTANKS	Higher	608, 0.115, East
E20	AMUNEAL MANUFACTURIN	4737 DARRAH ST	PA MANIFEST	Higher	622, 0.118, East
E21	AMUNEAL MANUFACTURIN	4737 DARRAH ST	RCRA-LQG, PA LUST, PA ARCHIVE AST, PA AIRS, NY...	Higher	622, 0.118, East
E22	AMUNEAL MFG	4737 DARRAH ST	PA ARCHIVE UST	Higher	622, 0.118, East
E23	AMUNEAL MANUFACTURIN	4737 DARRAH STREET	PA MANIFEST	Higher	622, 0.118, East
E24	ACCURATE METAL SPINN	4678-80 DARRAH	RCRA NonGen / NLR, FINDS, ECHO	Higher	623, 0.118, East
25	CLOVER CLEANERS AND	4653 FRANKFORD AVE	EDR Hist Cleaner	Higher	639, 0.121, East
26	FIRE SITE 056	1652-54 FOULKROD ST	PA UST	Higher	662, 0.125, East
D27	JEFFERSON CTL OFC	4808 LEIPER ST	PA LUST, PA AST	Higher	663, 0.126, East
D28	JEFFERSON CTL OFC	4808 LEIPER ST	PA ARCHIVE UST	Higher	663, 0.126, East
29	COOPERATIVE DENTAL L	4909 FRANKFORD AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	777, 0.147, East
30	GENE'S AUTO BODY	1649 MEADOW STREET	RCRA NonGen / NLR, FINDS, ECHO	Higher	838, 0.159, East
31	JENSENS AUTO REPAIR	1650 HARRISON ST	RCRA-SQG, FINDS, ECHO, NY MANIFEST	Higher	865, 0.164, East
F32	FRANKFORD HOSP SCH O	4918 PENN ST	PA ARCHIVE UST	Higher	974, 0.184, East
F33	FRANKFORD SCHOOL OF	4918 PENN ST	RCRA-SQG, FINDS, ECHO	Higher	974, 0.184, East
F34	FRANKFORD HOSP SCH O	4918 PENN ST	PA UNREG LTANKS	Higher	974, 0.184, East
35	ARWAY LINEN & UNIFOR	1696 FOULKROD ST	PA UNREG LTANKS, PA ARCHIVE UST	Higher	1008, 0.191, East
36	1515 ORTHODOX ST SIT	1515 ORTHODOX ST	PA VCP	Higher	1018, 0.193, East
37	ARROTT ARMS APT	1336 ARROTT ST	PA ARCHIVE UST	Higher	1018, 0.193, East
38	ACME HEAT TREATING C	4626 HEDGE ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	1169, 0.221, East
G39	ARIA HEALTH	FRANKFORD AVE & WAKE	RCRA-CESQG, PA UST, PA ARCHIVE UST, MLTS, FINDS	Higher	1180, 0.223, East

MAPPED SITES SUMMARY

Target Property Address:
4721 OXFORD AVENUE
PHILADELPHIA, PA 19129

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
G40	WAKELING BUILDING TH	FRANKFORD AVE & WAKE	RCRA-SQG	Higher	1180, 0.223, East
G41	FRANKFORD HOSPITAL F	FRANKFORD AVE & WAKE	PA MANIFEST	Higher	1180, 0.223, East
H42	ANTKO DUFFIELD	4645 DUFFIELD ST	RCRA-SQG, FINDS, ECHO, NJ MANIFEST	Higher	1207, 0.229, East
H43	ANTKO DUFFIELD COLLI	4645 DUFFIELD ST	PA MANIFEST	Higher	1207, 0.229, East
I44	7 ELEVEN 20243	5074 FRANKFORD AVE	PA LUST, PA ARCHIVE UST	Higher	1585, 0.300, East
45	FRANKFORD HIGH SCH	OXFORD AVE & WAKELIN	PA UNREG LTANKS	Higher	1623, 0.307, ENE
I46	FRANKFORD & DARRAH S	5129 5135 FRANKFORD	PA AUL, PA VCP	Higher	1839, 0.348, East
J47	FRANKFORD BANK	4400 FRANKFORD AVE	PA UNREG LTANKS	Higher	2027, 0.384, East
J48	SALVATION ARMY	4344 FRANKFORD AVE	PA UNREG LTANKS, PA VCP	Higher	2207, 0.418, East
49	COLONIAL FLOOR COVER	4336 FRANKFORD AVE	PA LUST, PA ARCHIVE UST	Higher	2290, 0.434, East
50	GILLINGHAM COURT SIT	4541 AND 4547 TACKAW	US BROWNFIELDS, FINDS	Lower	2296, 0.435, East
51	SEPTA FRANKFORD BUS	5235 PENN ST	PA LUST, PA LAST, PA UST, PA AST, PA ARCHIVE UST,...	Higher	2461, 0.466, ENE
K52	LUSTRIK CORP	4329 PAUL ST	PA AUL, PA ARCHIVE UST, PA ACT 2-DEED	Lower	2465, 0.467, East
53	ACTION ARM LTD	1120 ORTHODOX ST LAB	PA UNREG LTANKS, PA ENG CONTROLS, PA INST CONTROL	Lower	2497, 0.473, East
K54	LUSTRIK CORP	4301-29 PAUL STREET	PA VCP	Lower	2594, 0.491, East
K55	LUSTRIK CORP	4301-29 PAUL STREET	PA AUL	Lower	2594, 0.491, 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 CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

PA SHWS..... Hazardous Sites Cleanup Act Site List

EXECUTIVE SUMMARY

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

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

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

INDIAN UST..... Underground Storage Tanks on Indian Land

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

PA HIST LF..... Abandoned Landfill Inventory

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

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

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

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

EXECUTIVE SUMMARY

2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
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)
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 ASBESTOS.....	ASBESTOS
PA DRYCLEANERS.....	Drycleaner Facility Locations
PA MINES.....	MINES
PA NPDES.....	NPDES Permit Listing
PA UIC.....	Underground Injection Wells

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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.

EXECUTIVE SUMMARY

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-LQG: 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.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/25/2019 has revealed that there is 1 RCRA-LQG site 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>
<i>AMUNEAL MANUFACTURIN</i> EPA ID:: PAD982706368	<i>4737 DARRAH ST</i>	<i>E 0 - 1/8 (0.118 mi.)</i>	<i>E21</i>	<i>27</i>

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 5 RCRA-SQG 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>
<i>MEADOW AUTO REPAIR</i> EPA ID:: PAD064354673	<i>4651 PAUL ST</i>	<i>E 0 - 1/8 (0.112 mi.)</i>	<i>C18</i>	<i>19</i>
<i>JENSENS AUTO REPAIR</i> EPA ID:: PAD987343589	<i>1650 HARRISON ST</i>	<i>E 1/8 - 1/4 (0.164 mi.)</i>	<i>31</i>	<i>54</i>
<i>FRANKFORD SCHOOL OF</i> EPA ID:: PAD987381043	<i>4918 PENN ST</i>	<i>E 1/8 - 1/4 (0.184 mi.)</i>	<i>F33</i>	<i>58</i>
WAKELING BUILDING TH EPA ID:: PAD987381068	FRANKFORD AVE & WAKE	E 1/8 - 1/4 (0.223 mi.)	G40	72
<i>ANTKO DUFFIELD</i> EPA ID:: PAR000011023	<i>4645 DUFFIELD ST</i>	<i>E 1/8 - 1/4 (0.229 mi.)</i>	<i>H42</i>	<i>78</i>

EXECUTIVE SUMMARY

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>
BOBS SVC CTR EPA ID:: PAR000025528	OXFORD AVE & PENN ST	E 0 - 1/8 (0.078 mi.)	D10	12
NEWS GLEANER PUBLICA EPA ID:: PAD987387651	1612 MARGARET ST	E 0 - 1/8 (0.081 mi.)	C11	14
ARIA HEALTH EPA ID:: PAD987381050	FRANKFORD AVE & WAKE	E 1/8 - 1/4 (0.223 mi.)	G39	65

State and tribal leaking storage tank lists

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

A review of the PA LAST list, as provided by EDR, and dated 12/11/2018 has revealed that there is 1 PA LAST site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SEPTA FRANKFORD BUS Facility Id: 608072	5235 PENN ST	ENE 1/4 - 1/2 (0.466 mi.)	51	101

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>
HOME UNITY FED SAVIN Facility Id: 610255	4806 FRANKFORD AVE	E 0 - 1/8 (0.046 mi.)	B6	10
AMUNEAL MANUFACTURIN Facility Id: 610162	4737 DARRAH ST	E 0 - 1/8 (0.118 mi.)	E21	27
JEFFERSON CTL OFC Facility Id: 608830	4808 LEIPER ST	E 1/8 - 1/4 (0.126 mi.)	D27	49
7 ELEVEN 20243 Facility Id: 608527	5074 FRANKFORD AVE	E 1/4 - 1/2 (0.300 mi.)	I44	92
COLONIAL FLOOR COVER Facility Id: 608558	4336 FRANKFORD AVE	E 1/4 - 1/2 (0.434 mi.)	49	97
SEPTA FRANKFORD BUS	5235 PENN ST	ENE 1/4 - 1/2 (0.466 mi.)	51	101

EXECUTIVE SUMMARY

Facility Id: 608072

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>
MEADOW II HOUSING DE FRANKFORD HOSP SCH O Closed: 5/7/1997	MEADOW & PAUL ST 4918 PENN ST	E 0 - 1/8 (0.115 mi.) E 1/8 - 1/4 (0.184 mi.)	C19 F34	22 60
ARWAY LINEN & UNIFOR FRANKFORD HIGH SCH FRANKFORD BANK Closed: 9/19/1995	1696 FOULKROD ST OXFORD AVE & WAKELIN 4400 FRANKFORD AVE	E 1/8 - 1/4 (0.191 mi.) ENE 1/4 - 1/2 (0.307 mi.) E 1/4 - 1/2 (0.384 mi.)	35 45 J47	60 94 96
SALVATION ARMY	4344 FRANKFORD AVE	E 1/4 - 1/2 (0.418 mi.)	J48	96
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ACTION ARM LTD	1120 ORTHODOX ST LAB	E 1/4 - 1/2 (0.473 mi.)	53	128

State and tribal registered storage tank lists

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

A review of the PA UST list, as provided by EDR, and dated 12/03/2018 has revealed that there are 2 PA 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>
FIRE SITE 056 Site ID: 586597 Tank Status: Currently In Use	1652-54 FOULKROD ST	E 1/8 - 1/4 (0.125 mi.)	26	48
ARIA HEALTH Site ID: 494177 Tank Status: Currently In Use	FRANKFORD AVE & WAKE	E 1/8 - 1/4 (0.223 mi.)	G39	65

PA AST: The Aboveground Storage Tank database contains registered ASTs from the Department of Environmental Protection's Listing of Pennsylvania Regulated Aboveground Storage Tanks.

A review of the PA AST list, as provided by EDR, and dated 12/03/2018 has revealed that there is 1 PA AST site 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>
JEFFERSON CTL OFC Site ID: 586931	4808 LEIPER ST	E 1/8 - 1/4 (0.126 mi.)	D27	49

EXECUTIVE SUMMARY

Tank Status: C

State and tribal institutional control / engineering control registries

PA ENG CONTROLS: 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.

A review of the PA ENG CONTROLS list, as provided by EDR, and dated 05/15/2008 has revealed that there is 1 PA ENG CONTROLS 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>
ACTION ARM LTD Primary Facility Id: 619652	1120 ORTHODOX ST LAB	E 1/4 - 1/2 (0.473 mi.)	53	128

PA AUL: A listing of sites with environmental covenants.

A review of the PA AUL list, as provided by EDR, and dated 01/15/2019 has revealed that there are 3 PA AUL 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>
FRANKFORD & DARRAH S Facility Id: 716772	5129 5135 FRANKFORD	E 1/4 - 1/2 (0.348 mi.)	I46	94

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LUSTRIK CORP Facility Id: 608166	4329 PAUL ST	E 1/4 - 1/2 (0.467 mi.)	K52	127
LUSTRIK CORP Facility Id: 675968	4301-29 PAUL STREET	E 1/4 - 1/2 (0.491 mi.)	K55	138

PA INST CONTROL: Under Act 2 and the accompanying regulations, Administration of Land Recycling Program, persons who perform a site cleanup using a site-specific standard or affect a special industrial area cleanup may use engineering or institutional controls to attain the cleanup. The sites listed had either an engineering control and/or an institutional control used in the remediation of the site.

A review of the PA INST CONTROL list, as provided by EDR, and dated 05/15/2008 has revealed that there is 1 PA INST CONTROL 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>
ACTION ARM LTD Primary Facility Id: 619652	1120 ORTHODOX ST LAB	E 1/4 - 1/2 (0.473 mi.)	53	128

EXECUTIVE SUMMARY

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 5 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>
1515 ORTHODOX ST SIT Activity ID: 783805	1515 ORTHODOX ST	E 1/8 - 1/4 (0.193 mi.)	36	62
FRANKFORD & DARRAH S Activity ID: 716772	5129 5135 FRANKFORD	E 1/4 - 1/2 (0.348 mi.)	I46	94
SALVATION ARMY Activity ID: 619023	4344 FRANKFORD AVE	E 1/4 - 1/2 (0.418 mi.)	J48	96
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ACTION ARM LTD Activity ID: 619652	1120 ORTHODOX ST LAB	E 1/4 - 1/2 (0.473 mi.)	53	128
LUSTRIK CORP Activity ID: 675968	4301-29 PAUL STREET	E 1/4 - 1/2 (0.491 mi.)	K54	134

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 is 1 US BROWNFIELDS 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>
GILLINGHAM COURT SIT ACRES property ID: 233682	4541 AND 4547 TACKAW	E 1/4 - 1/2 (0.435 mi.)	50	98

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

EXECUTIVE SUMMARY

are 8 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>
PHILA UNITED BANK Status: Closed Without a Permit Facility Id: 51-46231	4806 FRANKFORD AVE	E 0 - 1/8 (0.046 mi.)	B5	9
HOME UNITY FED SAVIN Status: CURRENTLY IN USE Facility Id: 51-35383	4806 FRANKFORD AVE	E 0 - 1/8 (0.046 mi.)	B6	10
AMUNEAL MFG Status: Closed Without a Permit Facility Id: 51-45833	4737 DARRAH ST	E 0 - 1/8 (0.118 mi.)	E22	41
JEFFERSON CTL OFC Status: Closed Without a Permit Facility Id: 51-35943	4808 LEIPER ST	E 1/8 - 1/4 (0.126 mi.)	D28	50
FRANKFORD HOSP SCH O Status: Closed Without a Permit Facility Id: 51-45865	4918 PENN ST	E 1/8 - 1/4 (0.184 mi.)	F32	58
ARWAY LINEN & UNIFOR Status: C Facility Id: 51-42686 Site ID: 587370	1696 FOULKROD ST	E 1/8 - 1/4 (0.191 mi.)	35	60
ARROTT ARMS APT Status: CURRENTLY IN USE Facility Id: 51-43141	1336 ARROTT ST	E 1/8 - 1/4 (0.193 mi.)	37	62
ARIA HEALTH Status: Exempt Facility Id: 51-07659	FRANKFORD AVE & WAKE	E 1/8 - 1/4 (0.223 mi.)	G39	65

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 are 2 PA ACT 2-DEED sites 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>
LUSTRIK CORP	4329 PAUL ST	E 1/4 - 1/2 (0.467 mi.)	K52	127
ACTION ARM LTD	1120 ORTHODOX ST LAB	E 1/4 - 1/2 (0.473 mi.)	53	128

EXECUTIVE SUMMARY

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 there are 5 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>
BILL GALANTI CLEANER EPA ID:: PAD014697338	4810 PENN ST	E 0 - 1/8 (0.099 mi.)	D16	17
ACCURATE METAL SPINN EPA ID:: PAD002279784	4678-80 DARRAH	E 0 - 1/8 (0.118 mi.)	E24	46
COOPERATIVE DENTAL L EPA ID:: PAD014665558	4909 FRANKFORD AVE	E 1/8 - 1/4 (0.147 mi.)	29	51
GENE'S AUTO BODY EPA ID:: PAD080800337	1649 MEADOW STREET	E 1/8 - 1/4 (0.159 mi.)	30	53
ACME HEAT TREATING C EPA ID:: PAD054747829	4626 HEDGE ST	E 1/8 - 1/4 (0.221 mi.)	38	63

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 4 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>
AMUNEAL MANUFACTURIN Generator EPA Id: PAD982706368	4737 DARRAH ST	E 0 - 1/8 (0.118 mi.)	E20	22
AMUNEAL MANUFACTURIN Generator EPA Id: PAD982706368	4737 DARRAH STREET	E 0 - 1/8 (0.118 mi.)	E23	41
FRANKFORD HOSPITAL F Generator EPA Id: PAD987381050	FRANKFORD AVE & WAKE	E 1/8 - 1/4 (0.223 mi.)	G41	73
ANTKO DUFFIELD COLLI Generator EPA Id: PAR000011023	4645 DUFFIELD ST	E 1/8 - 1/4 (0.229 mi.)	H43	87

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2017 has revealed that there is 1 NJ MANIFEST site 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>
ANTKO DUFFIELD EPA Id: PAR000011023	4645 DUFFIELD ST	E 1/8 - 1/4 (0.229 mi.)	H42	78

EXECUTIVE SUMMARY

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 are 2 NY 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>
AMUNEAL MANUFACTURIN EPA ID: PAD982706368	4737 DARRAH ST	E 0 - 1/8 (0.118 mi.)	E21	27
JENSENS AUTO REPAIR EPA ID: PAD987343589	1650 HARRISON ST	E 1/8 - 1/4 (0.164 mi.)	31	54

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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 5 EDR Hist Auto 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>
BOLAND GEORGE & JACK	OXFORD & GRISCOM	E 0 - 1/8 (0.008 mi.)	A1	8
HAGGERTY JOS	1537 FOULKROD ST	E 0 - 1/8 (0.025 mi.)	B3	8
WILLYS KNIGHT SERVIC	4745 PENN ST	E 0 - 1/8 (0.055 mi.)	A8	12
CASTOR LEWIS F CO	1627 37 MARGARET ST	E 0 - 1/8 (0.089 mi.)	E12	16
CASTOR LEWIS F JR	1627 MARGARET ST	E 0 - 1/8 (0.089 mi.)	E13	16

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 8 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>
DEES CLEANERS & DYER	4736 FRANKFORD AVE	E 0 - 1/8 (0.018 mi.)	A2	8
SING LEE	1531 FOULKROD ST	E 0 - 1/8 (0.026 mi.)	B4	9

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DANDEE CLEANERS	1525 ARROTT ST	E 0 - 1/8 (0.049 mi.)	7	11
REX ONE HOUR CLEANER	4673 FRANKFORD	E 0 - 1/8 (0.069 mi.)	C9	12
OGAN YUN CHA	4842 FRANKFORD AVE	E 0 - 1/8 (0.096 mi.)	14	16
GALANTI WILLIAM	4810 PENN ST	E 0 - 1/8 (0.099 mi.)	D15	17
WILLIAM LUM SUM	1634 MARGARET ST	E 0 - 1/8 (0.112 mi.)	E17	19
CLOVER CLEANERS AND	4653 FRANKFORD AVE	E 0 - 1/8 (0.121 mi.)	25	48

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

<u>Site Name</u>	<u>Database(s)</u>
ADVANSIX RESINS & CHEMICALS LLC	CORRACTS, RCRA-TSDF, RCRA-LQG,
MISO DRUM ER 7-1-96	US FIN ASSUR
WILSON PRK APTS	SEMS-ARCHIVE
	PA UNREG LTANKS

OVERVIEW MAP - 5652198.2S



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

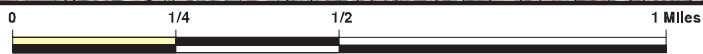
Power transmission lines

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: 4721 OXFORD AVENUE
 ADDRESS: 4721 OXFORD AVENUE
 Philadelphia PA 19124
 LAT/LONG: 40.006586 / 75.188515

CLIENT: R.T. Environmental Services
 CONTACT: Jeremy Xu
 INQUIRY #: 5652198.2s
 DATE: May 14, 2019 4:50 pm

DETAIL MAP - 5652198.2S



-  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

0 1/16 1/8 1/4 Miles

 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: 4721 OXFORD AVENUE ADDRESS: 4721 OXFORD AVENUE Philadelphia PA 19124 LAT/LONG: 40.006586 / 75.188515	CLIENT: R.T. Environmental Services CONTACT: Jeremy Xu INQUIRY #: 5652198.2s DATE: May 14, 2019 4:52 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	1.000		0	0	0	0	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	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		1	0	NR	NR	NR	1
RCRA-SQG	0.250		1	4	NR	NR	NR	5
RCRA-CESQG	0.250		2	1	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	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
PA SHWS	1.000		0	0	0	0	NR	0
PA HSCA	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
PA SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
PA LAST	0.500		0	0	1	NR	NR	1
PA LUST	0.500		2	1	3	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		1	2	4	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	2	NR	NR	NR	2
PA AST	0.250		0	1	NR	NR	NR	1
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	1	NR	NR	1
PA AUL	0.500		0	0	3	NR	NR	3
PA INST CONTROL	0.500		0	0	1	NR	NR	1
State and tribal voluntary cleanup sites								
PA VCP	0.500		0	1	4	NR	NR	5
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	1	NR	NR	1
Local Lists of Landfill / Solid Waste Disposal Sites								
PA HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	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	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
PA ARCHIVE UST	0.250		3	5	NR	NR	NR	8
PA ARCHIVE AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
PA ACT 2-DEED	0.500		0	0	2	NR	NR	2
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
PA SPILLS	TP		NR	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
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		2	3	NR	NR	NR	5
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	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PA AIRS	TP		NR	NR	NR	NR	NR	0
PA ASBESTOS	TP		NR	NR	NR	NR	NR	0
PA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
PA MANIFEST	0.250		2	2	NR	NR	NR	4
NJ MANIFEST	0.250		0	1	NR	NR	NR	1
NY MANIFEST	0.250		1	1	NR	NR	NR	2
PA MINES	0.250		0	0	NR	NR	NR	0
PA NPDES	TP		NR	NR	NR	NR	NR	0
PA UIC	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
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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		5	NR	NR	NR	NR	5
EDR Hist Cleaner	0.125		8	NR	NR	NR	NR	8
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
PA RGA HWS	TP		NR	NR	NR	NR	NR	0
PA RGA LF	TP		NR	NR	NR	NR	NR	0
PA RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	28	24	20	0	0	72

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

<p>A1 East < 1/8 0.008 mi. 40 ft.</p>	<p>BOLAND GEORGE & JACK OXFORD & GRISCOM PHILADELPHIA, PA 19124</p> <p>Site 1 of 3 in cluster A</p> <p>Relative: EDR Hist Auto Higher</p> <p>Actual: 76 ft.</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">Year:</td> <td style="width: 30%;">Name:</td> <td style="width: 55%;">Type:</td> </tr> <tr> <td>1975</td> <td>BOLAND GEORGE & JACK</td> <td>Gasoline Service Stations</td> </tr> <tr> <td>1976</td> <td>BOLAND GEORGE & JACK</td> <td>Gasoline Service Stations</td> </tr> </table>	Year:	Name:	Type:	1975	BOLAND GEORGE & JACK	Gasoline Service Stations	1976	BOLAND GEORGE & JACK	Gasoline Service Stations	<p>EDR Hist Auto</p>	<p>1020955700 N/A</p>
Year:	Name:	Type:										
1975	BOLAND GEORGE & JACK	Gasoline Service Stations										
1976	BOLAND GEORGE & JACK	Gasoline Service Stations										

<p>A2 East < 1/8 0.018 mi. 94 ft.</p>	<p>DEES CLEANERS & DYERS 4736 FRANKFORD AVE PHILADELPHIA, PA 19124</p> <p>Site 2 of 3 in cluster A</p> <p>Relative: EDR Hist Cleaner Higher</p> <p>Actual: 72 ft.</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">Year:</td> <td style="width: 30%;">Name:</td> <td style="width: 55%;">Type:</td> </tr> <tr> <td>1969</td> <td>DEES CLEANERS & DYERS</td> <td>Drycleaning Plants, Except Rugs</td> </tr> <tr> <td>1970</td> <td>DEES CLEANERS & DYERS</td> <td>Drycleaning Plants, Except Rugs</td> </tr> <tr> <td>1971</td> <td>DEES CLEANERS & DYERS</td> <td>Drycleaning Plants, Except Rugs</td> </tr> <tr> <td>1972</td> <td>DEES CLEANERS & DYERS</td> <td>Drycleaning Plants, Except Rugs</td> </tr> <tr> <td>1973</td> <td>DEES CLEANERS & DYERS</td> <td>Drycleaning Plants, Except Rugs</td> </tr> <tr> <td>1974</td> <td>DEES CLEANERS & DYERS</td> <td>Drycleaning Plants, Except Rugs</td> </tr> <tr> <td>1975</td> <td>DEES CLEANERS & DYERS</td> <td>Drycleaning Plants, Except Rugs</td> </tr> <tr> <td>2001</td> <td>MERCURY CLEANERS AND DYERS</td> <td>Drycleaning Plants, Except Rugs, NEC</td> </tr> <tr> <td>2001</td> <td>MOON CLEANERS & DYERS INC</td> <td>Drycleaning Plants, Except Rugs, NEC</td> </tr> <tr> <td>2002</td> <td>MOON CLEANERS & DYERS INC</td> <td>Drycleaning Plants, Except Rugs, NEC</td> </tr> <tr> <td>2002</td> <td>MERCURY CLEANERS AND DYERS</td> <td>Drycleaning Plants, Except Rugs, NEC</td> </tr> <tr> <td>2003</td> <td>MERCURY CLEANERS AND DYERS</td> <td>Drycleaning Plants, Except Rugs, NEC</td> </tr> <tr> <td>2003</td> <td>MOON CLEANERS & DYERS INC</td> <td>Drycleaning Plants, Except Rugs, NEC</td> </tr> <tr> <td>2004</td> <td>MOON CLEANERS & DYERS INC</td> <td>Drycleaning Plants, Except Rugs, NEC</td> </tr> <tr> <td>2004</td> <td>MERCURY CLEANERS AND DYERS</td> <td>Drycleaning Plants, Except Rugs, NEC</td> </tr> </table>	Year:	Name:	Type:	1969	DEES CLEANERS & DYERS	Drycleaning Plants, Except Rugs	1970	DEES CLEANERS & DYERS	Drycleaning Plants, Except Rugs	1971	DEES CLEANERS & DYERS	Drycleaning Plants, Except Rugs	1972	DEES CLEANERS & DYERS	Drycleaning Plants, Except Rugs	1973	DEES CLEANERS & DYERS	Drycleaning Plants, Except Rugs	1974	DEES CLEANERS & DYERS	Drycleaning Plants, Except Rugs	1975	DEES CLEANERS & DYERS	Drycleaning Plants, Except Rugs	2001	MERCURY CLEANERS AND DYERS	Drycleaning Plants, Except Rugs, NEC	2001	MOON CLEANERS & DYERS INC	Drycleaning Plants, Except Rugs, NEC	2002	MOON CLEANERS & DYERS INC	Drycleaning Plants, Except Rugs, NEC	2002	MERCURY CLEANERS AND DYERS	Drycleaning Plants, Except Rugs, NEC	2003	MERCURY CLEANERS AND DYERS	Drycleaning Plants, Except Rugs, NEC	2003	MOON CLEANERS & DYERS INC	Drycleaning Plants, Except Rugs, NEC	2004	MOON CLEANERS & DYERS INC	Drycleaning Plants, Except Rugs, NEC	2004	MERCURY CLEANERS AND DYERS	Drycleaning Plants, Except Rugs, NEC	<p>EDR Hist Cleaner</p>	<p>1019970672 N/A</p>
Year:	Name:	Type:																																																	
1969	DEES CLEANERS & DYERS	Drycleaning Plants, Except Rugs																																																	
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<p>B3 East < 1/8 0.025 mi. 131 ft.</p>	<p>HAGGERTY JOS 1537 FOULKROD ST PHILADELPHIA, PA</p> <p>Site 1 of 4 in cluster B</p> <p>Relative: EDR Hist Auto Higher</p> <p>Actual: 74 ft.</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">Year:</td> <td style="width: 30%;">Name:</td> <td style="width: 55%;">Type:</td> </tr> <tr> <td>1936</td> <td>HAGGERTY JOS</td> <td>AUTOMOBILE REPAIRING</td> </tr> </table>	Year:	Name:	Type:	1936	HAGGERTY JOS	AUTOMOBILE REPAIRING	<p>EDR Hist Auto</p>	<p>1009091249 N/A</p>
Year:	Name:	Type:							
1936	HAGGERTY JOS	AUTOMOBILE REPAIRING							

MAP FINDINGS

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

B4 East < 1/8 0.026 mi. 138 ft.	SING LEE 1531 FOULKROD ST PHILADELPHIA, PA Site 2 of 4 in cluster B EDR Hist Cleaner Year: Name: Type: 1930 SING LEE LAUNDRIES CHINESE 1936 SING LEE LAUNDRIES	EDR Hist Cleaner 1009197517 N/A
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B5 East < 1/8 0.046 mi. 243 ft.	PHILA UNITED BANK 4806 FRANKFORD AVE PHILADELPHIA, PA 19106 Site 3 of 4 in cluster B ARCHIVE UST: Facility Id: 51-46231 Site ID: Not reported Municipality: Philadelphia City Client Date: Not reported Owner Id: Not reported Owner Name: RESOLUTION TRUST CORP Owner Address: 1000 ADAMS AVE Owner Address 2: Not reported Owner City,St,Zip: NORRISTOWN, PA 19403-2402 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: 6000 Substance: Heating Oil Tank Substance End Date: Not reported Install Date: 05/09/1995 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	PA ARCHIVE UST S119705857 N/A
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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B6
East
< 1/8
0.046 mi.
243 ft.

HOME UNITY FED SAVINGS & LOAN
4806 FRANKFORD AVE
PHILADELPHIA, PA 19124

PA LUST **S111111561**
PA ARCHIVE UST **N/A**

Site 4 of 4 in cluster B

Relative:
Higher
Actual:
73 ft.

LUST:
Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 610255
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Administrative Close Out (ACO)
Status Date: 05/09/1995
Confirmed Date: 05/09/1995
Program Other Id: 51-46231
Client: RESOLUTION TRUST CORP
Incident Id: 5991
Incident Desc: NORV
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: CLOS
Source Cause Of Release: OVER
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: 40.018073
Longitude: -75.082481

ARCHIVE UST:

Facility Id: 51-35383
Site ID: Not reported
Municipality: Not reported
Client Date: Not reported
Owner Id: 33249
Owner Name: HOME UNITY FED SAVINGS & LOAN
Owner Address: 618 GERMANTOWN PIKE
Owner Address 2: Not reported
Owner City,St,Zip: LAFAYETTE HILL, PA 19444
Owner Phone: 2158258900
Owner County Code: 46
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: 124890
Status: CURRENTLY IN USE
Status Code End Date: Not reported
Capacity: 5000
Substance: HEATING OIL
Tank Substance End Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HOME UNITY FED SAVINGS & LOAN (Continued)

S111111561

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

7
East
< 1/8
0.049 mi.
257 ft.

DANDEE CLEANERS
1525 ARROTT ST
PHILADELPHIA, PA 19124

EDR Hist Cleaner 1018728367
N/A

Relative:
Higher

EDR Hist Cleaner

Actual:
75 ft.

Year:	Name:	Type:
1971	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
1972	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
1973	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
1974	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
1975	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
1976	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
1977	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
1978	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
1979	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
1980	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
1982	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
1983	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
1985	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
1986	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
1987	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
1988	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
1989	DANDEE CLEANERS	Drycleaning Plants, Except Rugs, NEC
1990	DANDEE CLEANERS	Drycleaning Plants, Except Rugs, NEC
1991	DANDEE CLEANERS	Drycleaning Plants, Except Rugs, NEC
1992	DANDEE CLEANERS	Drycleaning Plants, Except Rugs, NEC
1993	DANDEE CLEANERS	Drycleaning Plants, Except Rugs, NEC
1995	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
1996	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
1997	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
1998	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
1999	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
2000	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
2001	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
2002	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
2003	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
2004	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
2005	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
2006	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
2007	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
2008	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
2009	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
2010	DANDEE CLEANERS	Drycleaning Plants, Except Rugs

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DANDEE CLEANERS (Continued)

1018728367

2011	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
2012	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
2013	DANDEE CLEANERS	Drycleaning Plants, Except Rugs
2014	DANDEE CLEANERS	Drycleaning Plants, Except Rugs

A8
 East
 < 1/8
 0.055 mi.
 292 ft.

WILLYS KNIGHT SERVICE STATION
4745 PENN ST
PHILADELPHIA, PA

EDR Hist Auto

1009090681
 N/A

Site 3 of 3 in cluster A

**Relative:
 Higher**

EDR Hist Auto

**Actual:
 79 ft.**

Year:	Name:	Type:
1936	WILLYS KNIGHT SERVICE STATION	AUTOMOBILE REPAIRING
1993	B&C AUTO REPAIR	General Automotive Repair Shops
1994	B&C AUTO REPAIR	General Automotive Repair Shops

C9
 East
 < 1/8
 0.069 mi.
 363 ft.

REX ONE HOUR CLEANERS INC
4673 FRANKFORD
PHILADELPHIA, PA 19124

EDR Hist Cleaner

1020074030
 N/A

Site 1 of 4 in cluster C

**Relative:
 Higher**

EDR Hist Cleaner

**Actual:
 64 ft.**

Year:	Name:	Type:
1969	REX ONE HOUR CLEANERS INC	Drycleaning Plants, Except Rugs
1970	REX ONE HOUR CLEANERS INC	Drycleaning Plants, Except Rugs
1971	REX ONE HOUR CLEANERS INC	Drycleaning Plants, Except Rugs
1972	REX ONE HOUR CLEANERS INC	Drycleaning Plants, Except Rugs
1973	REX ONE HOUR CLEANERS INC	Drycleaning Plants, Except Rugs
1974	REX ONE HOUR CLEANERS INC	Drycleaning Plants, Except Rugs
1975	REX ONE HOUR CLEANERS INC	Drycleaning Plants, Except Rugs
1977	CHERI STARGLO CLEANERS	Drycleaning Plants, Except Rugs
1978	CHERI STARGLO CLEANERS	Drycleaning Plants, Except Rugs
1979	CHERI STARGLO CLEANERS	Drycleaning Plants, Except Rugs
1980	CHERI STARGLO CLEANERS	Drycleaning Plants, Except Rugs
1982	CHERI STARGLO CLEANERS	Drycleaning Plants, Except Rugs
2001	REX ONE HOUR CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2002	REX ONE HOUR CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2003	REX ONE HOUR CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2004	REX ONE HOUR CLEANERS INC	Drycleaning Plants, Except Rugs, NEC

D10
 East
 < 1/8
 0.078 mi.
 413 ft.

BOBS SVC CTR
OXFORD AVE & PENN ST
PHILADELPHIA, PA 19124

RCRA-CESQG

1004777277
PAR000025528

Site 1 of 5 in cluster D

**Relative:
 Higher**

RCRA-CESQG:

Date form received by agency: 03/04/1996

**Actual:
 79 ft.**

Facility name:	BOBS SVC CTR
Facility address:	OXFORD AVE & PENN ST PHILADELPHIA, PA 19124

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOBS SVC CTR (Continued)

1004777277

EPA ID: PAR000025528
Contact: ROBERT SCHULER
Contact address: OXFORD AVE & PENN ST
PHILADELPHIA, PA 19124
Contact country: US
Contact telephone: 215-743-8650
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: BOBS SVC CTR
Owner/operator address: OXFORD AVE & PENN ST
PHILADELPHIA, PA 19124
Owner/operator country: Not reported
Owner/operator telephone: 215-743-8650
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
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: D006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOBS SVC CTR (Continued)

1004777277

. Waste name: CADMIUM
. Waste code: D039
. Waste name: TETRACHLOROETHYLENE
Violation Status: No violations found

C11
East
< 1/8
0.081 mi.
426 ft.

NEWS GLEANER PUBLICATIONS
1612 MARGARET ST
PHILADELPHIA, PA 19124

RCRA-CESQG
FINDS
ECHO

1000799018
PAD987387651

Site 2 of 4 in cluster C

Relative:
Higher
Actual:
61 ft.

RCRA-CESQG:
Date form received by agency: 08/13/1992
Facility name: NEWS GLEANER PUBLICATIONS
Facility address: 1612 MARGARET ST
PHILADELPHIA, PA 19124
EPA ID: PAD987387651
Contact: MICHAEL MATTIACCI
Contact address: 1612 MARGARET ST
PHILADELPHIA, PA 19124
Contact country: US
Contact telephone: 215-535-4274
Contact email: Not reported
EPA Region: 03
Land type: Facility is not located on Indian land. Additional information is not known.
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: COULSTON S HENRY
Owner/operator address: 1612 MARGARET ST
PHILADELPHIA, PA 19124
Owner/operator country: Not reported
Owner/operator telephone: 215-535-4274
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEWS GLEANER PUBLICATIONS (Continued)

1000799018

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: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 08/05/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110000923118

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.

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

ECHO:

Envid: 1000799018
Registry ID: 110000923118

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

NEWS GLEANER PUBLICATIONS (Continued)

1000799018

DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000923118>

E12
East
< 1/8
0.089 mi.
468 ft.

CASTOR LEWIS F CO
1627 37 MARGARET ST
PHILADELPHIA, PA

EDR Hist Auto

1009119105
N/A

Site 1 of 8 in cluster E

Relative:
Higher

EDR Hist Auto

Actual:
60 ft.

Year:	Name:
1920	CASTOR LEWIS F CO
1985	ASPITE INC
1986	ASPITE INC
1987	ASPITE INC
1988	ASPITE INC
1989	ASPITE INC
1990	ASPITE INC
1991	ASPITE INC
1992	ASPITE INC

Type:
AUTOMOBILE REPAIRING
General Automotive Repair Shops
General Automotive Repair Shops
General Automotive Repair Shops
General Automotive Repair Shops
General Automotive Repair Shops
General Automotive Repair Shops
General Automotive Repair Shops
General Automotive Repair Shops

E13
East
< 1/8
0.089 mi.
470 ft.

CASTOR LEWIS F JR
1627 MARGARET ST
PHILADELPHIA, PA

EDR Hist Auto

1009089515
N/A

Site 2 of 8 in cluster E

Relative:
Higher

EDR Hist Auto

Actual:
60 ft.

Year:	Name:
1925	CASTOR LEWIS F
1925	CASTOR LEWIS F
1930	CASTOR LEWIS F JR
1936	CASTOR LEWIS F JR

Type:
AUTOMOBILE REPAIRERS
AUTOMOBILE REPAIRING
AUTOMOBILE REPAIRING
AUTOMOBILE REPAIRING

14
East
< 1/8
0.096 mi.
508 ft.

OGAN YUN CHA
4842 FRANKFORD AVE
PHILADELPHIA, PA 19124

EDR Hist Cleaner

1018602821
N/A

Relative:
Higher

EDR Hist Cleaner

Actual:
76 ft.

Year:	Name:
1988	OGAN YUN CHA
1989	OGAN YUN CHA
1990	OGAN YUN CHA
1991	OGAN YUN CHA

Type:
Drycleaning Plants, Except Rugs
Garment Pressing And Cleaners' Agents
Garment Pressing And Cleaners' Agents
Garment Pressing And Cleaners' Agents

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

D15 GALANTI WILLIAM EDR Hist Cleaner 1018835995
East 4810 PENN ST N/A
< 1/8 PHILADELPHIA, PA 19124
0.099 mi.
524 ft. Site 2 of 5 in cluster D

Relative: EDR Hist Cleaner
Higher

Actual: 81 ft.	Year:	Name:	Type:
	1974	GALANTI WILLIAM N	Drycleaning Plants, Except Rugs
	1975	GALANTI WILLIAM N	Drycleaning Plants, Except Rugs
	1976	GALANTI WILLIAM N	Drycleaning Plants, Except Rugs
	1977	GALANTI WILLIAM N	Drycleaning Plants, Except Rugs
	1978	GALANTI WILLIAM N	Drycleaning Plants, Except Rugs
	1979	GALANTI WILLIAM N	Drycleaning Plants, Except Rugs
	1980	GALANTI WILLIAM N	Drycleaning Plants, Except Rugs
	1982	GALANTI WILLIAM	Drycleaning Plants, Except Rugs
	1983	GALANTI WILLIAM	Drycleaning Plants, Except Rugs
	1985	GALANTI WILLIAM	Drycleaning Plants, Except Rugs
	1986	GALANTI WILLIAM	Drycleaning Plants, Except Rugs
	1987	GALANTI WILLIAM	Drycleaning Plants, Except Rugs
	1988	GALANTI WILLIAM	Drycleaning Plants, Except Rugs
	1989	GALANTI WILLIAM	Drycleaning Plants, Except Rugs, NEC
	1990	GALANTI WILLIAM	Drycleaning Plants, Except Rugs, NEC
	1991	GALANTI WILLIAM	Drycleaning Plants, Except Rugs, NEC
	1992	GALANTI WILLIAM	Drycleaning Plants, Except Rugs, NEC
	1993	GALANTI WILLIAM	Drycleaning Plants, Except Rugs, NEC
	1994	GALANTI WILLIAM	Drycleaning Plants, Except Rugs, NEC
	1995	GALANTI WILLIAM	Drycleaning Plants, Except Rugs, NEC
	1996	GALANTI WILLIAM	Drycleaning Plants, Except Rugs, NEC
	1997	GALANTI WILLIAM	Drycleaning Plants, Except Rugs, NEC
	1999	GALANTI CLEANERS & TAILORS	Drycleaning Plants, Except Rugs
	2000	GALANTI CLEANERS & TAILORS	Drycleaning Plants, Except Rugs
	2001	GALANTI CLEANERS & TAILORS	Drycleaning Plants, Except Rugs
	2002	GALANTI CLEANERS & TAILORS	Drycleaning Plants, Except Rugs
	2006	J C DRY CLEANERS	Drycleaning Plants, Except Rugs
	2007	J C DRY CLEANERS	Drycleaning Plants, Except Rugs
	2008	J C DRY CLEANERS	Drycleaning Plants, Except Rugs
	2009	J C DRY CLEANERS	Drycleaning Plants, Except Rugs
	2010	J C DRY CLEANERS	Drycleaning Plants, Except Rugs
	2011	J C DRY CLEANERS	Drycleaning Plants, Except Rugs
	2012	J C DRY CLEANERS	Drycleaning Plants, Except Rugs
	2013	J C DRY CLEANERS	Drycleaning Plants, Except Rugs
	2014	J C DRY CLEANERS	Drycleaning Plants, Except Rugs

D16 BILL GALANTI CLEANERS RCRA NonGen / NLR 1015749598
East 4810 PENN ST FINDS PAD014697338
< 1/8 PHILADELPHIA, PA 19124 ECHO
0.099 mi.
524 ft. Site 3 of 5 in cluster D

Relative: RCRA NonGen / NLR:
Higher Date form received by agency: 06/20/2018
Actual: Facility name: BILL GALANTI CLEANERS
81 ft. Facility address: 4810 PENN ST
 PHILADELPHIA, PA 19124-5940
 EPA ID: PAD014697338
 Contact: Not reported
 Contact address: Not reported
 Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILL GALANTI CLEANERS (Continued)

1015749598

Contact country: Not reported
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: 08/01/2012
Site name: BILL GALANTI CLEANERS
Classification: Not a generator, verified

Date form received by agency: 07/09/1985
Site name: GALANTI CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLORO BENZENE, 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.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BILL GALANTI CLEANERS (Continued)

1015749598

Violation Status: No violations found

FINDS:

Registry ID: 110060047916

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.

ECHO:

Envid: 1015749598
 Registry ID: 110060047916
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110060047916>

E17	WILLIAM LUM SUM	EDR Hist Cleaner	1009198043
East	1634 MARGARET ST		N/A
< 1/8	PHILADELPHIA, PA		
0.112 mi.	Site 3 of 8 in cluster E		
590 ft.			
Relative:	EDR Hist Cleaner		
Higher			
Actual:	Year: Name:	Type:	
58 ft.	1925 WILLIAM LUM SUM	LAUNDRIES CHINESE	
	1930 LEE LOUIE	LAUNDRIES CHINESE	

C18	MEADOW AUTO REPAIR	RCRA-SQG	1000191799
East	4651 PAUL ST	FINDS	PAD064354673
< 1/8	PHILADELPHIA, PA 19124	ECHO	
0.112 mi.	Site 3 of 4 in cluster C		
592 ft.			
Relative:	RCRA-SQG:		
Higher	Date form received by agency: 09/04/1986		
Actual:	Facility name: MEADOW AUTO REPAIR		
60 ft.	Facility address: 4651 PAUL ST		
	PHILADELPHIA, PA 19124		
	EPA ID: PAD064354673		
	Contact: A. CAPPUCCIO		
	Contact address: 4651 PAUL ST		
	PHILADELPHIA, PA 19124		
	Contact country: US		

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEADOW AUTO REPAIR (Continued)

1000191799

Contact telephone: 215-288-8041
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: 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: CAPPUCCIO, A
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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEADOW AUTO REPAIR (Continued)

1000191799

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

- . 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: F004
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; 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, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110001014269

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: 1000191799
Registry ID: 110001014269
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110001014269>

MAP FINDINGS

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

C19	MEADOW II HOUSING DEV	PA UNREG LTANKS	S105919647
East	MEADOW & PAUL ST		N/A
< 1/8	PHILADELPHIA, PA		
0.115 mi.			
608 ft.	Site 4 of 4 in cluster C		
Relative:	UNREG LTANKS:		
Higher	Region: South East		
Actual:	Contaminant: PHC's		
61 ft.	Closed: Not reported		
	Class: Cleanup of Tanks using authorities other than Act 32		

E20	AMUNEAL MANUFACTURING CORP	PA MANIFEST	S116736352
East	4737 DARRAH ST		N/A
< 1/8	PHILADELPHIA, PA 19124		
0.118 mi.			
622 ft.	Site 4 of 8 in cluster E		
Relative:	Manifest Details:		
Higher	Year: 2017		
Actual:	Manifest Number: 008925173FLE		
58 ft.	Manifest Type: TSD Copy		
	Generator EPA Id: PAD982706368		
	Generator Date: 07/13/2017		
	Mailing Address: Not reported		
	Mailing City,St,Zip: Not reported		
	Contact Name: Not reported		
	Contact Phone: 215-535-3000		
	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: 2		
	Waste Number: D001		
	Container Number: 1		
	Container Type: Fiberboard or plastic drums, barrels, kegs		
	Waste Quantity: 25		
	Unit: Pounds		
	Handling Code: Not reported		
	TSP EPA Id: PAD067098822		
	Date TSP Sig: Not reported		
	 Year: 2017		
	Manifest Number: 008925173FLE		
	Manifest Type: TSD Copy		
	Generator EPA Id: PAD982706368		
	Generator Date: 07/13/2017		
	Mailing Address: Not reported		
	Mailing City,St,Zip: Not reported		
	Contact Name: Not reported		
	Contact Phone: 215-535-3000		
	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		

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMUNEAL MANUFACTURING CORP (Continued)

S116736352

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: 15
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD067098822
Date TSP Sig: Not reported

Year: 2017
Manifest Number: 008925173FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD982706368
Generator Date: 07/13/2017
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-535-3000
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
Waste Number: D001
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 200
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD067098822
Date TSP Sig: Not reported

Year: 2015
Manifest Number: 005164666FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD982706368
Generator Date: 08/06/2015
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-535-3000
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMUNEAL MANUFACTURING CORP (Continued)

S116736352

Line Number: 1
Waste Number: U228
Container Number: 3
Container Type: Metal drums, barrels, kegs
Waste Quantity: 165
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: PAD067098822
Date TSP Sig: Not reported

Year: 2015
Manifest Number: 006472043FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD982706368
Generator Date: 02/23/2015
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-535-3000
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: BRIDGEPORT UNITED RECYCLING
TSD Facility Address: 50 CROSS ST
TSD Facility City: BRIDGEPORT
TSD Facility State: CT
Facility Telephone: Not reported

Page Number: 1
Line Number: 1
Waste Number: D002
Container Number: 1
Container Type: Cargo tanks (tank trucks)
Waste Quantity: 4000
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: CTD002593887
Date TSP Sig: Not reported

Year: 2015
Manifest Number: 005164666FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD982706368
Generator Date: 08/06/2015
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-535-3000
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: 3
Waste Number: D001
Container Number: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMUNEAL MANUFACTURING CORP (Continued)

S116736352

Container Type: Metal drums, barrels, kegs
Waste Quantity: 150
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD067098822
Date TSP Sig: Not reported

Year: 2015
Manifest Number: 005164666FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD982706368
Generator Date: 08/06/2015
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-535-3000
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
Waste Number: D040
Container Number: 3
Container Type: Metal drums, barrels, kegs
Waste Quantity: 165
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: PAD067098822
Date TSP Sig: Not reported

Year: 2015
Manifest Number: 005164835FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD982706368
Generator Date: 06/08/2015
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-535-3000
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: BRIDGEPORT UNITED RECYCLING
TSD Facility Address: 50 CROSS ST
TSD Facility City: BRIDGEPORT
TSD Facility State: CT
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D004
Container Number: 1
Container Type: Cargo tanks (tank trucks)
Waste Quantity: 4000
Unit: Gallons (liquids only)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMUNEAL MANUFACTURING CORP (Continued)

S116736352

Handling Code: Not reported
TSP EPA Id: CTD002593887
Date TSP Sig: Not reported

Year: 2015
Manifest Number: 006472035FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD982706368
Generator Date: 05/08/2015
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-535-3000
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: BRIDGEPORT UNITED RECYCLING
TSD Facility Address: 50 CROSS ST
TSD Facility City: BRIDGEPORT
TSD Facility State: CT
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D010
Container Number: 1
Container Type: Cargo tanks (tank trucks)
Waste Quantity: 4000
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: CTD002593887
Date TSP Sig: Not reported

Year: 2015
Manifest Number: 006472037FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD982706368
Generator Date: 03/18/2015
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-535-3000
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: BRIDGEPORT UNITED RECYCLING
TSD Facility Address: 50 CROSS ST
TSD Facility City: BRIDGEPORT
TSD Facility State: CT
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D007
Container Number: 1
Container Type: Cargo tanks (tank trucks)
Waste Quantity: 4000
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: CTD002593887
Date TSP Sig: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMUNEAL MANUFACTURING CORP (Continued)

S116736352

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

E21
East
< 1/8
0.118 mi.
622 ft.

AMUNEAL MANUFACTURING CORP
4737 DARRAH ST
PHILADELPHIA, PA 19124
Site 5 of 8 in cluster E

RCRA-LQG **1000311933**
PA LUST **PAD982706368**
PA ARCHIVE AST
PA AIRS
NY MANIFEST

Relative:
Higher

RCRA-LQG:

Actual:
58 ft.

Date form received by agency: 06/30/2016
Facility name: AMUNEAL MANUFACTURING CORP
Facility address: 4737 DARRAH ST
PHILADELPHIA, PA 19124
EPA ID: PAD982706368
Mailing address: DARRAH ST
PHILADELPHIA, PA 19124
Contact: MICHELLE OLESKI
Contact address: DARRAH ST
PHILADELPHIA, PA 19124
Contact country: US
Contact telephone: 215-535-3000
Telephone ext.: 291
Contact email: MICHELLEO@AMUNEAL.COM
EPA Region: 03
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg 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; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; 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 more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: AMUNEAL MFG CORP
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: 01/01/1986
Owner/Op end date: Not reported

Owner/operator name: AMUNEAL MANUFACTURING CORP
Owner/operator address: Not reported
Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMUNEAL MANUFACTURING CORP (Continued)

1000311933

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: 01/01/1986
Owner/Op end date: Not reported

Owner/operator name: ADAM KAMENS
Owner/operator address: 621 FITZWATER ST
PHILADELPHIA, PA 19147

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: 01/01/1986
Owner/Op end date: Not reported

Owner/operator name: ADAM KAMENS
Owner/operator address: DARRAH ST
PHILADELPHIA, PA 19124

Owner/operator country: US
Owner/operator telephone: 215-535-3000
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: 01/01/1986
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: D001
. Waste name: IGNITABLE WASTE
. Waste code: D002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMUNEAL MANUFACTURING CORP (Continued)

1000311933

- . Waste name: CORROSIVE WASTE
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D010
- . Waste name: SELENIUM
- . Waste code: D040
- . Waste name: TRICHLORETHYLENE
- . Waste code: U228
- . Waste name: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Historical Generators:

Date form received by agency: 09/03/2014
Site name: AMUNEAL MANUFACTURING CORP
Classification: Large Quantity Generator

- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D010
- . Waste name: SELENIUM

Date form received by agency: 05/01/2014
Site name: AMUNEAL MANUFACTURING CORP
Classification: Large Quantity Generator

- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D010
- . Waste name: SELENIUM
- . 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.

Date form received by agency: 10/03/2012
Site name: AMUNEAL MANUFACTURING CORP
Classification: Large Quantity Generator

- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D010
- . Waste name: SELENIUM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMUNEAL MANUFACTURING CORP (Continued)

1000311933

. 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.

Date form received by agency: 04/04/2012

Site name: AMUNEAL MANUFACTURING CORP
Classification: Large Quantity Generator

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D010
. Waste name: SELENIUM

. 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.

Date form received by agency: 01/23/2012

Site name: AMUNEAL MFG CORP
Classification: Small Quantity Generator

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D010
. Waste name: SELENIUM

Date form received by agency: 12/06/2010

Site name: AMUNEAL MFG CORP
Classification: Small Quantity Generator

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D010
. Waste name: SELENIUM

Date form received by agency: 12/06/1989

Site name: AMUNEAL MFG CORP
Classification: Small Quantity Generator

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMUNEAL MANUFACTURING CORP (Continued)

1000311933

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.

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

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

Amount (Lbs): 900

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 192000

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 192000

Waste code: D010
Waste name: SELENIUM
Amount (Lbs): 192000

Waste code: D040
Waste name: TRICHLOROETHYLENE
Amount (Lbs): 2972

Waste code: U228
Waste name: ETHENE, TRICHLORO-
Amount (Lbs): 2972

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 10/02/2014
Date achieved compliance: 10/02/2014
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMUNEAL MANUFACTURING CORP (Continued)

1000311933

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 02/26/2013
Date achieved compliance: 02/26/2013
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 02/26/2013
Date achieved compliance: 02/26/2013
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 02/26/2013
Date achieved compliance: 10/21/2013
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 01/08/2013
Date achieved compliance: 02/26/2013
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMUNEAL MANUFACTURING CORP (Continued)

1000311933

Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 01/08/2013
Date achieved compliance: 02/26/2013
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 01/08/2013
Date achieved compliance: 01/08/2013
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 01/08/2013
Date achieved compliance: 01/09/2013
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 01/08/2013
Date achieved compliance: 01/08/2013
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMUNEAL MANUFACTURING CORP (Continued)

1000311933

Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 10/02/2014
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 10/02/2014
Evaluation lead agency: State

Evaluation date: 10/17/2013
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/03/2013
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/26/2013
Evaluation: FOLLOW-UP INSPECTION
Area of violation: State Statute or Regulation
Date achieved compliance: 02/26/2013
Evaluation lead agency: State

Evaluation date: 02/26/2013
Evaluation: FOLLOW-UP INSPECTION
Area of violation: State Statute or Regulation
Date achieved compliance: 10/21/2013
Evaluation lead agency: State

Evaluation date: 02/26/2013
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/26/2013
Evaluation lead agency: State

Evaluation date: 01/08/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 02/26/2013
Evaluation lead agency: State

Evaluation date: 01/08/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 01/09/2013
Evaluation lead agency: State

Evaluation date: 01/08/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMUNEAL MANUFACTURING CORP (Continued)

1000311933

Date achieved compliance: 01/08/2013
Evaluation lead agency: State

Evaluation date: 01/08/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 01/08/2013
Evaluation lead agency: State

Evaluation date: 01/08/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/26/2013
Evaluation lead agency: State

LUST:

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 610162
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 05/28/2009
Confirmed Date: 10/22/1993
Program Other Id: 51-45833
Client: AMUNEAL MFG CORP
Incident Id: 4835
Incident Desc: AMUNEAL MFG
Suspect Date: Not reported
Source Of Notification: INSTL
Release Discovered: CLOS
Source Cause Of Release: INFNP
Tank: Not reported
Impact Desc: Ground Water
Substance: Fuel Oil No 2
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.016621
Longitude: -75.081799

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 610162
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 05/28/2009
Confirmed Date: 10/22/1993
Program Other Id: 51-45833
Client: AMUNEAL MFG CORP
Incident Id: 4835
Incident Desc: AMUNEAL MFG
Suspect Date: Not reported
Source Of Notification: INSTL
Release Discovered: CLOS
Source Cause Of Release: INFNP
Tank: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMUNEAL MANUFACTURING CORP (Continued)

1000311933

Impact Desc: Soil
Substance: Not reported
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.016621
Longitude: -75.081799

ARCHIVE AST:

Facility ID: 51-41230
Site ID: 511171
Client ID: 243083
Municipality: Philadelphia
Region Name: EP SE Rgnl Off
Owner ID: Not reported
Owner Name: Not reported
Owner Phone: Not reported
Owner Address: Not reported
Owner Address 2: Not reported
Owner City,St,Zip: Not reported
Owner County Code: Not reported
Resp Party Name: AIRGAS SPECIALTY PROD
RP Address: 6340 SUGARLOAF PKWY STE 300
RP Address 2: Not reported
RP City,St,Zip: DULUTH, GA 30097-4329
Regulated Exp Date: 02/04/2007

Tank ID: Not reported
Tank Sequence #: 001A
Install Date: 07/01/1985
Status: Currently In Use
Status Code End Date: Not reported
Capacity: 1000
Substance: HZSUB
Tank Substance End Date: Not reported
Tank Code: AST
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

AIRS:

Address 2: Not reported
Primary Facility ID: 749422
Contact Name: Not reported
Contact Phone: (215)535-3000
Contact Email: Not reported
Status: Active
Region: Philadelphia County Health Department

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMUNEAL MANUFACTURING CORP (Continued)

1000311933

Site ID: 511171
Client ID: 181313
Client Name: AMUNEAL MFG CORP
NAICS Code: 339999
Client Address: 4737 DARRAH ST
Client Address 2: Not reported
Client City: PHILADELPHIA
Client State: PA
Client Zip: 19124-2705
Client Type: NON-GOVERNMENT
NAICS Description: All Other Miscellaneous Manufacturing
Latitude: 40.016389
Longitude: -75.081667

EMI:

Facid: 749422
Facility Name: Not reported
Year: 2017
PM10: Not reported
PM25: Not reported
NOX: Not reported
SOX: Not reported
VOC: Not reported
CO: Not reported
Latitude: 40.016389
Longitude: -75.081667

Facid: 749422
Facility Name: Not reported
Year: 2013
PM10: .0
PM25: Not reported
NOX: .0
SOX: .0
VOC: .2
CO: .0
Latitude: 40.016389
Longitude: -75.081667

Facid: 749422
Facility Name: Not reported
Year: 2012
PM10: .0
PM25: Not reported
NOX: .0
SOX: .0
VOC: .2
CO: .0
Latitude: 40.016389
Longitude: -75.081667

Facid: 749422
Facility Name: Not reported
Year: 2014
PM10: .0
PM25: Not reported
NOX: .0
SOX: .0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMUNEAL MANUFACTURING CORP (Continued)

1000311933

VOC:	.3
CO:	.0
Latitude:	40.016389
Longitude:	-75.081667
Facid:	749422
Facility Name:	Not reported
Year:	2015
PM10:	.0
PM25:	Not reported
NOX:	.0
SOX:	.0
VOC:	.2
CO:	.0
Latitude:	40.016389
Longitude:	-75.081667
Facid:	749422
Facility Name:	Not reported
Year:	2008
PM10:	Not reported
PM25:	Not reported
NOX:	Not reported
SOX:	Not reported
VOC:	Not reported
CO:	Not reported
Latitude:	40.016389
Longitude:	-75.081667
Facid:	749422
Facility Name:	Not reported
Year:	2010
PM10:	Not reported
PM25:	Not reported
NOX:	Not reported
SOX:	Not reported
VOC:	Not reported
CO:	Not reported
Latitude:	40.016389
Longitude:	-75.081667
Facid:	749422
Facility Name:	Not reported
Year:	2009
PM10:	Not reported
PM25:	Not reported
NOX:	Not reported
SOX:	Not reported
VOC:	Not reported
CO:	Not reported
Latitude:	40.016389
Longitude:	-75.081667
Facid:	749422
Facility Name:	Not reported
Year:	2016
PM10:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMUNEAL MANUFACTURING CORP (Continued)

1000311933

PM25: Not reported
NOX: Not reported
SOX: Not reported
VOC: Not reported
CO: Not reported
Latitude: 40.016389
Longitude: -75.081667

Facid: 749422
Facility Name: Not reported
Year: 2011
PM10: .0
PM25: Not reported
NOX: .0
SOX: .0
VOC: .3
CO: .0
Latitude: 40.016389
Longitude: -75.081667

Facid: 749422
Facility Name: Not reported
Year: 2007
PM10: Not reported
PM25: Not reported
NOX: Not reported
SOX: Not reported
VOC: Not reported
CO: Not reported
Latitude: 40.016389
Longitude: -75.081667

NY MANIFEST:

Country: USA
EPA ID: PAD982706368
Facility Status: Not reported
Location Address 1: 4737 DARRAH STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: PHILADELPHIA
Location State: PA
Location Zip: 19124
Location Zip 4: Not reported

NY MANIFEST:

EPAID: PAD982706368
Mailing Name: AMUNEAL MANUFACTURING CORPORATION
Mailing Contact: AMUNEAL MANUFACTURING CORPORATION
Mailing Address 1: 4737 DARRAH STREET
Mailing Address 2: Not reported
Mailing City: PHILADELPHIA
Mailing State: PA
Mailing Zip: 19124
Mailing Zip 4: Not reported
Mailing Country: USA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMUNEAL MANUFACTURING CORP (Continued)

1000311933

Mailing Phone: 2155353000

NY MANIFEST:

Document ID: NYA7058853
Manifest Status: K
seq: Not reported
Year: 1990
Trans1 State ID: PAAH0150
Trans2 State ID: 757-23ANY
Generator Ship Date: 01/09/1990
Trans1 Recv Date: 01/09/1990
Trans2 Recv Date: / /
TSD Site Recv Date: 01/17/1990
Part A Recv Date: 04/03/1990
Part B Recv Date: 03/01/1990
Generator EPA ID: PAD982706368
Trans1 EPA ID: NYD057722258
Trans2 EPA ID: Not reported
TSD ID 1: NYD057722258
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
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: F001 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00385
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 007
Container Type: DM - Metal drums, barrels
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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E22 **AMUNEAL MFG**
East **4737 DARRAH ST**
< 1/8 **PHILADELPHIA, PA 19124**
0.118 mi.
622 ft. **Site 6 of 8 in cluster E**

PA ARCHIVE UST **S119705796**
N/A

Relative: ARCHIVE UST:
Higher Facility Id: 51-45833
Site ID: Not reported
Actual: Municipality: Philadelphia City
58 ft. Client Date: Not reported
Owner Id: Not reported
Owner Name: AMUNEAL MFG CORP
Owner Address: 4737 DARRAH ST
Owner Address 2: Not reported
Owner City,St,Zip: PHILADELPHIA, PA 19124-2705
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: 6000
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: UNKNOWN
Company: Not reported

E23 **AMUNEAL MANUFACTURING CORP**
East **4737 DARRAH STREET**
< 1/8 **PHILADELPHIA, PA 19124**
0.118 mi.
622 ft. **Site 7 of 8 in cluster E**

PA MANIFEST **S109244790**
N/A

Relative: Manifest Details:
Higher Year: 2012
Actual: Manifest Number: 009701098JJK
58 ft. Manifest Type: TSD Copy
Generator EPA Id: PAD982706368
Generator Date: 05/29/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-535-3000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMUNEAL MANUFACTURING CORP (Continued)

S109244790

TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: EQ DETROIT INC
TSD Facility Address: 1923 FREDERICK ST
TSD Facility City: DETROIT
TSD Facility State: MI
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D010
Container Number: 10
Container Type: Portable tanks
Waste Quantity: 22500
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: MID980991566
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 008329933JJK
Manifest Type: TSD Copy
Generator EPA Id: PAD982706368
Generator Date: 02/29/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-535-3000
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: EQ DETROIT INC
TSD Facility Address: 1923 FREDERICK ST
TSD Facility City: DETROIT
TSD Facility State: MI
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D010
Container Number: 18
Container Type: Portable tanks
Waste Quantity: 40500
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: MID980991566
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 010547105JJK
Manifest Type: TSD Copy
Generator EPA Id: PAD982706368
Generator Date: 10/16/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-535-3000
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: EQ DETROIT INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMUNEAL MANUFACTURING CORP (Continued)

S109244790

TSD Facility Address: 1923 FREDERICK ST
TSD Facility City: DETROIT
TSD Facility State: MI
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D018
Container Number: 9
Container Type: Fiber or plastic boxes, cartons, cases
Waste Quantity: 22000
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: MID980991566
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 010546923JJK
Manifest Type: TSD Copy
Generator EPA Id: PAD982706368
Generator Date: 08/21/2012
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-535-3000
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: EQ DETROIT INC
TSD Facility Address: 1923 FREDERICK ST
TSD Facility City: DETROIT
TSD Facility State: MI
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D010
Container Number: 10
Container Type: Fiber or plastic boxes, cartons, cases
Waste Quantity: 22500
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: MID980991566
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 010546857JJK
Manifest Type: TSD Copy
Generator EPA Id: PAD982706368
Generator Date: 07/25/2012
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-535-3000
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: EQ DETROIT INC
TSD Facility Address: 1923 FREDERICK ST
TSD Facility City: DETROIT
TSD Facility State: MI

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMUNEAL MANUFACTURING CORP (Continued)

S109244790

Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D010
Container Number: 10
Container Type: Portable tanks
Waste Quantity: 22500
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: MID980991566
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 009700947JJK
Manifest Type: TSD Copy
Generator EPA Id: PAD982706368
Generator Date: 04/16/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-535-3000
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: EQ DETROIT INC
TSD Facility Address: 1923 FREDERICK ST
TSD Facility City: DETROIT
TSD Facility State: MI
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D002
Container Number: 12
Container Type: Fiber or plastic boxes, cartons, cases
Waste Quantity: 27000
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: MID980991566
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 010546922JJK
Manifest Type: TSD Copy
Generator EPA Id: PAD982706368
Generator Date: 08/20/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-535-3000
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: EQ DETROIT INC
TSD Facility Address: 1923 FREDERICK ST
TSD Facility City: DETROIT
TSD Facility State: MI
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

AMUNEAL MANUFACTURING CORP (Continued)

S109244790

Waste Number: D010
Container Number: 10
Container Type: Fiber or plastic boxes, cartons, cases
Waste Quantity: 22500
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: MID980991566
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 009701098JJK
Manifest Type: TSD Copy
Generator EPA Id: PAD982706368
Generator Date: 05/29/2012
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-535-3000
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: EQ DETROIT INC
TSD Facility Address: 1923 FREDERICK ST
TSD Facility City: DETROIT
TSD Facility State: MI
Facility Telephone: Not reported

Page Number: 1
Line Number: 1
Waste Number: D002
Container Number: 10
Container Type: Portable tanks
Waste Quantity: 22500
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: MID980991566
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 010547142JJK
Manifest Type: TSD Copy
Generator EPA Id: PAD982706368
Generator Date: 10/18/2012
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-535-3000
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: EQ DETROIT INC
TSD Facility Address: 1923 FREDERICK ST
TSD Facility City: DETROIT
TSD Facility State: MI
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D019
Container Number: 1
Container Type: Fiber or plastic boxes, cartons, cases

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMUNEAL MANUFACTURING CORP (Continued)

S109244790

Waste Quantity: 2250
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: MID980991566
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 010547070JJK
Manifest Type: TSD Copy
Generator EPA Id: PAD982706368
Generator Date: 10/09/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-535-3000
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: EQ DETROIT INC
TSD Facility Address: 1923 FREDERICK ST
TSD Facility City: DETROIT
TSD Facility State: MI
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D010
Container Number: 9
Container Type: Fiber or plastic boxes, cartons, cases
Waste Quantity: 18000
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: MID980991566
Date TSP Sig: Not reported

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

E24
East
< 1/8
0.118 mi.
623 ft.

ACCURATE METAL SPINNING
4678-80 DARRAH
PHILADELPHIA, PA 19124

RCRA NonGen / NLR **1000426830**
FINDS **PAD002279784**
ECHO

Site 8 of 8 in cluster E

Relative:
Higher
Actual:
57 ft.

RCRA NonGen / NLR:
Date form received by agency: 06/23/1980
Facility name: ACCURATE METAL SPINNING
Facility address: 4678-80 DARRAH
PHILADELPHIA, PA 19124
EPA ID: PAD002279784
Contact: JOHN_T BOYLE
Contact address: 4678-80 DARRAH
PHILADELPHIA, PA 19124
Contact country: US
Contact telephone: 215-535-6720
Contact email: Not reported
EPA Region: 03
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACCURATE METAL SPINNING (Continued)

1000426830

Owner/Operator Summary:

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERSTREET, 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: JOHN BOYLE & SON
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
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: P076
. Waste name: NITRIC OXIDE (OR) NITROGEN OXIDE NO

Violation Status: No violations found

FINDS:

Registry ID: 110004832307

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,

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ACCURATE METAL SPINNING (Continued)

1000426830

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: 1000426830
 Registry ID: 110004832307
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004832307>

25
East
< 1/8
0.121 mi.
639 ft.

CLOVER CLEANERS AND DYERS
4653 FRANKFORD AVE
PHILADELPHIA, PA 19124

EDR Hist Cleaner **1019958960**
N/A

Relative:
Higher

EDR Hist Cleaner

Actual:
64 ft.

Year:	Name:	Type:
2001	CLOVER CLEANERS AND DYERS	Drycleaning Plants, Except Rugs, NEC
2002	CLOVER CLEANERS AND DYERS	Drycleaning Plants, Except Rugs, NEC
2003	CLOVER CLEANERS AND DYERS	Drycleaning Plants, Except Rugs, NEC
2004	CLOVER CLEANERS AND DYERS	Drycleaning Plants, Except Rugs, NEC

26
East
1/8-1/4
0.125 mi.
662 ft.

FIRE SITE 056
1652-54 FOULKROD ST
PHILADELPHIA, PA 19124

PA UST **U003215182**
N/A

Relative:
Higher

UST:

Site ID: 586597
 Other Id: 51-20110
 Client Id Number: 189302
 Municipality Name: Philadelphia
 Region: EP SE Rgnl Off Norristown
 Mailing Name: PHILA CITY PHILA CNTY
 Mailing Address: 100 S BROAD ST FL 3
 Mailing Address 2: Not reported
 Mailing City,St,Zip: PHILADELPHIA, PA 19110
 Registration Expiration Date: 02/04/2019

Actual:
60 ft.

Tank Seq No: 001
Tank Status: Currently In Use
 Capacity: 1000
 Substance: Diesel Fuel
 Date Installed: 05/01/1985
 Tank Code: UST
 Inspection Code: Facility Operation Inspection
 Tank Last Dt Inspected: 06/08/2017
 Decode for Tstatus: Currently In Use
 Decode for Substance: Diesel Fuel

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

D27 **JEFFERSON CTL OFC**
East **4808 LEIPER ST**
1/8-1/4 **PHILADELPHIA, PA 19124**
0.126 mi.
663 ft. **Site 4 of 5 in cluster D**

PA LUST **S102607248**
PA AST **N/A**

Relative:
Higher
Actual:
82 ft.

LUST:
 Region: EP SE Rgnl Off Norristown
 Municipality: Philadelphia City
 Facility Id: 608830
 Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
 Status Date: 08/19/1997
 Confirmed Date: 11/06/1995
 Program Other Id: 51-35943
 Client: VERIZON PENNSYLVANIA LLC
 Incident Id: 6116
 Incident Desc: BELL JEFFERSON CTL OFC
 Suspect Date: Not reported
 Source Of Notification: INSTL
 Release Discovered: CLOS
 Source Cause Of Release: INFNP
 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: 40.019456
 Longitude: -75.08486

AST:
 Site ID: 586931
 Client Id: 87568
 Other Id: 51-35943
 Mailing Name: VERIZON PENNSYLVANIA LLC
 Mailing Address: 1500 MACCORKLE AVE SE
 Mailing Address: Not reported
 Mailing City,St,Zip: CHARLESTON, WV 25396-0001
 Municipality: Philadelphia
 Region Name: EP SE Rgnl Off Norristown

 Tank Seq Num: 001A
 Tank Status: Currently In Use
 Tank Capacity: 4000
 Substance: Diesel Fuel
 Date Installed: 02/12/1996
 Tank Code: AST
 Inspection Code: Not reported
 Tank Last Inspected: Not reported
 Registration Expiration Date: 02/04/2019
 Decode for Tstatus: Currently In Use
 Decode for Substance: Diesel Fuel

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

D28 **JEFFERSON CTL OFC**
East **4808 LEIPER ST**
1/8-1/4 **PHILADELPHIA, PA 19124**
0.126 mi.
663 ft. **Site 5 of 5 in cluster D**

PA ARCHIVE UST **S119705500**
 N/A

Relative:
Higher
Actual:
82 ft.

ARCHIVE UST:
 Facility Id: 51-35943
 Site ID: Not reported
 Municipality: Philadelphia City
 Client Date: Not reported
 Owner Id: Not reported
 Owner Name: VERIZON PA LLC
 Owner Address: 1500 MACCORKLE AVE SE
 Owner Address 2: Not reported
 Owner City,St,Zip: CHARLESTON, WV 25396-0001
 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: 3000
 Substance: Diesel Fuel
 Tank Substance End Date: Not reported
 Install Date: 08/04/1989
 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: PAUL L GEBHARD ENV MGR
 Company: Not reported

Tank Sequence #: 003
 Tank Id: Not reported
 Status: Closed Without a Permit
 Status Code End Date: Not reported
 Capacity: 275
 Substance: Diesel Fuel
 Tank Substance End Date: Not reported
 Install Date: 08/04/1989
 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

JEFFERSON CTL OFC (Continued)

S119705500

Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: PAUL L GEBHARD ENV MGR
Company: Not reported

Tank Sequence #: 002
Tank Id: Not reported
Status: Closed Without a Permit
Status Code End Date: Not reported
Capacity: 275
Substance: Diesel Fuel
Tank Substance End Date: Not reported
Install Date: 08/04/1989
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: PAUL L GEBHARD ENV MGR
Company: Not reported

29
East
1/8-1/4
0.147 mi.
777 ft.

COOPERATIVE DENTAL LABORATORY
4909 FRANKFORD AVE
PHILADELPHIA, PA 19124

RCRA NonGen / NLR **1000346373**
FINDS **PAD014665558**
ECHO

Relative:
Higher
Actual:
74 ft.

RCRA NonGen / NLR:
Date form received by agency: 09/12/1980
Facility name: COOPERATIVE DENTAL LABORATORY
Facility address: 4909 FRANKFORD AVE
PHILADELPHIA, PA 19124
EPA ID: PAD014665558
Contact: ENVIRONMENTAL COORDINATOR
Contact address: 4909 FRANKFORD AVE
PHILADELPHIA, PA 19124
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COOPERATIVE DENTAL LABORATORY (Continued)

1000346373

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
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: 110004838436

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: 1000346373
Registry ID: 110004838436
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004838436>

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

30
East
1/8-1/4
0.159 mi.
838 ft.

GENE'S AUTO BODY
1649 MEADOW STREET
PHILADELPHIA, PA 19124

RCRA NonGen / NLR 1000220235
FINDS PAD080800337
ECHO

Relative:
Higher

RCRA NonGen / NLR:

Actual:
54 ft.

Date form received by agency: 03/20/1984
Facility name: GENES AUTO BODY
Facility address: 1649 MEADOW STREET
PHILADELPHIA, PA 19124
EPA ID: PAD080800337
Contact: CRAIG CUSTER
Contact address: 1649 MEADOW STREET
PHILADELPHIA, PA 19124
Contact country: US
Contact telephone: 215-831-9626
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

GENE'S AUTO BODY (Continued)

1000220235

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

Violation Status: No violations found

FINDS:

Registry ID: 110004846061

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: 1000220235
 Registry ID: 110004846061
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004846061>

31
East
1/8-1/4
0.164 mi.
865 ft.

JENSENS AUTO REPAIR
1650 HARRISON ST
PHILADELPHIA, PA 19124

RCRA-SQG 1000570034
FINDS PAD987343589
ECHO
NY MANIFEST

Relative:
Higher

RCRA-SQG:
 Date form received by agency: 06/27/1991
 Facility name: JENSENS AUTO REPAIR
 Facility address: 1650 HARRISON ST
 PHILADELPHIA, PA 19124
 EPA ID: PAD987343589
 Contact: JOSEPH JENSEN
 Contact address: 1650 HARRISON ST
 PHILADELPHIA, PA 19124
 Contact country: US
 Contact telephone: 215-289-8613
 Contact email: Not reported
 EPA Region: 03

Actual:
68 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JENSSENS AUTO REPAIR (Continued)

1000570034

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: JENSEN JOSEPH
Owner/operator address: 1650 HARRISON ST
PHILADELPHIA, PA 19114

Owner/operator country: Not reported
Owner/operator telephone: 215-289-8613
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
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: Municipal
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JENSENS AUTO REPAIR (Continued)

1000570034

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

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

- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

FINDS:

Registry ID: 110001030269

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: 1000570034
Registry ID: 110001030269
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110001030269>

NY MANIFEST:

Country: USA
EPA ID: PAD987343589
Facility Status: Not reported
Location Address 1: 1650 HARRISON STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: PHILADELPHIA
Location State: PA
Location Zip: 19124
Location Zip 4: Not reported

NY MANIFEST:

EPAID: PAD987343589
Mailing Name: JENSENS AUTO REPAIR
Mailing Contact: KON JONSON
Mailing Address 1: 1650 HARRISON STREET
Mailing Address 2: Not reported
Mailing City: PHILADELPHIA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JENSENS AUTO REPAIR (Continued)

1000570034

Mailing State: PA
Mailing Zip: 19124
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2152898613

NY MANIFEST:
Document ID: NYC4122718
Manifest Status: K
seq: Not reported
Year: 1996
Trans1 State ID: PAYV89155
Trans2 State ID: Not reported
Generator Ship Date: 07/12/1996
Trans1 Recv Date: 07/12/1996
Trans2 Recv Date: / /
TSD Site Recv Date: 07/19/1996
Part A Recv Date: / /
Part B Recv Date: 08/01/1996
Generator EPA ID: PAD987343589
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
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
Quantity: 00004
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F32 **FRANKFORD HOSP SCH OF NURSING**
East **4918 PENN ST**
1/8-1/4 **PHILADELPHIA, PA 19124**
0.184 mi.
974 ft.

PA ARCHIVE UST **S119705801**
N/A

Relative:
Higher
Actual:
83 ft.

ARCHIVE UST:
Facility Id: 51-45865
Site ID: Not reported
Municipality: Philadelphia City
Client Date: Not reported
Owner Id: Not reported
Owner Name: ARIA HEALTH
Owner Address: RED LION & KNIGHTS RD
Owner Address 2: Not reported
Owner City,St,Zip: PHILADELPHIA, PA 19114
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: 5000
Substance: Heating Oil
Tank Substance End Date: Not reported
Install Date: 05/01/1950
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: MARK NESSEL VP
Company: Not reported

F33 **FRANKFORD SCHOOL OF NURSING**
East **4918 PENN ST**
1/8-1/4 **PHILADELPHIA, PA 19124**
0.184 mi.
974 ft.

RCRA-SQG **1000695525**
FINDS **PAD987381043**
ECHO

Relative:
Higher
Actual:
83 ft.

RCRA-SQG:
Date form received by agency: 06/25/1992
Facility name: FRANKFORD SCHOOL OF NURSING
Facility address: 4918 PENN ST
PHILADELPHIA, PA 19124
EPA ID: PAD987381043
Contact: JAMES MURPHY
Contact address: 4918 PENN ST
PHILADELPHIA, PA 19124
Contact country: US

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANKFORD SCHOOL OF NURSING (Continued)

1000695525

Contact telephone: 215-934-4814
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: FKD HEALTH CARE SYSTEM
Owner/operator address: OWNST
OWNCTY, PA 66666
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: 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

. 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: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANKFORD SCHOOL OF NURSING (Continued)

1000695525

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.

Violation Status: No violations found

FINDS:

Registry ID: 110004867528

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: 1000695525
Registry ID: 110004867528
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004867528>

F34 East 1/8-1/4 0.184 mi. 974 ft.	FRANKFORD HOSP SCH OF NURSING 4918 PENN ST PHILADELPHIA, PA Site 3 of 3 in cluster F	PA UNREG LTANKS	S105919565 N/A
Relative: Higher	UNREG LTANKS: Region: South East		
Actual: 83 ft.	Contaminant: FUEL OIL #2 N Closed: 5/7/1997 Class: Cleanup of Tanks using authorities other than Act 32		

35 East 1/8-1/4 0.191 mi. 1008 ft.	ARWAY LINEN & UNIFORM RENTALS 1696 FOULKROD ST PHILADELPHIA, PA 19124	PA UNREG LTANKS PA ARCHIVE UST	U003426489 N/A
Relative: Higher	UNREG LTANKS: Region: South East		
Actual: 62 ft.	Contaminant: FUEL OIL #5 Closed: Not reported 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

ARWAY LINEN & UNIFORM RENTALS (Continued)

U003426489

ARCHIVE UST:

Facility Id: 51-42686
Site ID: Not reported
Municipality: Not reported
Client Date: Not reported
Owner Id: 17128
Owner Name: HAL GLESTEIN
Owner Address: 22 GLENFIELD RD
Owner Address 2: Not reported
Owner City,St,Zip: RICHBORO, PA 18954
Owner Phone: 2153647001
Owner County Code: 9
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: 88878
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

Tank Sequence #: 002
Tank Id: Not reported
Status: Currently In Use
Status Code End Date: Not reported
Capacity: 8000
Substance: HO
Tank Substance End Date: Not reported
Install Date: Not reported
Tank Code: UST
Inspection Code: FOI
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		Database(s)	EDR ID Number EPA ID Number
	Site		

36 East 1/8-1/4 0.193 mi. 1018 ft.	1515 ORTHODOX ST SITE 1515 ORTHODOX ST PHILADELPHIA, PA 19124	PA VCP	S117733433 N/A
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Relative: Higher Actual: 80 ft.	VCP: Activity: Activity ID: 783805, Cleanup Records: Municipality: Philadelphia City Region: Southeast Region Category Desc: Other Organics Type: Site In Progress LRP Activity Number: 47545 Remediation: Site-Specific Standard Activity: Not reported Date Approved: Not reported Date Received: 02/24/2015 Date Nonuse: Not reported ICS Code: Not reported Media: Soil Latitude: 40.015555 Longitude: -75.086388		
--	---	--	--

37 East 1/8-1/4 0.193 mi. 1018 ft.	ARROTT ARMS APT 1336 ARROTT ST PHILADELPHIA, PA 19124	PA ARCHIVE UST	S111107364 N/A
---	--	-----------------------	---------------------------------

Relative: Higher Actual: 82 ft.	ARCHIVE UST: Facility Id: 51-43141 Site ID: Not reported Municipality: Not reported Client Date: Not reported Owner Id: 17032 Owner Name: ARROTT ASSOC Owner Address: 1336 ARROT ST Owner Address 2: Not reported Owner City,St,Zip: PHILADELPHIA, PA 19214 Owner Phone: 2157431246 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: 89148 Status: CURRENTLY IN USE Status Code End Date: Not reported Capacity: 5000 Substance: HEATING OIL Tank Substance End Date: Not reported Install Date: Not reported Tank Code: Not reported		
--	---	--	--

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARROTT ARMS APT (Continued)

S111107364

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: 89149
Status: CURRENTLY IN USE
Status Code End Date: Not reported
Capacity: 5000
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

38
East
1/8-1/4
0.221 mi.
1169 ft.

ACME HEAT TREATING CO
4626 HEDGE ST
PHILADELPHIA, PA 19124

RCRA NonGen / NLR **1000196975**
FINDS **PAD054747829**
ECHO

Relative:
Higher

RCRA NonGen / NLR:

Actual:
55 ft.

Date form received by agency: 12/20/2016
Facility name: ACME HEAT TREATING CO
Facility address: 4626 HEDGE ST
PHILADELPHIA, PA 19124-3320
EPA ID: PAD054747829
Contact: Not reported
Contact address: Not reported
Contact country: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACME HEAT TREATING CO (Continued)

1000196975

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

Historical Generators:

Date form received by agency: 10/22/2012
Site name: ACME HEAT TREATING CO
Classification: Not a generator, verified

Date form received by agency: 08/18/1980
Site name: ACME HEAT TREATING CO
Classification: Not a generator, verified

. Waste code: F010
. Waste name: QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING 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: F012
. Waste name: QUENCHING WASTEWATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Violation Status: No violations found

FINDS:

Registry ID: 110001208425

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.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ACME HEAT TREATING CO (Continued)

1000196975

ECHO:

Envid: 1000196975
 Registry ID: 110001208425
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110001208425>

G39
East
1/8-1/4
0.223 mi.
1180 ft.

ARIA HEALTH
FRANKFORD AVE & WAKELING ST
PHILADELPHIA, PA 19124

Site 1 of 3 in cluster G

RCRA-CESQG
PA UST
PA ARCHIVE UST
MLTS
FINDS

1000695526
PAD987381050

Relative:
Higher
Actual:
71 ft.

RCRA-CESQG:
 Date form received by agency: 12/14/2009
 Facility name: ARIA HEALTH
 Facility address: FRANKFORD AVE & WAKELING ST
 PHILADELPHIA, PA 19124
 EPA ID: PAD987381050
 Contact: JOSEPH E OLEYN
 Contact address: FRANKFORD AVE & WAKELING ST
 PHILADELPHIA, PA 19124
 Contact country: US
 Contact telephone: 215-831-2594
 Contact email: JOLEYN@ARIAHEALTH.ORG
 EPA Region: 03
 Land type: Private
 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: ARIA HEALTH
 Owner/operator address: 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: 01/01/1903
 Owner/Op end date: Not reported
 Owner/operator name: ARIA HEALTH
 Owner/operator address: RED LION & KNIGHTS RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARIA HEALTH (Continued)

1000695526

PHILADELPHIA, PA 19114

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: 01/01/1903
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: D001
. Waste name: IGNITABLE WASTE

. 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.

Historical Generators:

Date form received by agency: 11/24/2009
Site name: ARIA HEALTH
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARIA HEALTH (Continued)

1000695526

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: 06/25/1992

Site name: FRANKFORD HOSPITAL FGD CAMPUS

Classification: Small 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: D003
. Waste name: REACTIVE WASTE

. 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

MAP FINDINGS

ARIA HEALTH (Continued)

1000695526

- . 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: P022
- . Waste name: CARBON DISULFIDE
- . Waste code: P030
- . Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
- . Waste code: U002
- . Waste name: 2-PROPANONE (I) (OR) ACETONE (I)
- . Waste code: U012
- . Waste name: ANILINE (I,T) (OR) BENZENAMINE (I,T)
- . Waste code: U019
- . Waste name: BENZENE (I,T)
- . Waste code: U056
- . Waste name: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)
- . Waste code: U108
- . Waste name: 1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE
- . Waste code: U115
- . Waste name: ETHYLENE OXIDE (I,T) (OR) OXIRANE (I,T)
- . Waste code: U117
- . Waste name: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)
- . Waste code: U122
- . Waste name: FORMALDEHYDE
- . Waste code: U154
- . Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)
- . Waste code: U159
- . Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
- . Waste code: U188
- . Waste name: PHENOL
- . Waste code: U196
- . Waste name: PYRIDINE
- . Waste code: U211
- . Waste name: CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-
- . Waste code: U213
- . Waste name: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)
- . Waste code: U220

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARIA HEALTH (Continued)

1000695526

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

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 02/11/2015
Date achieved compliance: 03/10/2015
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 02/11/2015
Date achieved compliance: 03/10/2015
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 03/10/2015
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/11/2015
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 03/10/2015
Evaluation lead agency: State

Evaluation date: 02/11/2015
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 03/10/2015
Evaluation lead agency: State

Evaluation date: 08/19/2013
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARIA HEALTH (Continued)

1000695526

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/29/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/07/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

UST:

Site ID: 494177
Other Id: 51-07659
Client Id Number: 5370
Municipality Name: Philadelphia
Region: EP SE Rgnl Off Norristown
Mailing Name: ARIA HEALTH
Mailing Address: 10800 KNIGHTS RD
Mailing Address 2: Not reported
Mailing City,St,Zip: PHILADELPHIA, PA 19114
Registration Expiration Date: 02/04/2019

Tank Seq No: 003
Tank Status: Currently In Use
Capacity: 3000
Substance: Diesel Fuel
Date Installed: 03/01/1987
Tank Code: UST
Inspection Code: Facility Operation Inspection
Tank Last Dt Inspected: 08/22/2017
Decode for Tstatus: Currently In Use
Decode for Substance: Diesel Fuel

ARCHIVE UST:

Facility Id: 51-07659
Site ID: Not reported
Municipality: Philadelphia City
Client Date: Not reported
Owner Id: Not reported
Owner Name: ARIA HEALTH
Owner Address: RED LION & KNIGHTS RD
Owner Address 2: Not reported
Owner City,St,Zip: PHILADELPHIA, PA 19114
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARIA HEALTH (Continued)

1000695526

Tank Sequence #: 002
Tank Id: Not reported
Status: Exempt
Status Code End Date: Not reported
Capacity: 10000
Substance: Heating Oil
Tank Substance End Date: Not reported
Install Date: 03/01/1987
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: MARK NESSEL VP
Company: Not reported

Tank Sequence #: 001
Tank Id: Not reported
Status: Exempt
Status Code End Date: Not reported
Capacity: 10000
Substance: Heating Oil
Tank Substance End Date: Not reported
Install Date: 03/01/1987
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: MARK NESSEL VP
Company: Not reported

MLTS:

License Number: 37-12486-01
First License Date: 06/26/84
License Date: 01/08/08
Lic. Expiration Date: 08/31/15
Contact Name: ROY POWELL
Contact Phone: 215-831-2000
Institution Code: 12486
Department/Bldg: Not reported
States Allowing Use: Not reported
Store Material Use: No
Redistribution Use: No
Incinerate Use: No
Burial Use: No
Last Inspection Date: 03/01/08
Next Inspection Date: 03/01/11
Licensee Contact: PRESIDENT
Inspector Name: GARY COREN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARIA HEALTH (Continued)

1000695526

FINDS:

Registry ID: 110059901012

Environmental Interest/Information System

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.

G40
East
1/8-1/4
0.223 mi.
1180 ft.

WAKELING BUILDING THE
FRANKFORD AVE & WAKELING ST
PHILADELPHIA, PA 19124

RCRA-SQG 1000695527
PAD987381068

Site 2 of 3 in cluster G

Relative:
Higher

RCRA-SQG:

Actual:
71 ft.

Date form received by agency: 06/25/1992
Facility name: WAKELING BUILDING THE
Facility address: FRANKFORD AVE & WAKELING ST
PHILADELPHIA, PA 19124
EPA ID: PAD987381068
Contact: JAMES M MURPHY
Contact address: FRANKFORD AVE & WAKELING ST
PHILADELPHIA, PA 19124
Contact country: US
Contact telephone: 215-934-4814
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: FKD HEALTH CARE SYSTEM
Owner/operator address: OWNST
OWNCTY, PA 66666
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: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WAKELING BUILDING THE (Continued)

1000695527

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

. Waste code: D002
 . Waste name: CORROSIVE WASTE

. Waste code: D003
 . Waste name: REACTIVE WASTE

. 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.

Violation Status: No violations found

G41
East
1/8-1/4
0.223 mi.
1180 ft.

FRANKFORD HOSPITAL FRANKFORD CAMPUS
FRANKFORD AVE & WAKELING ST
PHILADELPHIA, PA 19124
Site 3 of 3 in cluster G

PA MANIFEST S111772478
N/A

Relative:
Higher
Actual:
71 ft.

Manifest Details:
 Year: 2017
 Manifest Number: 010411510FLE
 Manifest Type: TSD Copy
 Generator EPA Id: PAD987381050
 Generator Date: 07/21/2017
 Mailing Address: Not reported
 Mailing City, St, Zip: Not reported
 Contact Name: Not reported
 Contact Phone: 215-934-4814
 TSD EPA Id: Not reported
 TSD Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANKFORD HOSPITAL FRANKFORD CAMPUS (Continued)

S111772478

TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address: 2869 Sandstone Dr
TSD Facility City: Hatfield
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D005
Container Number: 10
Container Type: Fiber or plastic boxes, cartons, cases
Waste Quantity: 150
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD085690592
Date TSP Sig: Not reported

Year: 2017
Manifest Number: 010439081FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD987381050
Generator Date: 05/01/2017
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-934-4814
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address: 2869 Sandstone Dr
TSD Facility City: Hatfield
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D006
Container Number: 8
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 120
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD085690592
Date TSP Sig: Not reported

Year: 2017
Manifest Number: 010409995FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD987381050
Generator Date: 07/13/2017
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-934-4814
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address: 2869 Sandstone Dr
TSD Facility City: Hatfield

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANKFORD HOSPITAL FRANKFORD CAMPUS (Continued)

S111772478

TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D004
Container Number: 15
Container Type: Fiber or plastic boxes, cartons, cases
Waste Quantity: 300
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD085690592
Date TSP Sig: Not reported

Year: 2017
Manifest Number: 010412450FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD987381050
Generator Date: 06/01/2017
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-934-4814
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address: 2869 Sandstone Dr
TSD Facility City: Hatfield
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D006
Container Number: 18
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 270
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD085690592
Date TSP Sig: Not reported

Year: 2017
Manifest Number: 010397771FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD987381050
Generator Date: 03/06/2017
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-934-4814
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address: 2869 Sandstone Dr
TSD Facility City: Hatfield
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

FRANKFORD HOSPITAL FRANKFORD CAMPUS (Continued)

S111772478

Line Number: 1
Waste Number: D001
Container Number: 6
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 120
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD085690592
Date TSP Sig: Not reported

Year: 2017
Manifest Number: 010427955FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD987381050
Generator Date: 03/20/2017
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-934-4814
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address: 2869 Sandstone Dr
TSD Facility City: Hatfield
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D001
Container Number: 7
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 105
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD085690592
Date TSP Sig: Not reported

Year: 2017
Manifest Number: 010427955FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD987381050
Generator Date: 03/20/2017
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-934-4814
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address: 2869 Sandstone Dr
TSD Facility City: Hatfield
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D004
Container Number: 7

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANKFORD HOSPITAL FRANKFORD CAMPUS (Continued)

S111772478

Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 105
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD085690592
Date TSP Sig: Not reported

Year: 2017
Manifest Number: 010427955FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD987381050
Generator Date: 03/20/2017
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-934-4814
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address: 2869 Sandstone Dr
TSD Facility City: Hatfield
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D006
Container Number: 7
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 105
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD085690592
Date TSP Sig: Not reported

Year: 2017
Manifest Number: 010429594FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD987381050
Generator Date: 02/24/2017
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-934-4814
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address: 2869 Sandstone Dr
TSD Facility City: Hatfield
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D004
Container Number: 12
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 360
Unit: Pounds

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FRANKFORD HOSPITAL FRANKFORD CAMPUS (Continued)

S111772478

Handling Code: Not reported
 TSP EPA Id: PAD085690592
 Date TSP Sig: Not reported

 Year: 2017
 Manifest Number: 010428248FLE
 Manifest Type: TSD Copy
 Generator EPA Id: PAD987381050
 Generator Date: 04/10/2017
 Mailing Address: Not reported
 Mailing City,St,Zip: Not reported
 Contact Name: Not reported
 Contact Phone: 215-934-4814
 TSD EPA Id: Not reported
 TSD Date: Not reported
 TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC
 TSD Facility Address: 2869 Sandstone Dr
 TSD Facility City: Hatfield
 TSD Facility State: PA
 Facility Telephone: Not reported
 Page Number: 1
 Line Number: 1
 Waste Number: D004
 Container Number: 29
 Container Type: Fiberboard or plastic drums, barrels, kegs
 Waste Quantity: 315
 Unit: Pounds
 Handling Code: Not reported
 TSP EPA Id: PAD085690592
 Date TSP Sig: Not reported

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

H42
East
1/8-1/4
0.229 mi.
1207 ft.

ANTKO DUFFIELD
4645 DUFFIELD ST
PHILADELPHIA, PA 19124
Site 1 of 2 in cluster H

RCRA-SQG 1001080764
FINDS PAR000011023
ECHO
NJ MANIFEST

Relative:
Higher
Actual:
51 ft.

RCRA-SQG:
 Date form received by agency: 09/25/1995
 Facility name: ANTKO DUFFIELD
 Facility address: 4645 DUFFIELD ST
 PHILADELPHIA, PA 19124
 EPA ID: PAR000011023
 Contact: ALEXANDER ANTKOWIAK
 Contact address: 4645 DUFFIELD ST
 PHILADELPHIA, PA 19124

 Contact country: US
 Contact telephone: 215-533-0666
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANTKO DUFFIELD (Continued)

1001080764

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: ANTKOWIAK ALEXANDER
Owner/operator address: 4645 DUFFIELD ST
PHILADELPHIA, PA 19124
Owner/operator country: Not reported
Owner/operator telephone: 215-533-0666
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
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: 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: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANTKO DUFFIELD (Continued)

1001080764

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.

Violation Status: No violations found

FINDS:

Registry ID: 110004875387

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: 1001080764
Registry ID: 110004875387
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004875387>

NJ MANIFEST:

EPA Id: PAR000011023
Mail Address: Not reported
Mail City/State/Zip: Not reported
Facility Phone: 2155330666
Emergency Phone: Not reported
Contact: Not reported
Comments: Not reported
SIC Code: Not reported
County: 00
Municipal: 00
Previous EPA Id: Not reported
Gen Flag: X
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 000389978VES
EPA ID: PAR000011023
Date Shipped: 10/21/2010
TSD EPA ID: NJD002454544

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANTKO DUFFIELD (Continued)

1001080764

Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 10/21/2010
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: 10/27/2010
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: No
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: F003
Hand Code: H061
Quantity: 50 G

Manifest Number: NJA4066920
EPA ID: PAR000011023
Date Shipped: 10/11/2004
TSDF EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANTKO DUFFIELD (Continued)

1001080764

Date Trans1 Transported Waste: 10/11/2004
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: 10/15/2004
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: 12030425
Was Load Rejected: No
Reason Load Was Rejected: Not reported

Manifest Number: 000094904VES
EPA ID: PAR000011023
Date Shipped: 02/26/2007
TSDF EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 02/26/2007
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 02/28/2007
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANTKO DUFFIELD (Continued)

1001080764

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: No
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: F003
Hand Code: H06
Quantity: 55 G

Manifest Number: 000156442VES
EPA ID: PAR000011023
Date Shipped: 01/21/2008
TSDf EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 01/21/2008
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: 01/25/2008
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: No
Reason Load Was Rejected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANTKO DUFFIELD (Continued)

1001080764

Waste:

Manifest Year: Not reported
Waste Code: F003
Hand Code: H061
Quantity: 55 G

Manifest Number: 000370341VES
EPA ID: PAR000011023
Date Shipped: 04/21/2009
TSDF EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 04/21/2009
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: 04/24/2009
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: No
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: F003
Hand Code: H061
Quantity: 50 G

Manifest Number: 000710701VES
EPA ID: PAR000011023

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANTKO DUFFIELD (Continued)

1001080764

Date Shipped: 8/23/2012
TSDF EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 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: Not reported
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: F003 D001 F005 D035
Hand Code: Not reported
Quantity: 55.00 gallons

Manifest Number: 001078300VES
EPA ID: PAR000011023
Date Shipped: 11/9/2015
TSDF EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANTKO DUFFIELD (Continued)

1001080764

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 Rejectedd:	Not reported
Reason Load Was Rejected:	Not reported
Manifest Number:	NJA5269064
EPA ID:	PAR000011023
Date Shipped:	12/02/2005
TSDF EPA ID:	NJD002454544
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	12/02/2005
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:	12/09/2005
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANTKO DUFFIELD (Continued)

1001080764

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: 02170625
Was Load Rejected: No
Reason Load Was Rejected: Not reported

**H43
East
1/8-1/4
0.229 mi.
1207 ft.**

**ANTKO DUFFIELD COLLISION
4645 DUFFIELD ST
PHILADELPHIA, PA 19124**

**PA MANIFEST S109244808
N/A**

Site 2 of 2 in cluster H

**Relative:
Higher
Actual:
51 ft.**

Manifest Details:
Year: 2015
Manifest Number: 001078300VES
Manifest Type: TSD Copy
Generator EPA Id: PAR000011023
Generator Date: 11/09/2015
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-533-0666
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Veolia ES Technical Solutions
TSD Facility Address: 125 Factory Ln
TSD Facility City: Middlesex
TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D001
Container Number: 1
Container Type: Cargo tanks (tank trucks)
Waste Quantity: 55
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: NJD002454544
Date TSP Sig: Not reported

Year: 2015
Manifest Number: 001078300VES
Manifest Type: TSD Copy
Generator EPA Id: PAR000011023
Generator Date: 11/09/2015
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-533-0666

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANTKO DUFFIELD COLLISION (Continued)

S109244808

TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Veolia ES Technical Solutions
TSD Facility Address: 125 Factory Ln
TSD Facility City: Middlesex
TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: F005
Container Number: 1
Container Type: Cargo tanks (tank trucks)
Waste Quantity: 55
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: NJD002454544
Date TSP Sig: Not reported

Year: 2015
Manifest Number: 001078300VES
Manifest Type: TSD Copy
Generator EPA Id: PAR000011023
Generator Date: 11/09/2015
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-533-0666
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Veolia ES Technical Solutions
TSD Facility Address: 125 Factory Ln
TSD Facility City: Middlesex
TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: F003
Container Number: 1
Container Type: Cargo tanks (tank trucks)
Waste Quantity: 55
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: NJD002454544
Date TSP Sig: Not reported

Year: 2015
Manifest Number: 001078300VES
Manifest Type: TSD Copy
Generator EPA Id: PAR000011023
Generator Date: 11/09/2015
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-533-0666
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Veolia ES Technical Solutions

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANTKO DUFFIELD COLLISION (Continued)

S109244808

TSD Facility Address: 125 Factory Ln
TSD Facility City: Middlesex
TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D035
Container Number: 1
Container Type: Cargo tanks (tank trucks)
Waste Quantity: 55
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: NJD002454544
Date TSP Sig: Not reported

Year: 2014
Manifest Number: 000837361VES
Manifest Type: TSD Copy
Generator EPA Id: PAR000011023
Generator Date: 08/19/2014
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-533-0666
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Veolia ES Technical Solutions
TSD Facility Address: 125 Factory Ln
TSD Facility City: Middlesex
TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D001
Container Number: 1
Container Type: Cargo tanks (tank trucks)
Waste Quantity: 55
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: NJD002454544
Date TSP Sig: Not reported

Year: 2014
Manifest Number: 000837361VES
Manifest Type: TSD Copy
Generator EPA Id: PAR000011023
Generator Date: 08/19/2014
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-533-0666
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Veolia ES Technical Solutions
TSD Facility Address: 125 Factory Ln
TSD Facility City: Middlesex
TSD Facility State: NJ

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANTKO DUFFIELD COLLISION (Continued)

S109244808

Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D035
Container Number: 1
Container Type: Cargo tanks (tank trucks)
Waste Quantity: 55
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: NJD002454544
Date TSP Sig: Not reported

Year: 2014
Manifest Number: 000837361VES
Manifest Type: TSD Copy
Generator EPA Id: PAR000011023
Generator Date: 08/19/2014
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-533-0666
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Veolia ES Technical Solutions
TSD Facility Address: 125 Factory Ln
TSD Facility City: Middlesex
TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: F003
Container Number: 1
Container Type: Cargo tanks (tank trucks)
Waste Quantity: 55
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: NJD002454544
Date TSP Sig: Not reported

Year: 2014
Manifest Number: 000837361VES
Manifest Type: TSD Copy
Generator EPA Id: PAR000011023
Generator Date: 08/19/2014
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-533-0666
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Veolia ES Technical Solutions
TSD Facility Address: 125 Factory Ln
TSD Facility City: Middlesex
TSD Facility State: NJ
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

ANTKO DUFFIELD COLLISION (Continued)

S109244808

Waste Number: F005
Container Number: 1
Container Type: Cargo tanks (tank trucks)
Waste Quantity: 55
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: NJD002454544
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 000710701VES
Manifest Type: TSD Copy
Generator EPA Id: PAR000011023
Generator Date: 08/23/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-533-0666
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: VEOLIA ES TECHNICAL SOLUTIONS
TSD Facility Address: 125 FACTORY LN
TSD Facility City: MIDDLESEX
TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D035
Container Number: 1
Container Type: Cargo tanks (tank trucks)
Waste Quantity: 55
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: NJD002454544
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 000710701VES
Manifest Type: TSD Copy
Generator EPA Id: PAR000011023
Generator Date: 08/23/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-533-0666
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: VEOLIA ES TECHNICAL SOLUTIONS
TSD Facility Address: 125 FACTORY LN
TSD Facility City: MIDDLESEX
TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: F003
Container Number: 1
Container Type: Cargo tanks (tank trucks)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANTKO DUFFIELD COLLISION (Continued)

S109244808

Waste Quantity: 55
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: NJD002454544
Date TSP Sig: Not reported

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

I44
East
1/4-1/2
0.300 mi.
1585 ft.

7 ELEVEN 20243
5074 FRANKFORD AVE
PHILADELPHIA, PA 19124
Site 1 of 2 in cluster I

PA LUST **U001448108**
PA ARCHIVE UST **N/A**

Relative:
Higher
Actual:
60 ft.

LUST:
Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608527
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 05/09/2000
Confirmed Date: 05/09/2000
Program Other Id: 51-24569
Client: 7 ELEVEN INC
Incident Id: 5636
Incident Desc: 7-ELEVEN 2 0243
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: VISOD
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: 40.021207
Longitude: -75.079589

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608527
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 05/09/2000
Confirmed Date: 05/09/2000
Program Other Id: 51-24569
Client: 7 ELEVEN INC
Incident Id: 5636
Incident Desc: 7-ELEVEN 2 0243
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: VISOD
Source Cause Of Release: DISP
Tank: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7 ELEVEN 20243 (Continued)

U001448108

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: 40.021207
Longitude: -75.079589

ARCHIVE UST:

Facility Id: 51-24569
Site ID: 515713
Municipality: Philadelphia
Client Date: 142881
Owner Id: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner Address 2: Not reported
Owner City,St,Zip: Not reported
Owner Phone: Not reported
Owner County Code: Not reported
Resp Party Name: 7 ELEVEN INC
RP Address: PO BOX 711
RP Address 2: Not reported
RP City,St,Zip: DALLAS, TX 75221-0711
Region Code Name: Not reported
Regulated Expire Date: Not reported

Tank Sequence #: 003
Tank Id: Not reported
Status: Temporarily Out of use
Status Code End Date: Not reported
Capacity: 10000
Substance: GAS
Tank Substance End Date: Not reported
Install Date: Not reported
Tank Code: UST
Inspection Code: FOI
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: Not reported
Status: Temporarily Out of use
Status Code End Date: Not reported
Capacity: 10000
Substance: GAS
Tank Substance End Date: Not reported
Install Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

7 ELEVEN 20243 (Continued)

U001448108

Tank Code: UST
 Inspection Code: FOI
 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 #: 001
 Tank Id: Not reported
 Status: Temporarily Out of use
 Status Code End Date: Not reported
 Capacity: 10000
 Substance: GAS
 Tank Substance End Date: Not reported
 Install Date: Not reported
 Tank Code: UST
 Inspection Code: FOI
 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
ENE
 1/4-1/2
 0.307 mi.
 1623 ft.

FRANKFORD HIGH SCH
OXFORD AVE & WAKELING ST
PHILADELPHIA, PA

PA UNREG LTANKS **S105919564**
N/A

Relative:
Higher
Actual:
78 ft.

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

I46
East
 1/4-1/2
 0.348 mi.
 1839 ft.

FRANKFORD & DARRAH SITE
5129 5135 FRANKFORD AVE
PHILADELPHIA, PA 19124

PA AUL **S109590856**
PA VCP **N/A**

Site 2 of 2 in cluster I

Relative:
Higher
Actual:
57 ft.

AUL:
 Facility Id: 716772
 Primary Facility Type: Land Recycling and Cleanup Locator
 Latitude: Not reported
 Longitude: Not reported
 Region: Southeast Region
 Client Id: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANKFORD & DARRAH SITE (Continued)

S109590856

Client Name: Not reported
Incident Id / Name Description: Not reported
Remediation Id: 38602
Remediation Received Date: 2/2/2009
Address: 5129 5135 FRANKFORD AVE PHILADELPHIA, PA 19124
AUL Code: ENVIRONMENTAL COVENANT
Received Date: 10/08/2015
Action Date: 06/13/2016
Action: DEP SIGNED
Recorded Date: 06/28/2016
Terminated Date: Not reported
Amended Date: Not reported
Activity Use Limitation Code: Not reported
Activity Use Limitation Desc: Not reported
Aul Comment: Not reported
Internal Use EDR Field: Not reported

VCP:

Cleanup Records:

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Chlorinated Solvents
Type: Complete Sites
LRP Activity Number: 39985
Remediation: Site-Specific Standard
Activity: NO
Date Approved: 08/10/2015
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Groundwater
Latitude: 40.021861
Longitude: -75.078722

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Fuel Oil No 2
Type: Complete Sites
LRP Activity Number: 46687
Remediation: Statewide Health Standard
Activity: NO
Date Approved: 08/10/2015
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: 40.021861
Longitude: -75.078722

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Chlorinated Solvents
Type: Complete Sites
LRP Activity Number: 46687
Remediation: Statewide Health Standard
Activity: NO

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FRANKFORD & DARRAH SITE (Continued)

S109590856

Date Approved: 08/10/2015
 Date Received: Not reported
 Date Nonuse: Not reported
 ICS Code: Not reported
 Media: Soil
 Latitude: 40.021861
 Longitude: -75.078722

Activity:

Activity ID: 716772, 716772, 716772, 716772,
 Municipality: Philadelphia City
 Region: Southeast Region
 Category Desc: Fuel Oil No 2
 Type: Complete Sites
 LRP Activity Number: 39985
 Remediation: Site-Specific Standard
 Activity: NO
 Date Approved: 08/10/2015
 Date Received: Not reported
 Date Nonuse: Not reported
 ICS Code: Not reported
 Media: Groundwater
 Latitude: 40.021861
 Longitude: -75.078722

J47
 East
 1/4-1/2
 0.384 mi.
 2027 ft.

FRANKFORD BANK
 4400 FRANKFORD AVE
 PHILADELPHIA, PA
 Site 1 of 2 in cluster J

PA UNREG LTANKS S105919563
 N/A

Relative:
 Higher

UNREG LTANKS:
 Region: South East
 Contaminant: BTEX
 Closed: 9/19/1995
 Class: Cleanup of Tanks using authorities other than Act 32

Actual:
 58 ft.

J48
 East
 1/4-1/2
 0.418 mi.
 2207 ft.

SALVATION ARMY
 4344 FRANKFORD AVE
 PHILADELPHIA, PA 19124
 Site 2 of 2 in cluster J

PA UNREG LTANKS S105919740
 PA VCP N/A

Relative:
 Higher

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

Actual:
 60 ft.

VCP:

Activity:
 Activity ID: 619023,
 Cleanup Records:
 Municipality: Philadelphia City

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SALVATION ARMY (Continued)

S105919740

Region: Southeast Region
Category Desc: Fuel Oil No 2
Type: Complete Sites
LRP Activity Number: 42931
Remediation: Statewide Health Standard
Activity: NO
Date Approved: 12/08/2011
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: Not reported
Longitude: Not reported

49
East
1/4-1/2
0.434 mi.
2290 ft.

COLONIAL FLOOR COVERING CO
4336 FRANKFORD AVE
PHILADELPHIA, PA 19124

PA LUST **S104005537**
PA ARCHIVE UST **N/A**

Relative:
Higher
Actual:
61 ft.

LUST:
Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608558
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 09/08/2005
Confirmed Date: 01/20/1999
Program Other Id: 51-25871
Client: COLONIAL FLOOR COVERING CO
Incident Id: 5459
Incident Desc: NOC
Suspect Date: Not reported
Source Of Notification: INSTL
Release Discovered: CLOS
Source Cause Of Release: UNDTD
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: 40.011883
Longitude: -75.088119

ARCHIVE UST:

Facility Id: 51-25871
Site ID: Not reported
Municipality: Not reported
Client Date: Not reported
Owner Id: 2363
Owner Name: COLONIAL FLOOR COVERING CO
Owner Address: 4336 FRANKFORD AVE
Owner Address 2: Not reported
Owner City,St,Zip: PHILADELPHIA, PA 19124

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

COLONIAL FLOOR COVERING CO (Continued)

S104005537

Owner Phone: 2152898550
 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: 49854
 Status: Not reported
 Status Code End Date: Not reported
 Capacity: 2000
 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

50
East
1/4-1/2
0.435 mi.
2296 ft.

GILLINGHAM COURT SITE
4541 AND 4547 TACKAWANNA STREET
PHILADELPHIA, PA 19124

US BROWNFIELDS **1023667319**
FINDS **N/A**

Relative:
Lower
Actual:
36 ft.

US BROWNFIELDS:
 Property Name: GILLINGHAM COURT SITE
 Recipient Name: R3 TBA (STAG Funded)
 Grant Type: TBA
 Property Number: Not reported
 Parcel size: .5
 Latitude: 40.0114703
 Longitude: -75.0815416
 HCM Label: Not reported
 Map Scale: Not reported
 Point of Reference: Not reported
 Highlights: Not reported
 Datum: Not reported
 Acres Property ID: 233682
 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: 51938
 Assessment Funding Source: US EPA - TBA Funding
 Redevelopment Funding: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GILLINGHAM COURT SITE (Continued)

1023667319

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:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	1
Cooperative Agreement Number:	n/a
Start Date:	10/04/2016 00:00:00
Ownership Entity:	Private
Completion Date:	03/03/2017 00:00:00
Current Owner:	Not reported
Did Owner Change:	N
Cleanup Required:	N
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:	N
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:	Y
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:	Y
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:	Y
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:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GILLINGHAM COURT SITE (Continued)

1023667319

VOCs found:	Y
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:	.5
Future use greenspace acreage:	Not reported
Future use residential acreage:	.5
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:	Y
Cadmium contaminant found:	Y
Chromium contaminant found:	Y
Copper contaminant found:	Y
Iron contaminant found:	Not reported
Mercury contaminant found:	Y
Nickel contaminant found:	Y
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Y
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:	In 2000, the Frankford Community Development Corporation (FCDC) a non-profit, community-based organization purchased the property contingent on Phase I & II with plans to construct 11 affordable housing units. During the excavation phase, in 2003, underground building foundation were encountered, & a fuel odor was report coming from the soil. Livingston Group, a consultant determined the soil was contaminated and recommended remediation. It is unclear what steps were taken. Apparently the property was not properly remediated for residential use
Below Poverty Number:	4168
Below Poverty Percent:	35.4%

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GILLINGHAM COURT SITE (Continued)

1023667319

Meidan Income: 8541
 Meidan Income Number: 7671
 Meidan Income Percent: 65.1%
 Vacant Housing Number: 818
 Vacant Housing Percent: 16.1%
 Unemployed Number: 1043
 Unemployed Percent: 8.9%

FINDS:

Registry ID: 110070081579

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.

51
 ENE
 1/4-1/2
 0.466 mi.
 2461 ft.

SEPTA FRANKFORD BUS GARAGE
5235 PENN ST
PHILADELPHIA, PA 19124

PA LUST U001454418
PA LAST N/A
PA UST
PA AST
PA ARCHIVE UST
PA ARCHIVE AST

Relative:
Higher

Actual:
57 ft.

LUST:

Region: EP SE Rgnl Off Norristown
 Municipality: Philadelphia City
 Facility Id: 608072
 Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
 Status Date: 08/02/2002
 Confirmed Date: 08/02/2002
 Program Other Id: 51-07480
 Client: SEPTA
 Incident Id: 29605
 Incident Desc: NOC
 Suspect Date: 8/2/2002
 Source Of Notification: INSTL
 Release Discovered: Not reported
 Source Cause Of Release: TANK
 Tank: Not reported
 Impact Desc: Ground Water
 Substance: Diesel Fuel
 CAS RN: 71-43-2
 Chemical: BENZENE
 Comments: Not reported
 Horizontal Ref Datum: WGS84
 Altitude Datum: Not reported
 Latitude: 40.023687
 Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
 Municipality: Philadelphia City

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 08/02/2002
Confirmed Date: 08/02/2002
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 29605
Incident Desc: NOC
Suspect Date: 8/2/2002
Source Of Notification: INSTL
Release Discovered: Not reported
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Ground Water
Substance: Diesel Fuel
CAS RN: 98-82-8
Chemical: CUMENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 08/02/2002
Confirmed Date: 08/02/2002
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 29605
Incident Desc: NOC
Suspect Date: 8/2/2002
Source Of Notification: INSTL
Release Discovered: Not reported
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Ground Water
Substance: Diesel Fuel
CAS RN: 100-41-4
Chemical: ETHYL BENZENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 08/02/2002
Confirmed Date: 08/02/2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

Program Other Id: 51-07480
Client: SEPTA
Incident Id: 29605
Incident Desc: NOC
Suspect Date: 8/2/2002
Source Of Notification: INSTL
Release Discovered: Not reported
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Ground Water
Substance: Diesel Fuel
CAS RN: 86-73-7
Chemical: FLUORENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 08/02/2002
Confirmed Date: 08/02/2002
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 29605
Incident Desc: NOC
Suspect Date: 8/2/2002
Source Of Notification: INSTL
Release Discovered: Not reported
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Ground Water
Substance: Diesel Fuel
CAS RN: 91-20-3
Chemical: NAPHTHALENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 08/02/2002
Confirmed Date: 08/02/2002
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 29605
Incident Desc: NOC
Suspect Date: 8/2/2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

Source Of Notification: INSTL
Release Discovered: Not reported
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Ground Water
Substance: Diesel Fuel
CAS RN: 85-01-8
Chemical: PHENANTHRENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 08/02/2002
Confirmed Date: 08/02/2002
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 29605
Incident Desc: NOC
Suspect Date: 8/2/2002
Source Of Notification: INSTL
Release Discovered: Not reported
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Ground Water
Substance: Diesel Fuel
CAS RN: 108-88-3
Chemical: TOLUENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 08/02/2002
Confirmed Date: 08/02/2002
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 29605
Incident Desc: NOC
Suspect Date: 8/2/2002
Source Of Notification: INSTL
Release Discovered: Not reported
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Soil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

Substance: Diesel Fuel
CAS RN: 71-43-2
Chemical: BENZENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 08/02/2002
Confirmed Date: 08/02/2002
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 29605
Incident Desc: NOC
Suspect Date: 8/2/2002
Source Of Notification: INSTL
Release Discovered: Not reported
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Soil
Substance: Diesel Fuel
CAS RN: 98-82-8
Chemical: CUMENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 08/02/2002
Confirmed Date: 08/02/2002
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 29605
Incident Desc: NOC
Suspect Date: 8/2/2002
Source Of Notification: INSTL
Release Discovered: Not reported
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Soil
Substance: Diesel Fuel
CAS RN: 100-41-4
Chemical: ETHYL BENZENE
Comments: Not reported
Horizontal Ref Datum: WGS84

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 08/02/2002
Confirmed Date: 08/02/2002
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 29605
Incident Desc: NOC
Suspect Date: 8/2/2002
Source Of Notification: INSTL
Release Discovered: Not reported
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Soil
Substance: Diesel Fuel
CAS RN: 86-73-7
Chemical: FLUORENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 08/02/2002
Confirmed Date: 08/02/2002
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 29605
Incident Desc: NOC
Suspect Date: 8/2/2002
Source Of Notification: INSTL
Release Discovered: Not reported
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Soil
Substance: Diesel Fuel
CAS RN: 1634-04-4
Chemical: METHYL TERT-BUTYL ETHER (MTBE)
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 08/02/2002
Confirmed Date: 08/02/2002
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 29605
Incident Desc: NOC
Suspect Date: 8/2/2002
Source Of Notification: INSTL
Release Discovered: Not reported
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Soil
Substance: Diesel Fuel
CAS RN: 91-20-3
Chemical: NAPHTHALENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 08/02/2002
Confirmed Date: 08/02/2002
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 29605
Incident Desc: NOC
Suspect Date: 8/2/2002
Source Of Notification: INSTL
Release Discovered: Not reported
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Soil
Substance: Diesel Fuel
CAS RN: 85-01-8
Chemical: PHENANTHRENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 08/02/2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

Confirmed Date: 08/02/2002
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 29605
Incident Desc: NOC
Suspect Date: 8/2/2002
Source Of Notification: INSTL
Release Discovered: Not reported
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Soil
Substance: Diesel Fuel
CAS RN: 108-88-3
Chemical: TOLUENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated

Status Date: 08/02/2002
Confirmed Date: 08/02/2002
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 29605
Incident Desc: NOC
Suspect Date: 8/2/2002
Source Of Notification: INSTL
Release Discovered: Not reported
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Soil
Substance: Diesel Fuel
CAS RN: 95-63-6
Chemical: TRIMETHYLBENZENE, 1,3,4- (TRIMETHYLBENZENE, 1,2,4-)
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 08/02/2002
Confirmed Date: 08/02/2002
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 29605
Incident Desc: NOC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

Suspect Date: 8/2/2002
Source Of Notification: INSTL
Release Discovered: Not reported
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Soil
Substance: Diesel Fuel
CAS RN: 108-67-8
Chemical: TRIMETHYLBENZENE, 1,3,5-
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 01/23/2007
Confirmed Date: 01/23/2007
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 37537
Incident Desc: NOC
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: CLOS
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Ground Water
Substance: Not reported
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 01/23/2007
Confirmed Date: 01/23/2007
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 37537
Incident Desc: NOC
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: CLOS
Source Cause Of Release: TANK
Tank: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

Impact Desc: Soil
Substance: Used Motor Oil
CAS RN: 71-43-2
Chemical: BENZENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 01/23/2007
Confirmed Date: 01/23/2007
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 37537
Incident Desc: NOC
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: CLOS
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Soil
Substance: Used Motor Oil
CAS RN: 56-55-3
Chemical: BENZO[A]ANTHRACENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 01/23/2007
Confirmed Date: 01/23/2007
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 37537
Incident Desc: NOC
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: CLOS
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Soil
Substance: Used Motor Oil
CAS RN: 50-32-8
Chemical: BENZO[A]PYRENE
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum

Facility Status: Interim or Remedial Actions Initiated

Status Date: 01/23/2007
Confirmed Date: 01/23/2007
Program Other Id: 51-07480

Client: SEPTA
Incident Id: 37537
Incident Desc: NOC
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: CLOS
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Soil
Substance: Used Motor Oil
CAS RN: 205-99-2
Chemical: BENZO[B]FLUORANTHENE

Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum

Facility Status: Interim or Remedial Actions Initiated

Status Date: 01/23/2007
Confirmed Date: 01/23/2007
Program Other Id: 51-07480

Client: SEPTA
Incident Id: 37537
Incident Desc: NOC
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: CLOS
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Soil
Substance: Used Motor Oil
CAS RN: 191-24-2
Chemical: BENZO[GHI]PERYLENE

Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 01/23/2007
Confirmed Date: 01/23/2007
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 37537
Incident Desc: NOC
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: CLOS
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Soil
Substance: Used Motor Oil
CAS RN: 218-01-9
Chemical: CHRYSENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 01/23/2007
Confirmed Date: 01/23/2007
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 37537
Incident Desc: NOC
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: CLOS
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Soil
Substance: Used Motor Oil
CAS RN: 98-82-8
Chemical: CUMENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

Status Date: 01/23/2007
Confirmed Date: 01/23/2007
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 37537
Incident Desc: NOC
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: CLOS
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Soil
Substance: Used Motor Oil
CAS RN: 100-41-4
Chemical: ETHYL BENZENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum

Facility Status: Interim or Remedial Actions Initiated

Status Date: 01/23/2007
Confirmed Date: 01/23/2007
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 37537
Incident Desc: NOC
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: CLOS
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Soil
Substance: Used Motor Oil
CAS RN: 193-39-5
Chemical: INDENO[1,2,3-CD]PYRENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum

Facility Status: Interim or Remedial Actions Initiated

Status Date: 01/23/2007
Confirmed Date: 01/23/2007
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 37537

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

Incident Desc: NOC
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: CLOS
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Soil
Substance: Used Motor Oil
CAS RN: Not reported
Chemical: LEAD (DISSOLVED)
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 01/23/2007
Confirmed Date: 01/23/2007
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 37537
Incident Desc: NOC
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: CLOS
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Soil
Substance: Used Motor Oil
CAS RN: Not reported
Chemical: LEAD (TOTAL)
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 01/23/2007
Confirmed Date: 01/23/2007
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 37537
Incident Desc: NOC
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: CLOS
Source Cause Of Release: TANK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

Tank: Not reported
Impact Desc: Soil
Substance: Used Motor Oil
CAS RN: 91-20-3
Chemical: NAPHTHALENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 01/23/2007
Confirmed Date: 01/23/2007
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 37537
Incident Desc: NOC
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: CLOS
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Soil
Substance: Used Motor Oil
CAS RN: 129-00-0
Chemical: PYRENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 01/23/2007
Confirmed Date: 01/23/2007
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 37537
Incident Desc: NOC
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: CLOS
Source Cause Of Release: TANK
Tank: Not reported
Impact Desc: Soil
Substance: Used Motor Oil
CAS RN: 108-88-3
Chemical: TOLUENE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 08/29/2018
Confirmed Date: 08/29/2018
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 52324
Incident Desc: NOC
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: VISOD
Source Cause Of Release: UNDTD
Tank: Not reported
Impact Desc: Ground Water
Substance: Used Motor Oil
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 08/29/2018
Confirmed Date: 08/29/2018
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 52324
Incident Desc: NOC
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: VISOD
Source Cause Of Release: UNDTD
Tank: Not reported
Impact Desc: Soil
Substance: Used Motor Oil
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Facility Id: 608072
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 10/02/2018
Confirmed Date: 10/02/2018
Program Other Id: 51-07480
Client: SEPTA
Incident Id: 52498
Incident Desc: NOC
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: VISOD
Source Cause Of Release: PUST
Tank: Not reported
Impact Desc: Release to Containment - Unknown Impact
Substance: Diesel Fuel
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783

LAST:

Facility Id: 608072
Facility Type: Aboveground Storage Tank
Facility Status: Cleanup Completed
Status Date: 08/16/2010
Confirmed Date: 06/12/2010
Hor Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 40.023687
Longitude: -75.078783
Region: EP SE Rgnl Off Norristown
Municipality: Philadelphia City
Program Other ID: 51-07480
Client ID: 131920
Client: SEPTA
Incident ID: 41437
Incident Desc: NOC
Suspect Date: Not reported
Status Code: 4
Source of Notification: OWNER
Release Discovered: VISOD
Source Cause of Release: OTHR
Tank: Not reported
Comment: Not reported
Impact Code: CONTD
Impact Desc: Release Contained - No Environ. Impact
Substance Code: DIESEL
Substance: Diesel Fuel
CASRN: Not reported
Chemical: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

UST:

Site ID: 586427
Other Id: 51-07480
Client Id Number: 131920
Municipality Name: Philadelphia
Region: EP SE Rgnl Off Norristown
Mailing Name: SEPTA
Mailing Address: SYSTEM SAFETY DEPT 6TH FL
Mailing Address 2: 1234 MARKET ST
Mailing City,St,Zip: PHILADELPHIA, PA 19107-3780
Registration Expiration Date: 02/04/2019

Tank Seq No: 016
Tank Status: Currently In Use
Capacity: 10000
Substance: Diesel Fuel
Date Installed: 02/01/1994
Tank Code: UST
Inspection Code: Facility Operation Inspection
Tank Last Dt Inspected: 07/25/2018
Decode for Tstatus: Currently In Use
Decode for Substance: Diesel Fuel

Tank Seq No: 017
Tank Status: Currently In Use
Capacity: 10000
Substance: Diesel Fuel
Date Installed: 02/01/1994
Tank Code: UST
Inspection Code: Facility Operation Inspection
Tank Last Dt Inspected: 07/25/2018
Decode for Tstatus: Currently In Use
Decode for Substance: Diesel Fuel

Tank Seq No: 019
Tank Status: Currently In Use
Capacity: 6000
Substance: Gasoline
Date Installed: 02/01/1994
Tank Code: UST
Inspection Code: Facility Operation Inspection
Tank Last Dt Inspected: 07/25/2018
Decode for Tstatus: Currently In Use
Decode for Substance: Gasoline

Tank Seq No: 020
Tank Status: Currently In Use
Capacity: 6000
Substance: New Motor Oil
Date Installed: 02/01/1994
Tank Code: UST
Inspection Code: Facility Operation Inspection
Tank Last Dt Inspected: 07/25/2018
Decode for Tstatus: Currently In Use

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

Decode for Substance: New Motor Oil

Tank Seq No: 021
Tank Status: Currently In Use
Capacity: 2500
Substance: Other
Date Installed: 02/01/1994
Tank Code: UST
Inspection Code: Facility Operation Inspection
Tank Last Dt Inspected: 07/25/2018
Decode for Tstatus: Currently In Use
Decode for Substance: Other

Tank Seq No: 022
Tank Status: Currently In Use
Capacity: 2500
Substance: Used Oil
Date Installed: 02/01/1994
Tank Code: UST
Inspection Code: Facility Operation Inspection
Tank Last Dt Inspected: 07/25/2018
Decode for Tstatus: Currently In Use
Decode for Substance: Used Oil

Tank Seq No: 023
Tank Status: Currently In Use
Capacity: 600
Substance: Used Oil
Date Installed: 02/01/1993
Tank Code: UST
Inspection Code: Facility Operation Inspection
Tank Last Dt Inspected: 07/25/2018
Decode for Tstatus: Currently In Use
Decode for Substance: Used Oil

Tank Seq No: 024
Tank Status: Currently In Use
Capacity: 600
Substance: Used Oil
Date Installed: 02/01/1993
Tank Code: UST
Inspection Code: Facility Operation Inspection
Tank Last Dt Inspected: 07/25/2018
Decode for Tstatus: Currently In Use
Decode for Substance: Used Oil

AST:

Site ID: 586427
Client Id: 131920
Other Id: 51-07480
Mailing Name: SEPTA
Mailing Address: SYSTEM SAFETY DEPT 6TH FL
Mailing Address: 1234 MARKET ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

Mailing City,St,Zip: PHILADELPHIA, PA 19107-3780
Municipality: Philadelphia
Region Name: EP SE Rgnl Off Norristown

Tank Seq Num: 002A
Tank Status: Currently In Use
Tank Capacity: 500
Substance: Hazardous Substance
Date Installed: 02/01/1994
Tank Code: AST
Inspection Code: Not reported
Tank Last Inspected: Not reported
Registration Expiration Date: 02/04/2019
Decode for Tstatus: Currently In Use
Decode for Substance: Hazardous Substance

ARCHIVE UST:

Facility Id: 51-07480
Site ID: Not reported
Municipality: Philadelphia City
Client Date: Not reported
Owner Id: Not reported
Owner Name: SEPTA
Owner Address: 1234 MARKET ST FL 6
Owner Address 2: Not reported
Owner City,St,Zip: PHILADELPHIA, PA 19107-3701
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 #: 003
Tank Id: Not reported
Status: Closed Without a Permit
Status Code End Date: Not reported
Capacity: 10000
Substance: Diesel Fuel
Tank Substance End Date: Not reported
Install Date: 01/01/1983
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: IRA BORTNICK MGR CIVIL ENGR
Company: Not reported

Tank Sequence #: 005
Tank Id: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

Status: Unregulated Removed
Status Code End Date: Not reported
Capacity: 10000
Substance: Diesel Fuel
Tank Substance End Date: Not reported
Install Date: 01/01/1957
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: IRA BORTNICK MGR CIVIL ENGR
Company: Not reported

Tank Sequence #: 025
Tank Id: Not reported
Status: Removed
Status Code End Date: Not reported
Capacity: 600
Substance: Waste Oil
Tank Substance End Date: Not reported
Install Date: 02/01/1993
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: IRA BORTNICK MGR CIVIL ENGR
Company: Not reported

Tank Sequence #: 018
Tank Id: Not reported
Status: Exempt
Status Code End Date: Not reported
Capacity: 10000
Substance: Heating Oil
Tank Substance End Date: Not reported
Install Date: 02/01/1994
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: IRA BORTNICK MGR CIVIL ENGR
Company: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

Tank Sequence #: 015
Tank Id: Not reported
Status: Closed Without a Permit
Status Code End Date: Not reported
Capacity: 550
Substance: Hazardous mixed w/ Petroleum
Tank Substance End Date: Not reported
Install Date: 01/01/1957
Tank Code: UST
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: H
CASRN for Hazardous Substances: Not reported
Chemical Name: Not reported
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: IRA BORTNICK MGR CIVIL ENGR
Company: Not reported

Tank Sequence #: 014
Tank Id: Not reported
Status: Exempt
Status Code End Date: Not reported
Capacity: 10000
Substance: Heating Oil
Tank Substance End Date: Not reported
Install Date: 06/01/1992
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: IRA BORTNICK MGR CIVIL ENGR
Company: Not reported

Tank Sequence #: 013
Tank Id: Not reported
Status: Closed Without a Permit
Status Code End Date: Not reported
Capacity: 550
Substance: Hazardous mixed w/ Petroleum
Tank Substance End Date: Not reported
Install Date: 01/01/1957
Tank Code: UST
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: H
CASRN for Hazardous Substances: Not reported
Chemical Name: Not reported
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: IRA BORTNICK MGR CIVIL ENGR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

Company: Not reported

Tank Sequence #: 012
Tank Id: Not reported
Status: Closed Without a Permit
Status Code End Date: Not reported
Capacity: 550
Substance: Hazardous mixed w/ Petroleum
Tank Substance End Date: Not reported
Install Date: 01/01/1957
Tank Code: UST
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: H
CASRN for Hazardous Substances: Not reported
Chemical Name: Not reported
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: IRA BORTNICK MGR CIVIL ENGR
Company: Not reported

Tank Sequence #: 011
Tank Id: Not reported
Status: Closed Without a Permit
Status Code End Date: Not reported
Capacity: 1000
Substance: Hazardous mixed w/ Petroleum
Tank Substance End Date: Not reported
Install Date: 01/01/1957
Tank Code: UST
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: H
CASRN for Hazardous Substances: Not reported
Chemical Name: Not reported
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: IRA BORTNICK MGR CIVIL ENGR
Company: Not reported

Tank Sequence #: 009
Tank Id: Not reported
Status: Closed Without a Permit
Status Code End Date: Not reported
Capacity: 5000
Substance: New Motor Oil
Tank Substance End Date: Not reported
Install Date: 01/01/1983
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

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: IRA BORTNICK MGR CIVIL ENGR
Company: Not reported

Tank Sequence #: 008
Tank Id: Not reported
Status: Closed Without a Permit
Status Code End Date: Not reported
Capacity: 2500
Substance: Gasoline
Tank Substance End Date: Not reported
Install Date: 01/01/1983
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: IRA BORTNICK MGR CIVIL ENGR
Company: Not reported

Tank Sequence #: 007
Tank Id: Not reported
Status: Closed Without a Permit
Status Code End Date: Not reported
Capacity: 5000
Substance: Heating Oil
Tank Substance End Date: Not reported
Install Date: 01/01/1957
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: IRA BORTNICK MGR CIVIL ENGR
Company: Not reported

Tank Sequence #: 006
Tank Id: Not reported
Status: Closed Without a Permit
Status Code End Date: Not reported
Capacity: 5000
Substance: Heating Oil
Tank Substance End Date: Not reported
Install Date: 01/01/1983
Tank Code: UST
Inspection Code: Not reported
Last Inspection: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

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: IRA BORTNICK MGR CIVIL ENGR
Company: Not reported

Tank Sequence #: 004
Tank Id: Not reported
Status: Unregulated Removed
Status Code End Date: Not reported
Capacity: 10000
Substance: Diesel Fuel
Tank Substance End Date: Not reported
Install Date: 01/01/1957
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: IRA BORTNICK MGR CIVIL ENGR
Company: Not reported

Tank Sequence #: 002
Tank Id: Not reported
Status: Closed Without a Permit
Status Code End Date: Not reported
Capacity: 10000
Substance: Diesel Fuel
Tank Substance End Date: Not reported
Install Date: 01/01/1983
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: IRA BORTNICK MGR CIVIL ENGR
Company: Not reported

Tank Sequence #: 001
Tank Id: Not reported
Status: Closed Without a Permit
Status Code End Date: Not reported
Capacity: 5000
Substance: Hazardous
Tank Substance End Date: Not reported
Install Date: 01/01/1983

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

Tank Code: UST
Inspection Code: Not reported
Last Inspection: Not reported
Substance Type: H
CASRN for Hazardous Substances: 107-21-1
Chemical Name: ETHYLENE GLYCOL
Other Information Regarding The Tank Substance: Not reported
Undeliverable Address Ind.: N
Contact Name: IRA BORTNICK MGR CIVIL ENGR
Company: Not reported

Tank Sequence #: 010
Tank Id: Not reported
Status: Unregulated Removed
Status Code End Date: Not reported
Capacity: 7500
Substance: New Motor Oil
Tank Substance End Date: Not reported
Install Date: 01/01/1957
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: IRA BORTNICK MGR CIVIL ENGR
Company: Not reported

ARCHIVE AST:

Facility ID: 51-07480
Site ID: Not reported
Client ID: Not reported
Municipality: Philadelphia City
Region Name: Not reported
Owner ID: Not reported
Owner Name: SEPTA
Owner Phone: Not reported
Owner Address: 1234 MARKET ST FL 6
Owner Address 2: Not reported
Owner City,St,Zip: PHILADELPHIA, PA 19107-3701
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: 01/01/1983
Status: Exempt
Status Code End Date: Not reported
Capacity: 550
Substance: Other (unlisted) Petroleum

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SEPTA FRANKFORD BUS GARAGE (Continued)

U001454418

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: TRANSMISSION FLUID
 Undeliverable Address Ind.: N
 Contact Name: IRA BORTNICK MGR CIVIL ENGR
 Company: Not reported

K52
East
1/4-1/2
0.467 mi.
2465 ft.

LUSTRIK CORP
4329 PAUL ST
PHILADELPHIA, PA 19124

PA AUL
PA ARCHIVE UST
PA ACT 2-DEED

S109841394
N/A

Site 1 of 3 in cluster K

Relative:
Lower
Actual:
50 ft.

AUL:
 Facility Id: 608166
 Primary Facility Type: Storage Tank Locator
 Latitude: 40 0' 38"
 Longitude: -75 5' 11"
 Region: Southeast Region
 Client Id: 188916
 Client Name: LUSTRIK CORP
 Incident Id / Name Description: Not reported
 Remediation Id: Not reported
 Remediation Received Date: Not reported
 Address: 4329 PAUL ST PHILADELPHIA, PA 19124
 AUL Code: ENVIRONMENTAL COVENANT
 Received Date: 06/26/2009
 Action Date: 06/26/2009
 Action: DEP SIGNED
 Recorded Date: 07/08/2009
 Terminated Date: Not reported
 Amended Date: Not reported
 Activity Use Limitation Code: GWPLM
 Activity Use Limitation Desc: GROUNDWATER USE MONITORED IN PLUME AREA
 Aul Comment: Not reported
 Internal Use EDR Field: DETAIL AS OF JANUARY 2013

ARCHIVE UST:

Facility Id: 51-12749
 Site ID: Not reported
 Municipality: Not reported
 Client Date: Not reported
 Owner Id: 5488
 Owner Name: LUSTRIK CORP
 Owner Address: 4329 PAUL ST
 Owner Address 2: Not reported
 Owner City,St,Zip: PHILADELPHIA, PA 19124
 Owner Phone: 2155356058
 Owner County Code: 51
 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

LUSTRIK CORP (Continued)

S109841394

RP City,St,Zip: Not reported
 Region Code Name: Not reported
 Regulated Expire Date: Not reported

Tank Sequence #: 001
 Tank Id: 48658
 Status: Not reported
 Status Code End Date: Not reported
 Capacity: 15000
 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

ACT 2-DEED:

Region: 4100
 Municipality: Philadelphia
 Site Size: Not reported
 Cleanup Standard: Statewide Health
 Cleanup Indicator: Not reported
 Response Date: 6/25/2009
 Category Description: PAH
 Land Designation Code: Not reported

Region: 4100
 Municipality: Philadelphia
 Site Size: Not reported
 Cleanup Standard: Site Specific
 Cleanup Indicator: Not reported
 Response Date: 6/25/2009
 Category Description: Chlorinated Solvents, Diesel Fuel, Fuel Oil No 2, Fuel Oil No 6, MTBE,
 Other Organics, PAH
 Land Designation Code: Not reported

53
East
1/4-1/2
0.473 mi.
2497 ft.

ACTION ARM LTD
1120 ORTHODOX ST LAB
PHILADELPHIA, PA 19124

PA UNREG LTANKS
PA ENG CONTROLS
PA INST CONTROL
PA VCP
PA ACT 2-DEED

S102607217
N/A

Relative:
Lower
Actual:
43 ft.

UNREG LTANKS:
 Region: South East
 Contaminant: FUEL OIL NO. 2
Closed: Not reported
 Class: Cleanup of Tanks using authorities other than Act 32

ENG CONTROLS:
 Municipality Name: Philadelphia

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACTION ARM LTD (Continued)

S102607217

Primary Facility Id: 619652
Address 2: Not reported
Land Designation Code: ENGC
Region: SE-1

INST CONTROL:

Municipality Name: Philadelphia
Primary Facility Id: 619652
Address 2: Not reported
Land Designation Code: DEEDR
Region: SE-1

VCP:

Cleanup Records:

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Not reported
Type: Complete Sites
LRP Activity Number: 5871
Remediation: Site-Specific Standard
Activity: YES
Date Approved: 10/22/1999
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: 40.018055
Longitude: -75.093055

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Pesticides
Type: Complete Sites
LRP Activity Number: 5873
Remediation: Background Standard
Activity: YES
Date Approved: 10/22/1999
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Groundwater
Latitude: 40.018055
Longitude: -75.093055

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Inorganics
Type: Complete Sites
LRP Activity Number: 5871
Remediation: Site-Specific Standard
Activity: YES
Date Approved: 10/22/1999
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACTION ARM LTD (Continued)

S102607217

Latitude:	40.018055
Longitude:	-75.093055
Municipality:	Philadelphia City
Region:	Southeast Region
Category Desc:	Lead
Type:	Complete Sites
LRP Activity Number:	5871
Remediation:	Site-Specific Standard
Activity:	YES
Date Approved:	10/22/1999
Date Received:	Not reported
Date Nonuse:	Not reported
ICS Code:	Not reported
Media:	Soil
Latitude:	40.018055
Longitude:	-75.093055
Municipality:	Philadelphia City
Region:	Southeast Region
Category Desc:	PAH
Type:	Complete Sites
LRP Activity Number:	5871
Remediation:	Site-Specific Standard
Activity:	YES
Date Approved:	10/22/1999
Date Received:	Not reported
Date Nonuse:	Not reported
ICS Code:	Not reported
Media:	Soil
Latitude:	40.018055
Longitude:	-75.093055
Municipality:	Philadelphia City
Region:	Southeast Region
Category Desc:	Pesticides
Type:	Complete Sites
LRP Activity Number:	5871
Remediation:	Site-Specific Standard
Activity:	YES
Date Approved:	10/22/1999
Date Received:	Not reported
Date Nonuse:	Not reported
ICS Code:	Not reported
Media:	Groundwater
Latitude:	40.018055
Longitude:	-75.093055
Municipality:	Philadelphia City
Region:	Southeast Region
Category Desc:	Not reported
Type:	Complete Sites
LRP Activity Number:	5872
Remediation:	Statewide Health Standard
Activity:	YES
Date Approved:	10/22/1999
Date Received:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACTION ARM LTD (Continued)

S102607217

Date Nonuse:	Not reported
ICS Code:	Not reported
Media:	Soil
Latitude:	40.018055
Longitude:	-75.093055
Municipality:	Philadelphia City
Region:	Southeast Region
Category Desc:	Chlorinated Solvents
Type:	Complete Sites
LRP Activity Number:	5872
Remediation:	Statewide Health Standard
Activity:	YES
Date Approved:	10/22/1999
Date Received:	Not reported
Date Nonuse:	Not reported
ICS Code:	Not reported
Media:	Soil
Latitude:	40.018055
Longitude:	-75.093055
Municipality:	Philadelphia City
Region:	Southeast Region
Category Desc:	Inorganics
Type:	Complete Sites
LRP Activity Number:	5872
Remediation:	Statewide Health Standard
Activity:	YES
Date Approved:	10/22/1999
Date Received:	Not reported
Date Nonuse:	Not reported
ICS Code:	Not reported
Media:	Soil
Latitude:	40.018055
Longitude:	-75.093055
Municipality:	Philadelphia City
Region:	Southeast Region
Category Desc:	Lead
Type:	Complete Sites
LRP Activity Number:	5872
Remediation:	Statewide Health Standard
Activity:	YES
Date Approved:	10/22/1999
Date Received:	Not reported
Date Nonuse:	Not reported
ICS Code:	Not reported
Media:	Soil
Latitude:	40.018055
Longitude:	-75.093055
Municipality:	Philadelphia City
Region:	Southeast Region
Category Desc:	PAH
Type:	Complete Sites
LRP Activity Number:	5872
Remediation:	Statewide Health Standard

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACTION ARM LTD (Continued)

S102607217

Activity:	YES
Date Approved:	10/22/1999
Date Received:	Not reported
Date Nonuse:	Not reported
ICS Code:	Not reported
Media:	Soil
Latitude:	40.018055
Longitude:	-75.093055
Municipality:	Philadelphia City
Region:	Southeast Region
Category Desc:	Pesticides
Type:	Complete Sites
LRP Activity Number:	5872
Remediation:	Statewide Health Standard
Activity:	YES
Date Approved:	10/22/1999
Date Received:	Not reported
Date Nonuse:	Not reported
ICS Code:	Not reported
Media:	Groundwater
Latitude:	40.018055
Longitude:	-75.093055
Municipality:	Philadelphia City
Region:	Southeast Region
Category Desc:	Not reported
Type:	Complete Sites
LRP Activity Number:	5873
Remediation:	Background Standard
Activity:	YES
Date Approved:	10/22/1999
Date Received:	Not reported
Date Nonuse:	Not reported
ICS Code:	Not reported
Media:	Groundwater
Latitude:	40.018055
Longitude:	-75.093055
Municipality:	Philadelphia City
Region:	Southeast Region
Category Desc:	Not reported
Type:	Complete Sites
LRP Activity Number:	5873
Remediation:	Background Standard
Activity:	YES
Date Approved:	10/22/1999
Date Received:	Not reported
Date Nonuse:	Not reported
ICS Code:	Not reported
Media:	Soil
Latitude:	40.018055
Longitude:	-75.093055
Municipality:	Philadelphia City
Region:	Southeast Region
Category Desc:	Chlorinated Solvents

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACTION ARM LTD (Continued)

S102607217

Type: Complete Sites
LRP Activity Number: 5873
Remediation: Background Standard
Activity: YES
Date Approved: 10/22/1999
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Groundwater
Latitude: 40.018055
Longitude: -75.093055

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Inorganics
Type: Complete Sites
LRP Activity Number: 5873
Remediation: Background Standard
Activity: YES
Date Approved: 10/22/1999
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: 40.018055
Longitude: -75.093055

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Lead
Type: Complete Sites
LRP Activity Number: 5873
Remediation: Background Standard
Activity: YES
Date Approved: 10/22/1999
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: 40.018055
Longitude: -75.093055

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: PAH
Type: Complete Sites
LRP Activity Number: 5873
Remediation: Background Standard
Activity: YES
Date Approved: 10/22/1999
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: 40.018055
Longitude: -75.093055

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUSTRIK CORP (Continued)

S122431840

ICS Code: Not reported
Media: Groundwater
Latitude: 40.010652
Longitude: -75.086508

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Chlorinated Solvents
Type: Complete Sites
LRP Activity Number: 36022
Remediation: Background Standard
Activity: NO
Date Approved: 06/25/2009
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: 40.010652
Longitude: -75.086508

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Fuel Oil No 4
Type: Complete Sites
LRP Activity Number: 36022
Remediation: Background Standard
Activity: NO
Date Approved: 06/25/2009
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Groundwater
Latitude: 40.010652
Longitude: -75.086508

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Fuel Oil No 4
Type: Complete Sites
LRP Activity Number: 36022
Remediation: Background Standard
Activity: NO
Date Approved: 06/25/2009
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: 40.010652
Longitude: -75.086508

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: MTBE
Type: Complete Sites
LRP Activity Number: 36022
Remediation: Background Standard
Activity: NO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUSTRIK CORP (Continued)

S122431840

Date Approved:	06/25/2009
Date Received:	Not reported
Date Nonuse:	Not reported
ICS Code:	Not reported
Media:	Groundwater
Latitude:	40.010652
Longitude:	-75.086508
Municipality:	Philadelphia City
Region:	Southeast Region
Category Desc:	MTBE
Type:	Complete Sites
LRP Activity Number:	36022
Remediation:	Background Standard
Activity:	NO
Date Approved:	06/25/2009
Date Received:	Not reported
Date Nonuse:	Not reported
ICS Code:	Not reported
Media:	Soil
Latitude:	40.010652
Longitude:	-75.086508
Municipality:	Philadelphia City
Region:	Southeast Region
Category Desc:	Fuel Oil No 4
Type:	Complete Sites
LRP Activity Number:	39955
Remediation:	Statewide Health Standard
Activity:	NO
Date Approved:	06/25/2009
Date Received:	Not reported
Date Nonuse:	Not reported
ICS Code:	Not reported
Media:	Soil
Latitude:	40.010652
Longitude:	-75.086508
Municipality:	Philadelphia City
Region:	Southeast Region
Category Desc:	Chlorinated Solvents
Type:	Complete Sites
LRP Activity Number:	36023
Remediation:	Site-Specific Standard
Activity:	NO
Date Approved:	06/25/2009
Date Received:	Not reported
Date Nonuse:	Not reported
ICS Code:	Not reported
Media:	Soil
Latitude:	40.010652
Longitude:	-75.086508
Municipality:	Philadelphia City
Region:	Southeast Region
Category Desc:	Fuel Oil No 4
Type:	Complete Sites

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUSTRIK CORP (Continued)

S122431840

LRP Activity Number: 36023
Remediation: Site-Specific Standard
Activity: NO
Date Approved: 06/25/2009
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Groundwater
Latitude: 40.010652
Longitude: -75.086508

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: Fuel Oil No 4
Type: Complete Sites
LRP Activity Number: 36023
Remediation: Site-Specific Standard
Activity: NO
Date Approved: 06/25/2009
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: 40.010652
Longitude: -75.086508

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: MTBE
Type: Complete Sites
LRP Activity Number: 36023
Remediation: Site-Specific Standard
Activity: NO
Date Approved: 06/25/2009
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Groundwater
Latitude: 40.010652
Longitude: -75.086508

Municipality: Philadelphia City
Region: Southeast Region
Category Desc: MTBE
Type: Complete Sites
LRP Activity Number: 36023
Remediation: Site-Specific Standard
Activity: NO
Date Approved: 06/25/2009
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: 40.010652
Longitude: -75.086508

Municipality: Philadelphia City

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUSTRIK CORP (Continued)

S122431806

Activity Use Limitation Code: Not reported
Activity Use Limitation Desc: Not reported
Aul Comment: Not reported
Internal Use EDR Field: Not reported

Count: 3 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PHILADELPHIA	S105919807	WILSON PRK APTS	25TH & JACKSON ST		PA UNREG LTANKS
PHILADELPHIA	1004654884	MSO DRUM ER 7-1-96	FRANKFORD ARSENAL PUBLIC BOAT	19135	SEMS-ARCHIVE
PHILADELPHIA	1024248048	ADVANSIX RESINS & CHEMICALS LLC	2501 MARGARET & BERMUDA ST	19137	CORRACTS, RCRA-TSDF, RCRA-LQI US FIN ASSUR

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: N/A
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 18	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: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: N/A
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 18	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: 03/11/2019
Date Data Arrived at EDR: 03/14/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 18

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: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

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: 03/11/2019
Date Data Arrived at EDR: 03/14/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 34

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: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: 800-424-9346
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 34	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: 02/04/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 06/10/2019
	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: 02/04/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 06/10/2019
	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: 02/20/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST: Storage Tank Release Sites

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

Date of Government Version: 12/11/2018
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

LAST: Storage Tank Release Sites

Leaking Aboveground Storage Tank Incident Reports.

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 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 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 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
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: EPA Region 1
Date Data Arrived at EDR: 03/07/2019	Telephone: 617-918-1313
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 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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 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 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 R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 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 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 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 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

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

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

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 03/25/2019
Number of Days to Update: 142	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Sites

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

Date of Government Version: 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

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: 03/19/2019
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 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

HIST LF ALI: Abandoned Landfill Inventory

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

Date of Government Version: 01/04/2005
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

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: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
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: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Quarterly

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

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
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

Local Land Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/11/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/14/2019	Telephone: 202-564-6023
Date Made Active in Reports: 03/21/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 7	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: 02/08/2019	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 02/08/2019	Telephone: 202-366-4555
Date Made Active in Reports: 03/21/2019	Last EDR Contact: 03/26/2019
Number of Days to Update: 41	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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 04/03/2019
Number of Days to Update: 97	Next Scheduled EDR Contact: 06/03/2019
	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

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/06/2019
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
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/10/2019
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
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/22/2019
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
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/20/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Annually

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
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/24/2019
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: 03/11/2019
Date Data Arrived at EDR: 03/14/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 18

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/14/2019	Telephone: 202-564-8600
Date Made Active in Reports: 03/21/2019	Last EDR Contact: 04/22/2019
Number of Days to Update: 35	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: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: 202-564-6023
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 05/10/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 09/14/2018	Source: EPA
Date Data Arrived at EDR: 10/11/2018	Telephone: 202-566-0500
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 04/10/2019
Number of Days to Update: 57	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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/02/2019
Date Data Arrived at EDR: 01/03/2019
Date Made Active in Reports: 03/15/2019
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/02/2019
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
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.

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: 12/31/2018
Date Data Arrived at EDR: 02/11/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 38

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: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 04/11/2019
Number of Days to Update: 546	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	Source: Department of Energy
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-586-3559
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 05/02/2019
Number of Days to Update: 3	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	Source: Department of Energy
Date Data Arrived at EDR: 10/11/2017	Telephone: 505-845-0011
Date Made Active in Reports: 11/03/2017	Last EDR Contact: 02/22/2019
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/11/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/14/2019	Telephone: 703-603-8787
Date Made Active in Reports: 03/21/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 7	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
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
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
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
Date Data Arrived at EDR: 02/27/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 33

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/10/2019
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
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 03/01/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 03/01/2019
Next Scheduled EDR Contact: 06/10/2019
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
Date Data Arrived at EDR: 03/28/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 34

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/21/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 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: 03/05/2019
Number of Days to Update: 10	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Quarterly

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: 03/01/2019
Number of Days to Update: 71	Next Scheduled EDR Contact: 06/10/2019
	Data Release Frequency: Varies

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

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 03/03/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: 202-564-2280
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/09/2019
Number of Days to Update: 27	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	Source: EPA
Date Data Arrived at EDR: 02/21/2019	Telephone: 800-385-6164
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 02/21/2019
Number of Days to Update: 39	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Quarterly

AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

Date of Government Version: 12/17/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/19/2018	Telephone: 717-787-9702
Date Made Active in Reports: 02/06/2019	Last EDR Contact: 03/20/2019
Number of Days to Update: 49	Next Scheduled EDR Contact: 04/01/2019
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/06/2019
Next Scheduled EDR Contact: 06/17/2019
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

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: 03/06/2019
Next Scheduled EDR Contact: 06/17/2019
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

EDR 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.

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/12/2019

Next Scheduled EDR Contact: 05/27/2019

Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017

Date Data Arrived at EDR: 07/13/2018

Date Made Active in Reports: 08/01/2018

Number of Days to Update: 19

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: 02/19/2019

Next Scheduled EDR Contact: 06/03/2019

Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

AHA Hospitals:

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

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

Medical Centers: Provider of Services Listing

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

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

Nursing Homes

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

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

Public Schools

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

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

Private Schools

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

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

Daycare Centers: Child Care Facility List

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Flood Zone Data: This data 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

4721 OXFORD AVENUE
4721 OXFORD AVENUE
PHILADELPHIA, PA 19124

TARGET PROPERTY COORDINATES

Latitude (North):	40.006586 - 40° 0' 23.71"
Longitude (West):	75.188515 - 75° 11' 18.65"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	483909.5
UTM Y (Meters):	4428295.0
Elevation:	51 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5949526 FRANKFORD, 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).

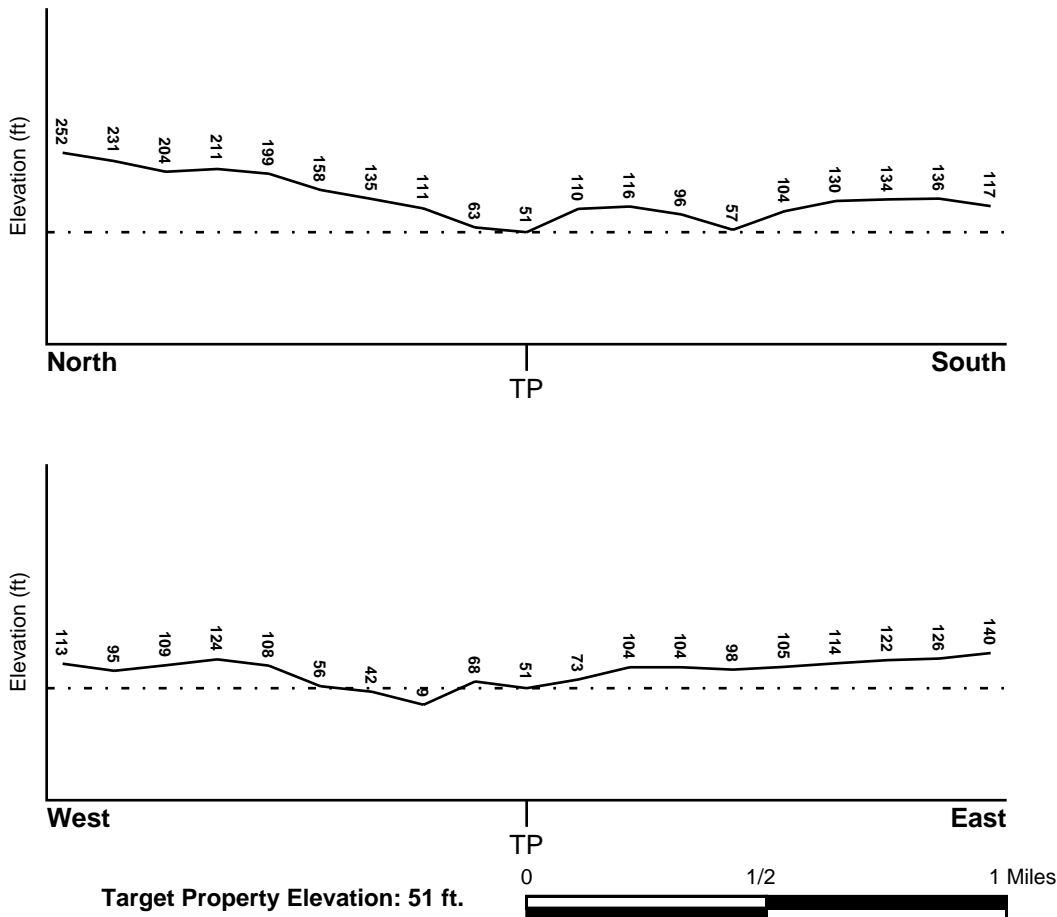
TOPOGRAPHIC INFORMATION

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 West

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>
42091C0389E	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
4207570095F	FEMA Q3 Flood data
4207570089F	FEMA Q3 Flood data
4207570089G	FEMA FIRM Flood data
4207570181F	FEMA Q3 Flood data
4207570177F	FEMA Q3 Flood data
4207570177G	FEMA FIRM Flood data
4207570181G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
NOT AVAILABLE	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>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

Era: Paleozoic
System: Ordovician
Series: Lower Paleozoic granitic rocks
Code: Pzg1 (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

No detail available.

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
---------------	----------------	-------------------------

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	USGS40001005142	0 - 1/8 Mile NNW
B4	USGS40001005248	1/4 - 1/2 Mile NNE
B6	USGS40001005263	1/4 - 1/2 Mile North
B8	USGS40001005279	1/4 - 1/2 Mile North
C9	USGS40001004962	1/4 - 1/2 Mile SE
C12	USGS40001004961	1/4 - 1/2 Mile SE
C14	USGS40001004945	1/4 - 1/2 Mile SE
D17	USGS40001005070	1/4 - 1/2 Mile East
F26	USGS40001005249	1/2 - 1 Mile WNW
F27	USGS40001005250	1/2 - 1 Mile WNW
H33	USGS40001005548	1/2 - 1 Mile North
J39	USGS40001005334	1/2 - 1 Mile ENE
K41	USGS40001005230	1/2 - 1 Mile ENE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
F28	PA1510001	1/2 - 1 Mile WNW

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

STATE DATABASE WELL INFORMATION

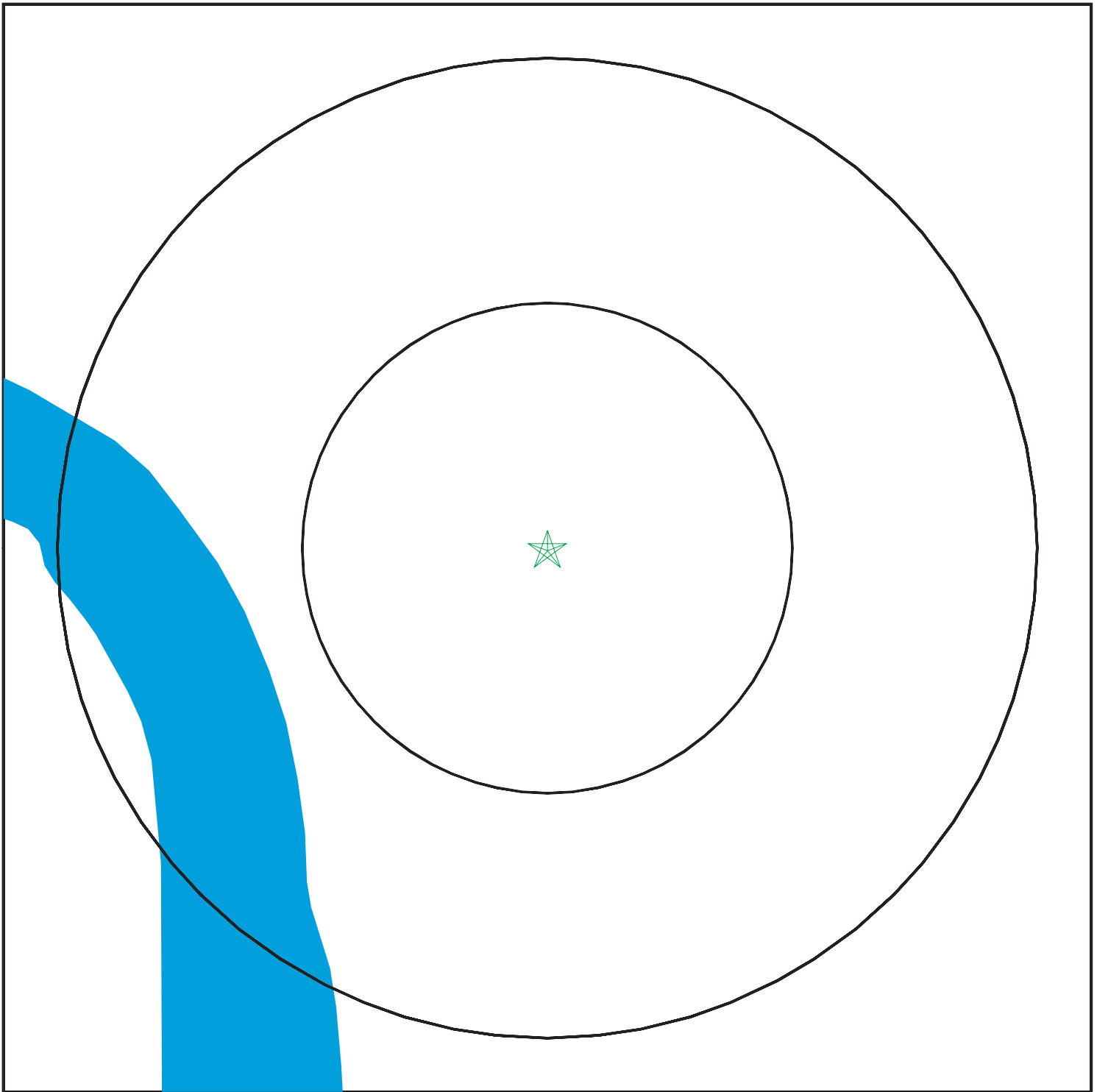
MAP ID	WELL ID	LOCATION FROM TP
A1	PASI60000030237	0 - 1/8 Mile NNW
B3	PASI60000030248	1/8 - 1/4 Mile NNE
B5	PASI60000030254	1/4 - 1/2 Mile North
B7	PASI60000030258	1/4 - 1/2 Mile North
C10	PASI60000030199	1/4 - 1/2 Mile SE
11	PASI60000411693	1/4 - 1/2 Mile WNW
C13	PASI60000030527	1/4 - 1/2 Mile SE
C15	PASI60000030526	1/4 - 1/2 Mile SE
D16	PASI60000030531	1/4 - 1/2 Mile East
E18	PASI60000404589	1/4 - 1/2 Mile ESE
E19	PASI60000405461	1/4 - 1/2 Mile ESE
E20	PASI60000404591	1/4 - 1/2 Mile ESE
E21	PASI60000404592	1/4 - 1/2 Mile ESE
E22	PASI60000404593	1/4 - 1/2 Mile ESE
E23	PASI60000407713	1/4 - 1/2 Mile ESE
F24	PASI60000030249	1/2 - 1 Mile WNW
F25	PASI60000030250	1/2 - 1 Mile WNW
G29	PASI60000406107	1/2 - 1 Mile East
G30	PASI60000406108	1/2 - 1 Mile East
G31	PASI60000406153	1/2 - 1 Mile East
H32	PASI60000030287	1/2 - 1 Mile North
34	PASI60000384900	1/2 - 1 Mile ENE
I35	PASI60000403194	1/2 - 1 Mile NNE
I36	PASI60000403195	1/2 - 1 Mile NNE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
I37	PASI60000402583	1/2 - 1 Mile NNE
J38	PASI60000030263	1/2 - 1 Mile ENE
K40	PASI60000030245	1/2 - 1 Mile ENE

SSURGO SOIL MAP - 5652198.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water

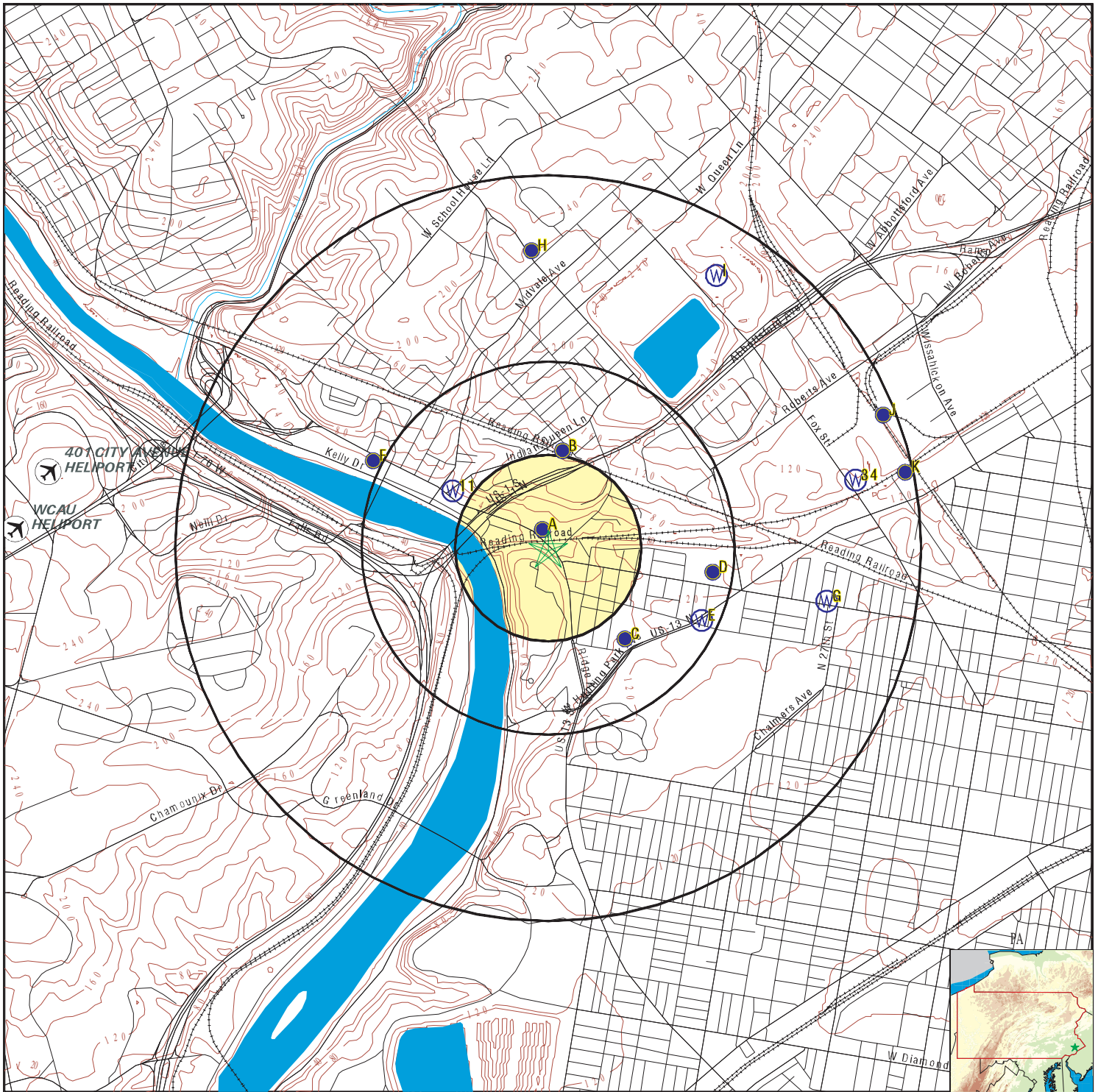


No Soil lines were detected within this map area.

SITE NAME: 4721 OXFORD AVENUE
ADDRESS: 4721 OXFORD AVENUE
Philadelphia PA 19124
LAT/LONG: 40.006586 / 75.188515

CLIENT: R.T. Environmental Services
CONTACT: Jeremy Xu
INQUIRY #: 5652198.2s
DATE: May 14, 2019 4:53 pm

PHYSICAL SETTING SOURCE MAP - 5652198.2s



- 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: 4721 OXFORD AVENUE
 ADDRESS: 4721 OXFORD AVENUE
 Philadelphia PA 19124
 LAT/LONG: 40.006586 / 75.188515

CLIENT: R.T. Environmental Services
 CONTACT: Jeremy Xu
 INQUIRY #: 5652198.2s
 DATE: May 14, 2019 4:52 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1
NNW
0 - 1/8 Mile
Lower

PA WELLS PASI60000030237

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30239	Local Well #:	PH 583
Aquifer:	WISSAHICKON FORMATION	Topography:	Upland Draw
Well Depth:	500	Elevation:	50
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-02
Local Permit #:	Not Reported		
Owner ID:	30040	Ownership Date:	01-NOV-54
Construction Date:	01-JAN-02	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:	Not Reported	Discharge:	30.
Static Water Level (ft):	10.	Agency Providing Data:	Drillers Record
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-JAN-02		
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

A2
NNW
0 - 1/8 Mile
Lower

FED USGS USGS40001005142

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 583	Type:	Well
Description:	Not Reported	HUC:	02040203
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:	19020101

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Depth:	500	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:	1902-01-01
Feet below surface:	10.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**B3
NNE
1/8 - 1/4 Mile
Higher**

PA WELLS PASI60000030248

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30250	Local Well #:	PH 578
Aquifer:	WISSAHICKON FORMATION	Topography:	Hillside
Well Depth:	252	Elevation:	130
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-10
Local Permit #:	Not Reported		
Owner ID:	30051	Ownership Date:	01-JAN-10
Construction Date:	01-JAN-10	Driller:	-204
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	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):	65.
Discharge:	80.	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-10
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

**B4
NNE
1/4 - 1/2 Mile
Higher**

FED USGS USGS40001005248

Organization ID:	USGS-PA
Organization Name:	USGS Pennsylvania Water Science Center

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Monitor Location:	PH 578	Type:	Well
Description:	Not Reported	HUC:	02040203
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:	19100101
Well Depth:	252	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:	1910-01-01
Feet below surface:	65.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**B5
North
1/4 - 1/2 Mile
Higher**

PA WELLS PASI60000030254

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30256	Local Well #:	PH 579
Aquifer:	WISSAHICKON FORMATION	Topography:	Hillside
Well Depth:	302	Elevation:	130
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-15
Local Permit #:	Not Reported		

Owner ID:	30058	Ownership Date:	01-JAN-15
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Construction Date:	01-JAN-15	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):	Not Reported
Discharge:	30.	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:	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

B6
North
1/4 - 1/2 Mile
Higher

FED USGS USGS40001005263

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 579	Type:	Well
Description:	Not Reported	HUC:	02040203
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:	302	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

B7
North
1/4 - 1/2 Mile
Higher

PA WELLS PASI60000030258

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30260	Local Well #:	PH 580
Aquifer:	WISSAHICKON FORMATION	Topography:	Hillside
Well Depth:	200	Elevation:	130
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-15
Local Permit #:	Not Reported		
Owner ID:	30062	Ownership Date:	01-JAN-15
Construction Date:	01-JAN-15	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:	28.	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-JAN-15
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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency Site Use: Inventory Data Site Only Agency Use Date: Not Reported

B8
North
1/4 - 1/2 Mile
Higher

FED USGS USGS40001005279

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 580	Type:	Well
Description:	Not Reported	HUC:	02040203
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:	200	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

C9
SE
1/4 - 1/2 Mile
Higher

FED USGS USGS40001004962

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 739	Type:	Well
Description:	Not Reported	HUC:	02040203
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:	19540101
Well Depth:	370	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

C10
SE
1/4 - 1/2 Mile
Higher

PA WELLS PASI60000030199

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30201	Local Well #:	PH 739
Aquifer:	WISSAHICKON FORMATION	Topography:	Hillside
Well Depth:	370	Elevation:	100
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-54
Local Permit #:	Not Reported		

Owner ID:	29995	Ownership Date:	01-JAN-54
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Construction Date:	Not Reported	Driller:	0249
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Cable Tool

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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:	01-JAN-54	Driller:	-221
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:	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:	Not Reported
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
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Other Identifier:	3	Assigned By:	OWNER PA
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11
WNW
1/4 - 1/2 Mile
Lower

PA WELLS PASI60000411693

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	19	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	15-FEB-13
Local Permit #:	Not Reported		

Owner ID:	7475144	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

C12
SE
 1/4 - 1/2 Mile
 Higher

FED USGS USGS40001004961

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 738	Type:	Well
Description:	Not Reported	HUC:	02040203
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:	19540101
Well Depth:	520	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:	1978-07-07
Feet below surface:	28.00	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1978-07-07	Feet below surface:	28.00
Feet to sea level:	Not Reported	Note:	Not Reported

C13
SE
 1/4 - 1/2 Mile
 Higher

PA WELLS PASI60000030527

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30529	Local Well #:	PH 738
Aquifer:	WISSAHICKON FORMATION	Topography:	Hillside
Well Depth:	520	Elevation:	100
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-54
Local Permit #:	Not Reported		

Owner ID:	30367	Ownership Date:	01-JAN-54
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Construction Date:	01-APR-65	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

Construction Date:	01-JAN-54	Driller:	-221
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:	USGS OR PAGS
Discharge Measurement Method:	Reported, Method not known		
Discharge:	45.	Static Water Level (ft):	28.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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:	07-JUL-78
Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Reported, Method not known	Static Water Level (ft):	Not Reported
Discharge:	32.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	Not Reported
Production Water Level (ft):	130.	Test Length (min):	Not Reported
Yield (gmp/ft):	Not Reported	Date Discharged:	01-APR-65
SiteStatus at Test:	Not Reported		
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

**C14
SE
1/4 - 1/2 Mile
Higher**

FED USGS USGS40001004945

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center	Type:	Well
Monitor Location:	PH 584	HUC:	02040203
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:	19540101
Well Depth:	729	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported
Ground water levels,Number of Measurements:	6	Level reading date:	1979-01-09
Feet below surface:	18.69	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1979-01-09	Feet below surface:	18.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-07-08	Feet below surface:	19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-07-08	Feet below surface:	19
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1955-01-04	Feet below surface:	18.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1955-01-04	Feet below surface:	18.5
Feet to sea level:	Not Reported	Note:	Not Reported

**C15
SE
1/4 - 1/2 Mile
Higher**

PA WELLS PASI60000030526

Database:	Pennsylvania Groundwater Information System	Local Well #:	PH 584
GWIS ID:	30528	Topography:	Hillside
Aquifer:	WISSAHICKON FORMATION	Elevation:	110
Well Depth:	729	Depth to Bedrock:	0
Site Type:	W	Date Drilled:	01-JAN-54
Saltwater Zone:	0		
Local Permit #:	Not Reported		
Owner ID:	30366	Ownership Date:	01-JAN-54
Construction Date:	01-JAN-54	Driller:	-221
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):	18.7	Agency Providing Data:	Usgs Or Pags
WL Measurement Method:	UNKNOWN	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:	09-JAN-79		
Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Not Reported	Discharge:	32.
Static Water Level (ft):	22.	Agency Providing Data:	Drillers Record
WL Measurement Method:	Not Reported	Production Water Level (ft):	182.
Drawdown (ft):	Not Reported	Yield (gmp/ft):	0.2
Test Length (min):	40.	SiteStatus at Test:	Not Reported
Date Discharged:	04-JAN-54		
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:	1	Assigned By:	OWNER PA

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

D16
East
1/4 - 1/2 Mile
Higher

PA WELLS PASI60000030531

Database:	Pennsylvania Groundwater Information System	Local Well #:	PH 585
GWIS ID:	30533	Topography:	Hillside
Aquifer:	WISSAHICKON FORMATION	Elevation:	120
Well Depth:	256	Depth to Bedrock:	0
Site Type:	W	Date Drilled:	23-APR-40
Saltwater Zone:	0		
Local Permit #:	Not Reported		
Owner ID:	30371	Ownership Date:	23-APR-40
Construction Date:	23-APR-40	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):	29.	Agency Providing Data:	Other/Unknown/Unspecified
WL Measurement Method:	UNKNOWN	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-APR-40		
Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Reported, Method not known	Static Water Level (ft):	Not Reported
Discharge:	28.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	Not Reported
Production Water Level (ft):	127.	Test Length (min):	7.
Yield (gmp/ft):	0.29	Date Discharged:	Not Reported
SiteStatus at Test:	Not Reported		
Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Reported, Method not known	Static Water Level (ft):	Not Reported
Discharge:	36.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	Not Reported
Production Water Level (ft):	182.	Test Length (min):	Not Reported
Yield (gmp/ft):	0.24	Date Discharged:	23-APR-40
SiteStatus at Test:	Not Reported		
Lithology:	UNKNOWN	Contributing Unit:	Secondary
Top of Interval:	25.	Bottom of Interval:	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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

D17
East
1/4 - 1/2 Mile
Higher

FED USGS USGS40001005070

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 585	Type:	Well
Description:	Not Reported	HUC:	02040203
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:	19400423
Well Depth:	256	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:	1940-04-01
Feet below surface:	29.00	Feet to sea level:	Not Reported
Note:	Not Reported		

E18
ESE
1/4 - 1/2 Mile
Higher

PA WELLS PASI60000404589

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:	31-JAN-12
Local Permit #:	Not Reported		

Owner ID:	7467968	Ownership Date:	Not Reported
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Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

E19
ESE
1/4 - 1/2 Mile
Higher

PA WELLS PASI60000405461

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Depth:	20	Elevation:	0
Site Type:	W	Depth to Bedrock:	12
Saltwater Zone:	0	Date Drilled:	04-APR-12
Local Permit #:	Not Reported		
Owner ID:	7468952	Ownership Date:	Not Reported
Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

**E20
ESE
1/4 - 1/2 Mile
Higher**

PA WELLS PASI60000404591

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:	31-JAN-12
Local Permit #:	Not Reported		
Owner ID:	7467970	Ownership Date:	Not Reported
Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

**E21
ESE
1/4 - 1/2 Mile
Higher**

PA WELLS PASI60000404592

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:	31-JAN-12
Local Permit #:	Not Reported		
Owner ID:	7467971	Ownership Date:	Not Reported
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

E22
ESE
1/4 - 1/2 Mile
Higher

PA WELLS PASI60000404593

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:	31-JAN-12
Local Permit #:	Not Reported		
Owner ID:	7467972	Ownership Date:	Not Reported
Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

E23
ESE
1/4 - 1/2 Mile
Higher

PA WELLS PASI60000407713

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:	03-AUG-12
Local Permit #:	Not Reported		
Owner ID:	7471019	Ownership Date:	Not Reported
Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

F24
WNW
1/2 - 1 Mile
Lower

PA WELLS PASI60000030249

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30251	Local Well #:	PH 587
Aquifer:	WISSAHICKON FORMATION	Topography:	Valley Flat
Well Depth:	181	Elevation:	40
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-11
Local Permit #:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner ID:	30052	Ownership Date:	01-JAN-11
Construction Date:	01-JAN-11	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):	14.14285
Discharge:	60.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	Not Reported
Production Water Level (ft):	157.	Test Length (min):	4.5
Yield (gmp/ft):	0.42	Date Discharged:	19-MAY-41
SiteStatus at Test:	Not Reported		
Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Reported, Method not known	Static Water Level (ft):	15.
Discharge:	70.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
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-11
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

**F25
WNW
1/2 - 1 Mile
Lower**

PA WELLS PASI60000030250

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30252	Local Well #:	PH 588
Aquifer:	WISSAHICKON FORMATION	Topography:	Valley Flat
Well Depth:	242	Elevation:	40
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-12
Local Permit #:	Not Reported		
Owner ID:	30053	Ownership Date:	01-JAN-12
Construction Date:	01-JAN-12	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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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):	15.
Discharge:	130.	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-12
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

F26
WNW
1/2 - 1 Mile
Lower

FED USGS USGS40001005249

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 587	Type:	Well
Description:	Not Reported	HUC:	02040203
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:	19110101
Well Depth:	181	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:	1941-05-19
Feet below surface:	15.00	Feet to sea level:	Not Reported
Note:	Not Reported		

F27
WNW
1/2 - 1 Mile
Lower

FED USGS USGS40001005250

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 588	Type:	Well
Description:	Not Reported	HUC:	02040203
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:	19120101

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Depth:	242	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:	1912-01-01
Feet below surface:	15.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**F28
WNW
1/2 - 1 Mile
Lower**

FRDS PWS PA1510001

Epa region:	03	State:	PA
Pwsid:	PA1510001	Pwsname:	PHILADELPHIA WATER DEPARTMENT
Cityserved:	Not Reported	Stateserved:	PA
Zipserved:	Not Reported	Fipscounty:	42101
Status:	Active	Retpopsrvd:	1600000
Pwssvconn:	475190	Psource longname:	Surface_water
Pwstype:	CWS	Owner:	Local_Govt
Contact:	JOHN MULDOWNEY, MGR OF TRTMNT		
Contactorgname:	PHILADELPHIA WATER DEPARTMENT		
Contactphone:	215-685-6257	Contactaddress1:	1101 MARKET ST, ARAMARK TOWER
Contactaddress2:	Not Reported	Contactcity:	PHILADELPHIA
Contactstate:	PA	Contactzip:	19107
Pwsactivitycode:	A		
Pwsid:	PA1510001	Facid:	301
Facname:	BAXTER	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	particulate removal
Trtprocess:	coagulation	Factypecode:	TP
Pwsid:	PA1510001	Facid:	301
Facname:	BAXTER	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	corrosion control
Trtprocess:	ph adjustment	Factypecode:	TP
Pwsid:	PA1510001	Facid:	301
Facname:	BAXTER	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	PA1510001	Facid:	301
Facname:	BAXTER	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	particulate removal
Trtprocess:	flocculation	Factypecode:	TP
Pwsid:	PA1510001	Facid:	301
Facname:	BAXTER	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	particulate removal
Trtprocess:	sedimentation	Factypecode:	TP
Pwsid:	PA1510001	Facid:	301
Facname:	BAXTER	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	particulate removal
Trtprocess:	filtration, rapid sand	Factypecode:	TP
Pwsid:	PA1510001	Facid:	301
Facname:	BAXTER	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection by-products control
Trtprocess:	chloramines	Factypecode:	TP

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	PA1510001	Facid:	301
Facname:	BAXTER	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP
Pwsid:	PA1510001	Facid:	301
Facname:	BAXTER	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	corrosion control
Trtprocess:	inhibitor, orthophosphate	Factypecode:	TP
Pwsid:	PA1510001	Facid:	301
Facname:	BAXTER	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	innovative	Factypecode:	TP
Pwsid:	PA1510001	Facid:	302
Facname:	BELMONT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	taste / odor control
Trtprocess:	algae control	Factypecode:	TP
Pwsid:	PA1510001	Facid:	302
Facname:	BELMONT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	particulate removal
Trtprocess:	sedimentation	Factypecode:	TP
Pwsid:	PA1510001	Facid:	302
Facname:	BELMONT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	hypochlorination, pre	Factypecode:	TP
Pwsid:	PA1510001	Facid:	302
Facname:	BELMONT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	particulate removal
Trtprocess:	coagulation	Factypecode:	TP
Pwsid:	PA1510001	Facid:	302
Facname:	BELMONT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	corrosion control
Trtprocess:	ph adjustment	Factypecode:	TP
Pwsid:	PA1510001	Facid:	302
Facname:	BELMONT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	particulate removal
Trtprocess:	filtration, rapid sand	Factypecode:	TP
Pwsid:	PA1510001	Facid:	302
Facname:	BELMONT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	hypochlorination, post	Factypecode:	TP
Pwsid:	PA1510001	Facid:	302
Facname:	BELMONT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection by-products control
Trtprocess:	chloramines	Factypecode:	TP
Pwsid:	PA1510001	Facid:	302
Facname:	BELMONT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP
Pwsid:	PA1510001	Facid:	302
Facname:	BELMONT	Factype:	Treatment_plant

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facactivitycode:	A	Trtobjective:	corrosion control
Trtprocess:	inhibitor, orthophosphate	Factypecode:	TP
Pwsid:	PA1510001	Facid:	303
Facname:	QUEEN LANE	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	taste / odor control
Trtprocess:	permanganate	Factypecode:	TP
Pwsid:	PA1510001	Facid:	303
Facname:	QUEEN LANE	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	taste / odor control
Trtprocess:	algae control	Factypecode:	TP
Pwsid:	PA1510001	Facid:	303
Facname:	QUEEN LANE	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	particulate removal
Trtprocess:	coagulation	Factypecode:	TP
Pwsid:	PA1510001	Facid:	303
Facname:	QUEEN LANE	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	hypochlorination, pre	Factypecode:	TP
Pwsid:	PA1510001	Facid:	303
Facname:	QUEEN LANE	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	particulate removal
Trtprocess:	flocculation	Factypecode:	TP
Pwsid:	PA1510001	Facid:	303
Facname:	QUEEN LANE	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	particulate removal
Trtprocess:	sedimentation	Factypecode:	TP
Pwsid:	PA1510001	Facid:	303
Facname:	QUEEN LANE	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	hypochlorination, post	Factypecode:	TP
Pwsid:	PA1510001	Facid:	303
Facname:	QUEEN LANE	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	particulate removal
Trtprocess:	filtration, rapid sand	Factypecode:	TP
Pwsid:	PA1510001	Facid:	303
Facname:	QUEEN LANE	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	corrosion control
Trtprocess:	inhibitor, orthophosphate	Factypecode:	TP
Pwsid:	PA1510001	Facid:	303
Facname:	QUEEN LANE	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP
Pwsid:	PA1510001	Facid:	303
Facname:	QUEEN LANE	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection by-products control
Trtprocess:	chloramines	Factypecode:	TP
PWS ID:	PA1510001	PWS name:	PHILADELPHIA WATER DEPARTMENT
Address:	9001STATE ROAD	Care of:	Not Reported
City:	PHILADELPHIA	State:	PA
Zip:	19136	Owner:	PHILADELPHIA WATER DEPARTMENT

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Source code:	Surface water	Population:	1755000
PWS ID:	PA1510001	PWS type:	Mailing
PWS name:	PHILADELPHIA WATER DEPARTMENT	PWS address:	1101 MARKET STREET
PWS address:	WILLIAM WANKOFF	PWS state:	PA
PWS city:	PHILADELPHIA	PWS name:	PHILADELPHIA WATER DEPARTMENT
PWS zip:	191072994	Retail population served:	1600000
PWS type code:	C		
Contact:	JOHN MULDOWNEY, MGR OF TRTMNT		
Contact address:	1101 MARKET ST, ARAMARK TOWER		
Contact address:	PHILADELPHIA	Contact city:	PA
Contact state:	19	Contact zip:	215-685-62
Contact telephone:	Not Reported		
County:	PHILADELPHIA	Source:	Surface water
Treatment Objective:	DISINFECTION BY-PRODUCTS CONTROL	Population:	1755000
Process:	CHLORAMINES		
County:	PHILADELPHIA	Source:	Surface water
Treatment Objective:	CORROSION CONTROL	Process:	INHIBITOR, ORTHOPHOSPHATE
Population:	1755000		
County:	PHILADELPHIA	Source:	Surface water
Treatment Objective:	CORROSION CONTROL	Process:	PH ADJUSTMENT
Population:	1755000		
County:	PHILADELPHIA	Source:	Surface water
Treatment Objective:	DISINFECTION	Process:	GASEOUS CHLORINATION, PRE
Population:	1755000		
County:	PHILADELPHIA	Source:	Surface water
Treatment Objective:	DISINFECTION	Process:	HYPOCHLORINATION, POST
Population:	1755000		
County:	PHILADELPHIA	Source:	Surface water
Treatment Objective:	DISINFECTION	Process:	HYPOCHLORINATION, PRE
Population:	1755000		
County:	PHILADELPHIA	Source:	Surface water
Treatment Objective:	ORGANICS REMOVAL	Process:	AERATION, CASCADE
Population:	1755000		
County:	PHILADELPHIA	Source:	Surface water
Treatment Objective:	PARTICULATE REMOVAL	Process:	COAGULATION
Population:	1755000		
County:	PHILADELPHIA	Source:	Surface water
Treatment Objective:	PARTICULATE REMOVAL	Process:	FILTRATION, RAPID SAND
Population:	1755000		
County:	PHILADELPHIA	Source:	Surface water
Treatment Objective:	PARTICULATE REMOVAL	Process:	FLOCCULATION
Population:	1755000		
County:	PHILADELPHIA	Source:	Surface water
Treatment Objective:	PARTICULATE REMOVAL	Process:	SEDIMENTATION
Population:	1755000		
County:	PHILADELPHIA	Source:	Surface water
Treatment Objective:	TASTE / ODOR CONTROL	Process:	ALGAE CONTROL
Population:	1755000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

County:	PHILADELPHIA	Source:	Surface water
Treatment Objective:	Z	Process:	FLUORIDATION
Population:	1755000		
PWS ID:	PA1510001	Activity status:	Active
Date system activated:	Not Reported	Date system deactivated:	Not Reported
Retail population:	01755000	System name:	PHILADELPHIA WATER DEPARTMENT
System address:	Not Reported	System address:	9001 STATE ROAD
System city:	PHILADELPHIA	System state:	PA
System zip:	19136		
Population served:	over 100,000 Persons	Treatment:	Treated
Latitude:	400034	Longitude:	0751155
Latitude:	395909	Longitude:	0751220
Latitude:	400218	Longitude:	0745937
State:	PA	Latitude degrees:	39
Latitude minutes:	59	Latitude seconds:	9.0000
Longitude degrees:	75	Longitude minutes:	12
Longitude seconds:	20.0000		
State:	PA	Latitude degrees:	40
Latitude minutes:	0	Latitude seconds:	34.0000
Longitude degrees:	75	Longitude minutes:	11
Longitude seconds:	55.0000		
State:	PA	Latitude degrees:	40
Latitude minutes:	2	Latitude seconds:	18.0000
Longitude degrees:	74	Longitude minutes:	59
Longitude seconds:	37.0000		
Violation id:	02V0001	Orig code:	F
State:	PA	Violation Year:	2002
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	07/01/2002
Cmp edt:	07/23/2002		
Violation id:	0401827	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	0999	Contamination Name:	Chlorine
Violation code:	27	Violation name:	Monitoring and Reporting (DBP)
Rule code:	210	Rule name:	St1 DBP
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	04/01/2003
Cmp edt:	06/30/2003		
Violation id:	0401829	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	2456	Contamination Name:	Total Haloacetic Acids (HAA5)
Violation code:	27	Violation name:	Monitoring and Reporting (DBP)
Rule code:	210	Rule name:	St1 DBP
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	04/01/2003
Cmp edt:	06/30/2003		
Violation id:	0401830	Orig code:	S

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

State:	PA	Violation Year:	2003
Contamination code:	2456	Contamination Name:	Total Haloacetic Acids (HAA5)
Violation code:	27	Violation name:	Monitoring and Reporting (DBP)
Rule code:	210	Rule name:	St1 DBP
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2003
Cmp edt:	09/30/2003		
Violation id:	0401833	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	36		
Violation name:	Monitoring of Treatment (SWTR-Filter)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	03/01/2003
Cmp edt:	03/31/2003		
Violation id:	0401834	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	36		
Violation name:	Monitoring of Treatment (SWTR-Filter)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	04/01/2003
Cmp edt:	04/30/2003		
Violation id:	0401839	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	2920	Contamination Name:	CARBON, TOTAL
Violation code:	46		
Violation name:	Treatment Technique Precursor Removal		
Rule code:	210	Rule name:	St1 DBP
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	01/01/2003
Cmp edt:	03/31/2003		
Violation id:	0401840	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	2920	Contamination Name:	CARBON, TOTAL
Violation code:	46		
Violation name:	Treatment Technique Precursor Removal		
Rule code:	210	Rule name:	St1 DBP
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	04/01/2003
Cmp edt:	06/30/2003		
Violation id:	0401841	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	2920	Contamination Name:	CARBON, TOTAL
Violation code:	46		
Violation name:	Treatment Technique Precursor Removal		
Rule code:	210	Rule name:	St1 DBP
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2003
Cmp edt:	09/30/2003		
Violation id:	0401846	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	2920	Contamination Name:	CARBON, TOTAL
Violation code:	27	Violation name:	Monitoring and Reporting (DBP)

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rule code:	210	Rule name:	St1 DBP
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	01/01/2003
Cmp edt:	03/31/2003		
Violation id:	0401849	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	2920	Contamination Name:	CARBON, TOTAL
Violation code:	27	Violation name:	Monitoring and Reporting (DBP)
Rule code:	210	Rule name:	St1 DBP
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2003
Cmp edt:	09/30/2003		
Violation id:	0404768	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	36		
Violation name:	Monitoring of Treatment (SWTR-Filter)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	11/01/2003
Cmp edt:	11/30/2003		
Violation id:	0408313	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	24	Violation name:	Monitoring, Routine Minor (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	12/01/2003
Cmp edt:	12/31/2003		
Violation id:	0408314	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	0999	Contamination Name:	Chlorine
Violation code:	27	Violation name:	Monitoring and Reporting (DBP)
Rule code:	210	Rule name:	St1 DBP
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2003
Cmp edt:	12/31/2003		
Violation id:	0408315	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	2456	Contamination Name:	Total Haloacetic Acids (HAA5)
Violation code:	27	Violation name:	Monitoring and Reporting (DBP)
Rule code:	210	Rule name:	St1 DBP
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2003
Cmp edt:	12/31/2003		
Violation id:	0408316	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	36		
Violation name:	Monitoring of Treatment (SWTR-Filter)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	12/01/2003
Cmp edt:	12/31/2003		
Violation id:	0408317	Orig code:	S

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State:	PA	Violation Year:	2003
Contamination code:	2033	Contamination Name:	Endothall
Violation code:	03	Violation name:	Monitoring, Regular
Rule code:	320	Rule name:	SOC
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	01/01/2003
Cmp edt:	12/31/2003		
Violation id:	0408319	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	2033	Contamination Name:	Endothall
Violation code:	03	Violation name:	Monitoring, Regular
Rule code:	320	Rule name:	SOC
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	01/01/2003
Cmp edt:	12/31/2003		
Violation id:	0408320	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	2306	Contamination Name:	Benzo(a)pyrene
Violation code:	03	Violation name:	Monitoring, Regular
Rule code:	320	Rule name:	SOC
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	01/01/2003
Cmp edt:	12/31/2003		
Violation id:	0408323	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	2033	Contamination Name:	Endothall
Violation code:	03	Violation name:	Monitoring, Regular
Rule code:	320	Rule name:	SOC
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	01/01/2003
Cmp edt:	12/31/2003		
Violation id:	0425056	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	2920	Contamination Name:	CARBON, TOTAL
Violation code:	46		
Violation name:	Treatment Technique Precursor Removal		
Rule code:	210	Rule name:	St1 DBP
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2003
Cmp edt:	12/31/2003		
Violation id:	0425063	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	2920	Contamination Name:	CARBON, TOTAL
Violation code:	46		
Violation name:	Treatment Technique Precursor Removal		
Rule code:	210	Rule name:	St1 DBP
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2003
Cmp edt:	12/31/2003		
Violation id:	0425069	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	2920	Contamination Name:	CARBON, TOTAL
Violation code:	27	Violation name:	Monitoring and Reporting (DBP)
Rule code:	210	Rule name:	St1 DBP
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2003

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Cmp edt: 12/31/2003

Violation id:	0425070	Orig code:	S
State:	PA	Violation Year:	2003
Contamination code:	2920	Contamination Name:	CARBON, TOTAL
Violation code:	46		
Violation name:	Treatment Technique Precursor Removal		
Rule code:	210	Rule name:	St1 DBP
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2003
Cmp edt:	12/31/2003		

Violation id:	0425262	Orig code:	S
State:	PA	Violation Year:	2004
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	01/01/2004
Cmp edt:	01/31/2004		

Violation id:	0425605	Orig code:	S
State:	PA	Violation Year:	2004
Contamination code:	0300	Contamination Name:	IESWTR
Violation code:	38		
Violation name:	Monitoring, Turbidity (Enhanced SWTR)		
Rule code:	122	Rule name:	LT1 ESWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	02/01/2004
Cmp edt:	02/29/2004		

Violation id:	0426565	Orig code:	S
State:	PA	Violation Year:	2004
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	24	Violation name:	Monitoring, Routine Minor (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	03/01/2004
Cmp edt:	03/31/2004		

Violation id:	0426566	Orig code:	S
State:	PA	Violation Year:	2004
Contamination code:	1040	Contamination Name:	Nitrate
Violation code:	03	Violation name:	Monitoring, Regular
Rule code:	331	Rule name:	Nitrates
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	01/01/2004
Cmp edt:	03/31/2004		

Violation id:	0428954	Orig code:	S
State:	PA	Violation Year:	2004
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	36		
Violation name:	Monitoring of Treatment (SWTR-Filter)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	02/01/2004
Cmp edt:	02/29/2004		

Violation id:	0438468	Orig code:	S
State:	PA	Violation Year:	2004
Contamination code:	0200	Contamination Name:	SWTR

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Violation code:	36		
Violation name:	Monitoring of Treatment (SWTR-Filter)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2004
Cmp edt:	07/31/2004		
Violation id:	0438469	Orig code:	S
State:	PA	Violation Year:	2004
Contamination code:	0300	Contamination Name:	IESWTR
Violation code:	38		
Violation name:	Monitoring, Turbidity (Enhanced SWTR)		
Rule code:	122	Rule name:	LT1 ESWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2004
Cmp edt:	07/31/2004		
Violation id:	0532965	Orig code:	S
State:	PA	Violation Year:	2005
Contamination code:	2920	Contamination Name:	CARBON, TOTAL
Violation code:	27	Violation name:	Monitoring and Reporting (DBP)
Rule code:	210	Rule name:	St1 DBP
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	04/01/2005
Cmp edt:	06/30/2005		
Violation id:	0622183	Orig code:	S
State:	PA	Violation Year:	2006
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	36		
Violation name:	Monitoring of Treatment (SWTR-Filter)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	06/01/2006
Cmp edt:	06/30/2006		
Violation id:	0622184	Orig code:	S
State:	PA	Violation Year:	2006
Contamination code:	0300	Contamination Name:	IESWTR
Violation code:	38		
Violation name:	Monitoring, Turbidity (Enhanced SWTR)		
Rule code:	122	Rule name:	LT1 ESWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported		
Cmp bdt:	06/01/2006	Cmp edt:	06/30/2006
Violation id:	0701574	Orig code:	S
State:	PA	Violation Year:	2006
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	36	Violation name:	Monitoring of Treatment (SWTR-Filter)
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	11/01/2006
Cmp edt:	11/30/2006		
Violation id:	0701575	Orig code:	S
State:	PA	Violation Year:	2006
Contamination code:	0300	Contamination Name:	IESWTR
Violation code:	38	Violation name:	Monitoring, Turbidity (Enhanced SWTR)
Rule code:	122	Rule name:	LT1 ESWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	11/01/2006

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Cmp edt: 11/30/2006

Violation id: 0703663
 State: PA
 Contamination code: 1040
 Violation code: 03
 Rule code: 331
 Violation measur: Not Reported
 State mcl: Not Reported
 Cmp edt: 12/31/2006

Orig code: S
 Violation Year: 2006
 Contamination Name: Nitrate
 Violation name: Monitoring, Regular
 Rule name: Nitrates
 Unit of measure: Not Reported
 Cmp bdt: 10/01/2006

Violation id: 0724551
 State: PA
 Contamination code: 7000
 Violation code: 71
 Rule code: 420
 Violation measur: Not Reported
 State mcl: Not Reported
 Cmp edt: Not Reported

Orig code: S
 Violation Year: 2007
 Contamination Name: Consumer Confidence Rule
 Violation name: CCR Complete Failure to Report
 Rule name: CCR
 Unit of measure: Not Reported
 Cmp bdt: 07/01/2007

Violation id: 0724555
 State: PA
 Contamination code: 0200
 Violation code: 41
 Rule code: 121
 Violation measur: Not Reported
 State mcl: Not Reported
 Cmp edt: 07/31/2007

Orig code: S
 Violation Year: 2007
 Contamination Name: SWTR
 Violation name: Treatment Technique (SWTR and GWR)
 Rule name: SWTR
 Unit of measure: Not Reported
 Cmp bdt: 07/01/2007

Violation id: 0810033
 State: PA
 Contamination code: 0200
 Violation code: 36
 Rule code: 121
 Violation measur: Not Reported
 State mcl: Not Reported
 Cmp edt: 01/31/2008

Orig code: S
 Violation Year: 2008
 Contamination Name: SWTR
 Violation name: Monitoring of Treatment (SWTR-Filter)
 Rule name: SWTR
 Unit of measure: Not Reported
 Cmp bdt: 01/01/2008

Violation id: 0810034
 State: PA
 Contamination code: 0300
 Violation code: 38
 Rule code: 122
 Violation measur: Not Reported
 State mcl: Not Reported
 Cmp edt: 01/31/2008

Orig code: S
 Violation Year: 2008
 Contamination Name: IESWTR
 Violation name: Monitoring, Turbidity (Enhanced SWTR)
 Rule name: LT1 ESWTR
 Unit of measure: Not Reported
 Cmp bdt: 01/01/2008

Violation id: 0921305
 State: PA
 Contamination code: 0300
 Violation code: 38
 Rule code: 122
 Violation measur: Not Reported
 State mcl: Not Reported
 Cmp edt: 09/30/2009

Orig code: S
 Violation Year: 2009
 Contamination Name: IESWTR
 Violation name: Monitoring, Turbidity (Enhanced SWTR)
 Rule name: LT1 ESWTR
 Unit of measure: Not Reported
 Cmp bdt: 09/01/2009

Violation id: 1019683
 State: PA
 Contamination code: 0300
 Violation code: 38
 Rule code: 122
 Violation measur: Not Reported

Orig code: S
 Violation Year: 2010
 Contamination Name: IESWTR
 Violation name: Monitoring, Turbidity (Enhanced SWTR)
 Rule name: LT1 ESWTR
 Unit of measure: Not Reported

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State mcl:	Not Reported	Cmp bdt:	08/01/2010
Cmp edt:	08/31/2010		
Violation id:	1021113	Orig code:	S
State:	PA	Violation Year:	2010
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	41	Violation name:	Treatment Technique (SWTR and GWR)
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	09/01/2010
Cmp edt:	09/30/2010		
Violation id:	1101524	Orig code:	S
State:	PA	Violation Year:	2010
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	41	Violation name:	Treatment Technique (SWTR and GWR)
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	11/01/2010
Cmp edt:	11/30/2010		
Violation id:	1224900	Orig code:	S
State:	PA	Violation Year:	2012
Contamination code:	0300	Contamination Name:	IESWTR
Violation code:	38	Violation name:	Monitoring, Turbidity (Enhanced SWTR)
Rule code:	122	Rule name:	LT1 ESWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	04/01/2012
Cmp edt:	04/30/2012		
Violation id:	1226878	Orig code:	S
State:	PA	Violation Year:	2012
Contamination code:	0300	Contamination Name:	IESWTR
Violation code:	38	Violation name:	Monitoring, Turbidity (Enhanced SWTR)
Rule code:	122	Rule name:	LT1 ESWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	05/01/2012
Cmp edt:	05/31/2012		
Violation id:	1325335	Orig code:	S
State:	PA	Violation Year:	2013
Contamination code:	0300	Contamination Name:	IESWTR
Violation code:	38	Violation name:	Monitoring, Turbidity (Enhanced SWTR)
Rule code:	122	Rule name:	LT1 ESWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	04/01/2013
Cmp edt:	04/30/2013		
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	71
Contaminant:	7000	Compliance Begin:	7/1/2002 0:00:00
Compliance End:	7/23/2002 0:00:00	Violation ID:	02V0001
Enforcement Date:	7/23/2002 0:00:00	Enforcement Action:	EOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	71
Contaminant:	7000	Compliance Begin:	7/1/2002 0:00:00
Compliance End:	7/23/2002 0:00:00	Violation ID:	02V0001
Enforcement Date:	7/23/2002 0:00:00	Enforcement Action:	EOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	27
Contaminant:	0999	Compliance Begin:	4/1/2003 0:00:00
Compliance End:	6/30/2003 0:00:00	Violation ID:	0401827
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX

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System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	27
Contaminant:	0999	Compliance Begin:	4/1/2003 0:00:00
Compliance End:	6/30/2003 0:00:00	Violation ID:	0401827
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	27
Contaminant:	2456	Compliance Begin:	4/1/2003 0:00:00
Compliance End:	6/30/2003 0:00:00	Violation ID:	0401829
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	27
Contaminant:	2456	Compliance Begin:	4/1/2003 0:00:00
Compliance End:	6/30/2003 0:00:00	Violation ID:	0401829
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	27
Contaminant:	2456	Compliance Begin:	7/1/2003 0:00:00
Compliance End:	9/30/2003 0:00:00	Violation ID:	0401830
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	27
Contaminant:	2456	Compliance Begin:	7/1/2003 0:00:00
Compliance End:	9/30/2003 0:00:00	Violation ID:	0401830
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	36
Contaminant:	0200	Compliance Begin:	3/1/2003 0:00:00
Compliance End:	3/31/2003 0:00:00	Violation ID:	0401833
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	36
Contaminant:	0200	Compliance Begin:	3/1/2003 0:00:00
Compliance End:	3/31/2003 0:00:00	Violation ID:	0401833
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	36
Contaminant:	0200	Compliance Begin:	4/1/2003 0:00:00
Compliance End:	4/30/2003 0:00:00	Violation ID:	0401834
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	36
Contaminant:	0200	Compliance Begin:	4/1/2003 0:00:00
Compliance End:	4/30/2003 0:00:00	Violation ID:	0401834
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	46
Contaminant:	2920	Compliance Begin:	1/1/2003 0:00:00
Compliance End:	3/31/2003 0:00:00	Violation ID:	0401839
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	46
Contaminant:	2920	Compliance Begin:	1/1/2003 0:00:00
Compliance End:	3/31/2003 0:00:00	Violation ID:	0401839
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	46
Contaminant:	2920	Compliance Begin:	4/1/2003 0:00:00
Compliance End:	6/30/2003 0:00:00	Violation ID:	0401840
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	46
Contaminant:	2920	Compliance Begin:	4/1/2003 0:00:00

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Compliance End:	6/30/2003 0:00:00	Violation ID:	0401840
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	46
Contaminant:	2920	Compliance Begin:	7/1/2003 0:00:00
Compliance End:	9/30/2003 0:00:00	Violation ID:	0401841
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	46
Contaminant:	2920	Compliance Begin:	7/1/2003 0:00:00
Compliance End:	9/30/2003 0:00:00	Violation ID:	0401841
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	27
Contaminant:	2920	Compliance Begin:	1/1/2003 0:00:00
Compliance End:	3/31/2003 0:00:00	Violation ID:	0401846
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	27
Contaminant:	2920	Compliance Begin:	1/1/2003 0:00:00
Compliance End:	3/31/2003 0:00:00	Violation ID:	0401846
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	27
Contaminant:	2920	Compliance Begin:	7/1/2003 0:00:00
Compliance End:	9/30/2003 0:00:00	Violation ID:	0401849
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	27
Contaminant:	2920	Compliance Begin:	7/1/2003 0:00:00
Compliance End:	9/30/2003 0:00:00	Violation ID:	0401849
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	36
Contaminant:	0200	Compliance Begin:	11/1/2003 0:00:00
Compliance End:	11/30/2003 0:00:00	Violation ID:	0404768
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	36
Contaminant:	0200	Compliance Begin:	11/1/2003 0:00:00
Compliance End:	11/30/2003 0:00:00	Violation ID:	0404768
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	24
Contaminant:	3100	Compliance Begin:	12/1/2003 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	0408313
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	24
Contaminant:	3100	Compliance Begin:	12/1/2003 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	0408313
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	27
Contaminant:	0999	Compliance Begin:	10/1/2003 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	0408314
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	27
Contaminant:	0999	Compliance Begin:	10/1/2003 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	0408314
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX

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System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	27
Contaminant:	2456	Compliance Begin:	10/1/2003 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	0408315
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	27
Contaminant:	2456	Compliance Begin:	10/1/2003 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	0408315
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	36
Contaminant:	0200	Compliance Begin:	12/1/2003 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	0408316
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	36
Contaminant:	0200	Compliance Begin:	12/1/2003 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	0408316
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	3
Contaminant:	2033	Compliance Begin:	1/1/2003 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	0408317
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	3
Contaminant:	2033	Compliance Begin:	1/1/2003 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	0408317
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	3
Contaminant:	2033	Compliance Begin:	1/1/2003 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	0408319
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	3
Contaminant:	2033	Compliance Begin:	1/1/2003 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	0408319
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	3
Contaminant:	2306	Compliance Begin:	1/1/2003 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	0408320
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	3
Contaminant:	2306	Compliance Begin:	1/1/2003 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	0408320
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	3
Contaminant:	2033	Compliance Begin:	1/1/2003 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	0408323
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	3
Contaminant:	2033	Compliance Begin:	1/1/2003 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	0408323
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	46
Contaminant:	2920	Compliance Begin:	10/1/2003 0:00:00

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Compliance End:	12/31/2003 0:00:00	Violation ID:	0425056
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	46
Contaminant:	2920	Compliance Begin:	10/1/2003 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	0425056
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	46
Contaminant:	2920	Compliance Begin:	10/1/2003 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	0425063
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	46
Contaminant:	2920	Compliance Begin:	10/1/2003 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	0425063
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	27
Contaminant:	2920	Compliance Begin:	10/1/2003 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	0425069
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	27
Contaminant:	2920	Compliance Begin:	10/1/2003 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	0425069
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	46
Contaminant:	2920	Compliance Begin:	10/1/2003 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	0425070
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	46
Contaminant:	2920	Compliance Begin:	10/1/2003 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	0425070
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1/1/2004 0:00:00
Compliance End:	1/31/2004 0:00:00	Violation ID:	0425262
Enforcement Date:	1/13/2005 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1/1/2004 0:00:00
Compliance End:	1/31/2004 0:00:00	Violation ID:	0425262
Enforcement Date:	1/13/2005 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	38
Contaminant:	0300	Compliance Begin:	2/1/2004 0:00:00
Compliance End:	2/29/2004 0:00:00	Violation ID:	0425605
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	38
Contaminant:	0300	Compliance Begin:	2/1/2004 0:00:00
Compliance End:	2/29/2004 0:00:00	Violation ID:	0425605
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	24
Contaminant:	3100	Compliance Begin:	3/1/2004 0:00:00
Compliance End:	3/31/2004 0:00:00	Violation ID:	0426565
Enforcement Date:	1/13/2005 0:00:00	Enforcement Action:	SOX

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System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	24
Contaminant:	3100	Compliance Begin:	3/1/2004 0:00:00
Compliance End:	3/31/2004 0:00:00	Violation ID:	0426565
Enforcement Date:	1/13/2005 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	3
Contaminant:	1040	Compliance Begin:	1/1/2004 0:00:00
Compliance End:	3/31/2004 0:00:00	Violation ID:	0426566
Enforcement Date:	1/13/2005 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	3
Contaminant:	1040	Compliance Begin:	1/1/2004 0:00:00
Compliance End:	3/31/2004 0:00:00	Violation ID:	0426566
Enforcement Date:	1/13/2005 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	36
Contaminant:	0200	Compliance Begin:	2/1/2004 0:00:00
Compliance End:	2/29/2004 0:00:00	Violation ID:	0428954
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	36
Contaminant:	0200	Compliance Begin:	2/1/2004 0:00:00
Compliance End:	2/29/2004 0:00:00	Violation ID:	0428954
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	36
Contaminant:	0200	Compliance Begin:	7/1/2004 0:00:00
Compliance End:	7/31/2004 0:00:00	Violation ID:	0438468
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	36
Contaminant:	0200	Compliance Begin:	7/1/2004 0:00:00
Compliance End:	7/31/2004 0:00:00	Violation ID:	0438468
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	38
Contaminant:	0300	Compliance Begin:	7/1/2004 0:00:00
Compliance End:	7/31/2004 0:00:00	Violation ID:	0438469
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	38
Contaminant:	0300	Compliance Begin:	7/1/2004 0:00:00
Compliance End:	7/31/2004 0:00:00	Violation ID:	0438469
Enforcement Date:	10/25/2004 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	27
Contaminant:	2920	Compliance Begin:	4/1/2005 0:00:00
Compliance End:	6/30/2005 0:00:00	Violation ID:	0532965
Enforcement Date:	9/14/2005 0:00:00	Enforcement Action:	SFR
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	27
Contaminant:	2920	Compliance Begin:	4/1/2005 0:00:00
Compliance End:	6/30/2005 0:00:00	Violation ID:	0532965
Enforcement Date:	9/14/2005 0:00:00	Enforcement Action:	SFR
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	27
Contaminant:	2920	Compliance Begin:	4/1/2005 0:00:00
Compliance End:	6/30/2005 0:00:00	Violation ID:	0532965
Enforcement Date:	9/14/2005 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	27
Contaminant:	2920	Compliance Begin:	4/1/2005 0:00:00

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Compliance End:	6/30/2005 0:00:00	Violation ID:	0532965
Enforcement Date:	9/14/2005 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	36
Contaminant:	0200	Compliance Begin:	6/1/2006 0:00:00
Compliance End:	6/30/2006 0:00:00	Violation ID:	0622183
Enforcement Date:	1/26/2007 0:00:00	Enforcement Action:	SFR
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	36
Contaminant:	0200	Compliance Begin:	6/1/2006 0:00:00
Compliance End:	6/30/2006 0:00:00	Violation ID:	0622183
Enforcement Date:	1/26/2007 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	38
Contaminant:	0300	Compliance Begin:	6/1/2006 0:00:00
Compliance End:	6/30/2006 0:00:00	Violation ID:	0622184
Enforcement Date:	1/26/2007 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	38
Contaminant:	0300	Compliance Begin:	6/1/2006 0:00:00
Compliance End:	6/30/2006 0:00:00	Violation ID:	0622184
Enforcement Date:	1/26/2007 0:00:00	Enforcement Action:	SFR
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	36
Contaminant:	0200	Compliance Begin:	11/1/2006 0:00:00
Compliance End:	11/30/2006 0:00:00	Violation ID:	0701574
Enforcement Date:	1/26/2007 0:00:00	Enforcement Action:	SFR
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	36
Contaminant:	0200	Compliance Begin:	11/1/2006 0:00:00
Compliance End:	11/30/2006 0:00:00	Violation ID:	0701574
Enforcement Date:	1/26/2007 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	38
Contaminant:	0300	Compliance Begin:	11/1/2006 0:00:00
Compliance End:	11/30/2006 0:00:00	Violation ID:	0701575
Enforcement Date:	1/26/2007 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	38
Contaminant:	0300	Compliance Begin:	11/1/2006 0:00:00
Compliance End:	11/30/2006 0:00:00	Violation ID:	0701575
Enforcement Date:	1/26/2007 0:00:00	Enforcement Action:	SFR
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	3
Contaminant:	1040	Compliance Begin:	10/1/2006 0:00:00
Compliance End:	12/31/2006 0:00:00	Violation ID:	0703663
Enforcement Date:	2/8/2007 0:00:00	Enforcement Action:	SIA
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	3
Contaminant:	1040	Compliance Begin:	10/1/2006 0:00:00
Compliance End:	12/31/2006 0:00:00	Violation ID:	0703663
Enforcement Date:	2/8/2007 0:00:00	Enforcement Action:	SOX
System Name:	PHILADELPHIA WATER DEPARTMENT	Violation Type:	3
Contaminant:	1040	Compliance Begin:	10/1/2006 0:00:00
Compliance End:	12/31/2006 0:00:00	Violation ID:	0703663
Enforcement Date:	2/8/2007 0:00:00	Enforcement Action:	SFR
System Name:	PHILADELPHIA WATER DEPARTM	Violation Type:	03
Contaminant:	2931	Compliance Begin:	1995-01-01
Compliance End:	1995-03-31	Violation ID:	9566531
Enforcement Date:	Not Reported	Enforcement Action:	Not Reported

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System Name:	PHILADELPHIA WATER DEPARTM	Violation Type:	03
Contaminant:	2946	Compliance Begin:	1995-01-01
Compliance End:	1995-03-31	Violation ID:	9566532
Enforcement Date:	Not Reported	Enforcement Action:	Not Reported
Violation ID:	02V0001	Orig Code:	F
Enforcemnt FY:	2002	Enforcement Action:	07/23/2002
Enforcement Detail:	Fed Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0401827	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0401829	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0401830	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0401833	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0401834	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0401839	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0401840	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0401841	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0401846	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0401849	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0404768	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0408313	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0408314	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0408315	Orig Code:	S

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Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0408316	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0408317	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0408319	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0408320	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0408323	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0425056	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0425063	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0425069	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0425070	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0425262	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	01/13/2005
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0425605	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0426565	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	01/13/2005
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0426566	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	01/13/2005
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0428954	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0438468	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

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Violation ID:	0438469	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/25/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0532965	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	09/14/2005
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0532965	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	09/14/2005
Enforcement Detail:	St Consent Decree/Judgement		
Enforcement Category:	Formal		
Violation ID:	0622183	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	01/26/2007
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0622184	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	01/26/2007
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0701574	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	01/26/2007
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0701575	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	01/26/2007
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0703663	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	02/08/2007
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0703663	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	02/08/2007
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0724551	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	09/26/2007
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0724551	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	09/26/2007
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0724555	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	09/26/2007
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0724555	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	09/26/2007
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0810033	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	03/10/2008
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0810033	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	03/10/2008

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Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0810034	Orig Code:	S
Enforcement FY:	2008	Enforcement Action:	03/10/2008
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0810034	Orig Code:	S
Enforcement FY:	2008	Enforcement Action:	03/10/2008
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0921305	Orig Code:	S
Enforcement FY:	2010	Enforcement Action:	11/24/2009
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0921305	Orig Code:	S
Enforcement FY:	2010	Enforcement Action:	10/29/2009
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0921305	Orig Code:	S
Enforcement FY:	2010	Enforcement Action:	10/29/2009
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0921305	Orig Code:	S
Enforcement FY:	2010	Enforcement Action:	07/09/2010
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	1019683	Orig Code:	S
Enforcement FY:	2011	Enforcement Action:	07/25/2011
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	1019683	Orig Code:	S
Enforcement FY:	2011	Enforcement Action:	07/25/2011
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	1019683	Orig Code:	S
Enforcement FY:	2011	Enforcement Action:	02/24/2011
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	1021113	Orig Code:	S
Enforcement FY:	2011	Enforcement Action:	12/27/2010
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	1021113	Orig Code:	S
Enforcement FY:	2011	Enforcement Action:	12/27/2010
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	1021113	Orig Code:	S
Enforcement FY:	2011	Enforcement Action:	12/27/2010
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	1021113	Orig Code:	S
Enforcement FY:	2011	Enforcement Action:	12/27/2010
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	1101524	Orig Code:	S
Enforcement FY:	2011	Enforcement Action:	12/27/2010
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		

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Violation ID:	1101524	Orig Code:	S
Enforcemnt FY:	2011	Enforcement Action:	12/27/2010
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	1101524	Orig Code:	S
Enforcemnt FY:	2011	Enforcement Action:	12/27/2010
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	1101524	Orig Code:	S
Enforcemnt FY:	2011	Enforcement Action:	12/27/2010
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	1224900	Orig Code:	S
Enforcemnt FY:	2013	Enforcement Action:	06/03/2013
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	1224900	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	06/01/2012
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	1224900	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	06/01/2012
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	1224900	Orig Code:	S
Enforcemnt FY:	2013	Enforcement Action:	06/03/2013
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	1226878	Orig Code:	S
Enforcemnt FY:	2013	Enforcement Action:	06/03/2013
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	1226878	Orig Code:	S
Enforcemnt FY:	2013	Enforcement Action:	11/26/2012
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	1226878	Orig Code:	S
Enforcemnt FY:	2013	Enforcement Action:	06/03/2013
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	1226878	Orig Code:	S
Enforcemnt FY:	2013	Enforcement Action:	11/26/2012
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	1325335	Orig Code:	S
Enforcemnt FY:	2014	Enforcement Action:	11/05/2013
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	1325335	Orig Code:	S
Enforcemnt FY:	2013	Enforcement Action:	07/30/2013
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	02V0001	Contaminant:	7000
Violation type:	71	Compliance start date:	7/1/2002 0:00:00
Compliance end date:	7/23/2002 0:00:00	Enforcement date:	7/23/2002 0:00:00
Enforcement action:	Fed Compliance Achieved	Violation measurement:	0
PWS name:	PHILADELPHIA WATER DEPARTMENT		

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Population served:	1600000	PWS type code:	C
Violation ID:	0401827	Contaminant:	0999
Violation type:	27	Compliance start date:	4/1/2003 0:00:00
Compliance end date:	6/30/2003 0:00:00	Enforcement date:	10/25/2004 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0401829	Contaminant:	2456
Violation type:	27	Compliance start date:	4/1/2003 0:00:00
Compliance end date:	6/30/2003 0:00:00	Enforcement date:	10/25/2004 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0401830	Contaminant:	2456
Violation type:	27	Compliance start date:	7/1/2003 0:00:00
Compliance end date:	9/30/2003 0:00:00	Enforcement date:	10/25/2004 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0401833	Contaminant:	SWTR
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	3/1/2003 0:00:00	Compliance end date:	3/31/2003 0:00:00
Enforcement date:	10/25/2004 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0401834	Contaminant:	SWTR
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	4/1/2003 0:00:00	Compliance end date:	4/30/2003 0:00:00
Enforcement date:	10/25/2004 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0401839	Contaminant:	CARBON, TOTAL-ORGANIC
Violation type:	46	Compliance start date:	1/1/2003 0:00:00
Compliance end date:	3/31/2003 0:00:00	Enforcement date:	10/25/2004 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0401840	Contaminant:	CARBON, TOTAL-ORGANIC
Violation type:	46	Compliance start date:	4/1/2003 0:00:00
Compliance end date:	6/30/2003 0:00:00	Enforcement date:	10/25/2004 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0401841	Contaminant:	CARBON, TOTAL-ORGANIC
Violation type:	46	Compliance start date:	7/1/2003 0:00:00
Compliance end date:	9/30/2003 0:00:00	Enforcement date:	10/25/2004 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0401846	Contaminant:	CARBON, TOTAL-ORGANIC
Violation type:	27	Compliance start date:	1/1/2003 0:00:00
Compliance end date:	3/31/2003 0:00:00	Enforcement date:	10/25/2004 0:00:00

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Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0401849	Contaminant:	CARBON, TOTAL-ORGANIC
Violation type:	27	Compliance start date:	7/1/2003 0:00:00
Compliance end date:	9/30/2003 0:00:00	Enforcement date:	10/25/2004 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0404768	Contaminant:	SWTR
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	11/1/2003 0:00:00	Compliance end date:	11/30/2003 0:00:00
Enforcement date:	10/25/2004 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0408313	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Minor (TCR)		
Compliance start date:	12/1/2003 0:00:00	Compliance end date:	12/31/2003 0:00:00
Enforcement date:	10/25/2004 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0408314	Contaminant:	0999
Violation type:	27	Compliance start date:	10/1/2003 0:00:00
Compliance end date:	12/31/2003 0:00:00	Enforcement date:	10/25/2004 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0408315	Contaminant:	2456
Violation type:	27	Compliance start date:	10/1/2003 0:00:00
Compliance end date:	12/31/2003 0:00:00	Enforcement date:	10/25/2004 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0408316	Contaminant:	SWTR
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	12/1/2003 0:00:00	Compliance end date:	12/31/2003 0:00:00
Enforcement date:	10/25/2004 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0408317	Contaminant:	ENDOTHALL
Violation type:	3	Compliance start date:	1/1/2003 0:00:00
Compliance end date:	12/31/2003 0:00:00	Enforcement date:	10/25/2004 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0408319	Contaminant:	ENDOTHALL
Violation type:	3	Compliance start date:	1/1/2003 0:00:00
Compliance end date:	12/31/2003 0:00:00	Enforcement date:	10/25/2004 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		

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Population served:	1600000	PWS type code:	C
Violation ID:	0408320	Contaminant:	BENZO (A) PYRENE
Violation type:	3	Compliance start date:	1/1/2003 0:00:00
Compliance end date:	12/31/2003 0:00:00	Enforcement date:	10/25/2004 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0408323	Contaminant:	ENDOTHALL
Violation type:	3	Compliance start date:	1/1/2003 0:00:00
Compliance end date:	12/31/2003 0:00:00	Enforcement date:	10/25/2004 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0425056	Contaminant:	CARBON, TOTAL-ORGANIC
Violation type:	46	Compliance start date:	10/1/2003 0:00:00
Compliance end date:	12/31/2003 0:00:00	Enforcement date:	10/25/2004 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0425063	Contaminant:	CARBON, TOTAL-ORGANIC
Violation type:	46	Compliance start date:	10/1/2003 0:00:00
Compliance end date:	12/31/2003 0:00:00	Enforcement date:	10/25/2004 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0425069	Contaminant:	CARBON, TOTAL-ORGANIC
Violation type:	27	Compliance start date:	10/1/2003 0:00:00
Compliance end date:	12/31/2003 0:00:00	Enforcement date:	10/25/2004 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0425070	Contaminant:	CARBON, TOTAL-ORGANIC
Violation type:	46	Compliance start date:	10/1/2003 0:00:00
Compliance end date:	12/31/2003 0:00:00	Enforcement date:	10/25/2004 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0425262	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	1/1/2004 0:00:00	Compliance end date:	1/31/2004 0:00:00
Enforcement date:	1/13/2005 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0425605	Contaminant:	0300
Violation type:	38	Compliance start date:	2/1/2004 0:00:00
Compliance end date:	2/29/2004 0:00:00	Enforcement date:	10/25/2004 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0426565	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Minor (TCR)		
Compliance start date:	3/1/2004 0:00:00	Compliance end date:	3/31/2004 0:00:00
Enforcement date:	1/13/2005 0:00:00	Enforcement action:	State Compliance Achieved

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Violation measurement:	Not Reported		
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0426566	Contaminant:	NITRATE
Violation type:	3	Compliance start date:	1/1/2004 0:00:00
Compliance end date:	3/31/2004 0:00:00	Enforcement date:	1/13/2005 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0428954	Contaminant:	SWTR
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	2/1/2004 0:00:00	Compliance end date:	2/29/2004 0:00:00
Enforcement date:	10/25/2004 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0438468	Contaminant:	SWTR
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	7/1/2004 0:00:00	Compliance end date:	7/31/2004 0:00:00
Enforcement date:	10/25/2004 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0438469	Contaminant:	0300
Violation type:	38	Compliance start date:	7/1/2004 0:00:00
Compliance end date:	7/31/2004 0:00:00	Enforcement date:	10/25/2004 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0532965	Contaminant:	CARBON, TOTAL-ORGANIC
Violation type:	27	Compliance start date:	4/1/2005 0:00:00
Compliance end date:	6/30/2005 0:00:00	Enforcement date:	9/14/2005 0:00:00
Enforcement action:	State Consent Decree/Judgement		
Violation measurement:	Not Reported		
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0532965	Contaminant:	CARBON, TOTAL-ORGANIC
Violation type:	27	Compliance start date:	4/1/2005 0:00:00
Compliance end date:	6/30/2005 0:00:00	Enforcement date:	9/14/2005 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0622183	Contaminant:	SWTR
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	6/1/2006 0:00:00	Compliance end date:	6/30/2006 0:00:00
Enforcement date:	1/26/2007 0:00:00	Enforcement action:	State Consent Decree/Judgement
Violation measurement:	Not Reported		
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0622183	Contaminant:	SWTR
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	6/1/2006 0:00:00	Compliance end date:	6/30/2006 0:00:00
Enforcement date:	1/26/2007 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		

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PWS name: PHILADELPHIA WATER DEPARTMENT
 Population served: 1600000 PWS type code: C
 Violation ID: 0622184 Contaminant: 0300
 Violation type: 38 Compliance start date: 6/1/2006 0:00:00
 Compliance end date: 6/30/2006 0:00:00 Enforcement date: 1/26/2007 0:00:00
 Enforcement action: State Consent Decree/Judgement
 Violation measurement: Not Reported

PWS name: PHILADELPHIA WATER DEPARTMENT
 Population served: 1600000 PWS type code: C
 Violation ID: 0622184 Contaminant: 0300
 Violation type: 38 Compliance start date: 6/1/2006 0:00:00
 Compliance end date: 6/30/2006 0:00:00 Enforcement date: 1/26/2007 0:00:00
 Enforcement action: State Compliance Achieved Violation measurement: Not Reported

PWS name: PHILADELPHIA WATER DEPARTMENT
 Population served: 1600000 PWS type code: C
 Violation ID: 0701574 Contaminant: SWTR
 Violation type: Monitoring, Routine/Repeat (SWTR-Filter)
 Compliance start date: 11/1/2006 0:00:00 Compliance end date: 11/30/2006 0:00:00
 Enforcement date: 1/26/2007 0:00:00 Enforcement action: State Consent Decree/Judgement
 Violation measurement: Not Reported

PWS name: PHILADELPHIA WATER DEPARTMENT
 Population served: 1600000 PWS type code: C
 Violation ID: 0701574 Contaminant: SWTR
 Violation type: Monitoring, Routine/Repeat (SWTR-Filter)
 Compliance start date: 11/1/2006 0:00:00 Compliance end date: 11/30/2006 0:00:00
 Enforcement date: 1/26/2007 0:00:00 Enforcement action: State Compliance Achieved
 Violation measurement: Not Reported

PWS name: PHILADELPHIA WATER DEPARTMENT
 Population served: 1600000 PWS type code: C
 Violation ID: 0701575 Contaminant: 0300
 Violation type: 38 Compliance start date: 11/1/2006 0:00:00
 Compliance end date: 11/30/2006 0:00:00 Enforcement date: 1/26/2007 0:00:00
 Enforcement action: State Consent Decree/Judgement
 Violation measurement: Not Reported

PWS name: PHILADELPHIA WATER DEPARTMENT
 Population served: 1600000 PWS type code: C
 Violation ID: 0701575 Contaminant: 0300
 Violation type: 38 Compliance start date: 11/1/2006 0:00:00
 Compliance end date: 11/30/2006 0:00:00 Enforcement date: 1/26/2007 0:00:00
 Enforcement action: State Compliance Achieved Violation measurement: Not Reported

PWS name: PHILADELPHIA WATER DEPARTMENT
 Population served: 1600000 PWS type code: C
 Violation ID: 0703663 Contaminant: NITRATE
 Violation type: 3 Compliance start date: 10/1/2006 0:00:00
 Compliance end date: 12/31/2006 0:00:00 Enforcement date: 2/8/2007 0:00:00
 Enforcement action: State Consent Decree/Judgement
 Violation measurement: Not Reported

PWS name: PHILADELPHIA WATER DEPARTMENT
 Population served: 1600000 PWS type code: C
 Violation ID: 0703663 Contaminant: NITRATE
 Violation type: 3 Compliance start date: 10/1/2006 0:00:00
 Compliance end date: 12/31/2006 0:00:00 Enforcement date: 2/8/2007 0:00:00
 Enforcement action: State Violation/Reminder Notice
 Violation measurement: Not Reported

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PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0703663	Contaminant:	NITRATE
Violation type:	3	Compliance start date:	10/1/2006 0:00:00
Compliance end date:	12/31/2006 0:00:00	Enforcement date:	2/8/2007 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0724551	Contaminant:	7000
Violation type:	71	Compliance start date:	7/1/2007 0:00:00
Compliance end date:	9/26/2007 0:00:00	Enforcement date:	9/26/2007 0:00:00
Enforcement action:	State Violation/Reminder Notice		
Violation measurement:	Not Reported		
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0724551	Contaminant:	7000
Violation type:	71	Compliance start date:	7/1/2007 0:00:00
Compliance end date:	9/26/2007 0:00:00	Enforcement date:	9/26/2007 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0724555	Contaminant:	SWTR
Violation type:	Treatment Technique (SWTR)		
Compliance start date:	7/1/2007 0:00:00	Compliance end date:	7/31/2007 0:00:00
Enforcement date:	9/26/2007 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0724555	Contaminant:	SWTR
Violation type:	Treatment Technique (SWTR)		
Compliance start date:	7/1/2007 0:00:00	Compliance end date:	7/31/2007 0:00:00
Enforcement date:	9/26/2007 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0810033	Contaminant:	SWTR
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	1/1/2008 0:00:00	Compliance end date:	1/31/2008 0:00:00
Enforcement date:	3/10/2008 0:00:00	Enforcement action:	State Consent Decree/Judgement
Violation measurement:	Not Reported		
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0810033	Contaminant:	SWTR
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	1/1/2008 0:00:00	Compliance end date:	1/31/2008 0:00:00
Enforcement date:	3/10/2008 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		
PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0810033	Contaminant:	SWTR
Violation type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Compliance start date:	1/1/2008 0:00:00	Compliance end date:	1/31/2008 0:00:00
Enforcement date:	3/10/2008 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0810034	Contaminant:	0300
Violation type:	38	Compliance start date:	1/1/2008 0:00:00
Compliance end date:	1/31/2008 0:00:00	Enforcement date:	3/10/2008 0:00:00
Enforcement action:	State Consent Decree/Judgement		
Violation measurement:	Not Reported		

PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0810034	Contaminant:	0300
Violation type:	38	Compliance start date:	1/1/2008 0:00:00
Compliance end date:	1/31/2008 0:00:00	Enforcement date:	3/10/2008 0:00:00
Enforcement action:	State Violation/Reminder Notice		
Violation measurement:	Not Reported		

PWS name:	PHILADELPHIA WATER DEPARTMENT		
Population served:	1600000	PWS type code:	C
Violation ID:	0810034	Contaminant:	0300
Violation type:	38	Compliance start date:	1/1/2008 0:00:00
Compliance end date:	1/31/2008 0:00:00	Enforcement date:	3/10/2008 0:00:00
Enforcement action:	State Compliance Achieved		
Violation measurement:	Not Reported		

**G29
East
1/2 - 1 Mile
Higher**

PA WELLS PASI60000406107

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:	04-MAY-12
Local Permit #:	Not Reported		

Owner ID:	7469596	Ownership Date:	Not Reported
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Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Other	Discharge:	1.
Static Water Level (ft):	11.	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):	30.	SiteStatus at Test:	Not Reported
Date Discharged:	Not Reported		

Site Use:	K	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

G30
East
1/2 - 1 Mile
Higher

PA WELLS PASI60000406108

Database:	Pennsylvania Groundwater Information System	Local Well #:	Not Reported
GWIS ID:	0	Topography:	Not Reported
Aquifer:	Not Reported	Elevation:	0
Well Depth:	18	Depth to Bedrock:	0
Site Type:	W	Date Drilled:	07-MAY-12
Saltwater Zone:	0		
Local Permit #:	Not Reported		

Owner ID:	7469597	Ownership Date:	Not Reported
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Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Other	Discharge:	1.
Static Water Level (ft):	11.	Agency Providing Data:	Not Reported
WL Measurement Method:	Not Reported	Production Water Level (ft):	0.
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	30.	SiteStatus at Test:	Not Reported
Date Discharged:	Not Reported		

Site Use:	K	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported

G31
East
1/2 - 1 Mile
Higher

PA WELLS PASI60000406153

Database:	Pennsylvania Groundwater Information System	Local Well #:	Not Reported
GWIS ID:	0	Topography:	Not Reported
Aquifer:	Not Reported	Elevation:	0
Well Depth:	20	Depth to Bedrock:	0
Site Type:	W	Date Drilled:	04-MAY-12
Saltwater Zone:	0		
Local Permit #:	Not Reported		

Owner ID:	7469595	Ownership Date:	Not Reported
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Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Other	Discharge:	1.
Static Water Level (ft):	11.	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):	30.	SiteStatus at Test:	Not Reported
Date Discharged:	Not Reported		

Site Use:	K	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

H32
North
1/2 - 1 Mile
Higher

PA WELLS PASI60000030287

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30289	Local Well #:	PH 582
Aquifer:	WISSAHICKON FORMATION	Topography:	Hilltop
Well Depth:	185	Elevation:	220
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JUL-43
Local Permit #:	Not Reported		
Owner ID:	30092	Ownership Date:	01-JUL-43
Construction Date:	01-JUL-43	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
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

H33
North
1/2 - 1 Mile
Higher

FED USGS USGS40001005548

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 582	Type:	Well
Description:	Not Reported	HUC:	02040203
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:	19430701
Well Depth:	185	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

34
ENE
1/2 - 1 Mile
Higher

PA WELLS PASI60000384900

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:	01-APR-11
Local Permit #:	Not Reported		
Owner ID:	7450443	Ownership Date:	Not Reported
Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

I35
NNE
1/2 - 1 Mile
Higher

PA WELLS PASI60000403194

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	202	Elevation:	0
Site Type:	W	Depth to Bedrock:	45
Saltwater Zone:	0	Date Drilled:	29-JUN-09
Local Permit #:	none		
Owner ID:	7458619	Ownership Date:	Not Reported
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	35.
Discharge:	15.	WL Measurement Method:	Not Reported
Agency Providing Data:	Not Reported	Drawdown (ft):	Not Reported
Production Water Level (ft):	55.	Test Length (min):	10.
Yield (gmp/ft):	Not Reported	Date Discharged:	Not Reported
SiteStatus at Test:	Not Reported		
Site Use:	GEOTHERMAL	Date of Use:	Not Reported
Water Use:	GEOTHERMAL	Notes:	Not Reported
Comments:	Rear Yard By Pool House		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I36
NNE
1/2 - 1 Mile
Higher

PA WELLS PASI60000403195

Database:	Pennsylvania Groundwater Information System	Local Well #:	Not Reported
GWIS ID:	0	Topography:	Not Reported
Aquifer:	Not Reported	Elevation:	0
Well Depth:	402	Depth to Bedrock:	70
Site Type:	W	Date Drilled:	30-JUN-09
Saltwater Zone:	0		
Local Permit #:	none		

Owner ID:	7451076	Ownership Date:	Not Reported
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Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	35.
Discharge:	2.	WL Measurement Method:	Not Reported
Agency Providing Data:	Not Reported	Drawdown (ft):	Not Reported
Production Water Level (ft):	402.	Test Length (min):	120.
Yield (gmp/ft):	Not Reported	Date Discharged:	Not Reported
SiteStatus at Test:	Not Reported		

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	IRRIGATION	Notes:	Not Reported

Comments: Rear Yard By Pool House

I37
NNE
1/2 - 1 Mile
Higher

PA WELLS PASI60000402583

Database:	Pennsylvania Groundwater Information System	Local Well #:	Not Reported
GWIS ID:	0	Topography:	Not Reported
Aquifer:	Not Reported	Elevation:	0
Well Depth:	242	Depth to Bedrock:	57
Site Type:	W	Date Drilled:	01-JUL-09
Saltwater Zone:	0		
Local Permit #:	none		

Owner ID:	7465092	Ownership Date:	Not Reported
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Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	35.
Discharge:	12.	WL Measurement Method:	Not Reported
Agency Providing Data:	Not Reported	Drawdown (ft):	Not Reported
Production Water Level (ft):	242.	Test Length (min):	120.
Yield (gmp/ft):	Not Reported	Date Discharged:	Not Reported
SiteStatus at Test:	Not Reported		

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water Use: IRRIGATION Notes: Not Reported
 Comments: Front Yard

**J38
 ENE
 1/2 - 1 Mile
 Higher**

PA WELLS PASI60000030263

Database: Pennsylvania Groundwater Information System
 GWIS ID: 30265 Local Well #: PH 576
 Aquifer: WISSAHICKON FORMATION Topography: Hillside
 Well Depth: 172 Elevation: 140
 Site Type: W Depth to Bedrock: 0
 Saltwater Zone: 0 Date Drilled: 01-JAN-06
 Local Permit #: Not Reported

Owner ID: 30067 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: Not Reported Data Source: Not Reported
 Discharge Measurement Method: Not Reported Discharge: Not Reported
 Static Water Level (ft): 21.8 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: 01-DEC-54

Discharge Type: Pumped Data Source: DRILLERS RECORD
 Discharge Measurement Method: Reported, Method not known
 Discharge: 73. 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-06

Lithology: SCHIST Contibuting 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

J39
ENE
1/2 - 1 Mile
Higher

FED USGS USGS40001005334

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 576	Type:	Well
Description:	Not Reported	HUC:	02040203
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:	172	Well Depth Units:	ft
Well Hole Depth:	187	Well Hole Depth Units:	ft

Ground water levels, Number of Measurements:	1	Level reading date:	1954-12-01
Feet below surface:	21.78	Feet to sea level:	Not Reported
Note:	Not Reported		

K40
ENE
1/2 - 1 Mile
Higher

PA WELLS PASI60000030245

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	30247	Local Well #:	PH 586
Aquifer:	WISSAHICKON FORMATION	Topography:	Hillside
Well Depth:	419	Elevation:	120
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-14
Local Permit #:	Not Reported		

Owner ID:	30048	Ownership Date:	10-JAN-55
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Construction Date:	01-JAN-14	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:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	14.	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:	10-JAN-55		

Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Reported, Method not known		
Discharge:	90.	Static Water Level (ft):	18.
Agency Providing Data:	Not Reported	WL Measurement Method:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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-14
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

**K41
ENE
1/2 - 1 Mile
Higher**

FED USGS USGS40001005230

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	PH 586	Type:	Well
Description:	Not Reported	HUC:	02040203
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:	19140101
Well Depth:	419	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:	1979-01-16
Feet below surface:	17.48	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1955-01-10	Feet below surface:	14.05
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1914	Feet below surface:	18
Feet to sea level:	Not Reported	Note:	Not Reported

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
19129	748	0.1	64.6	3.2

EPA Region 3 Statistical Summary Readings for Zip Code: 19129

Number of sites tested: 194.

Maximum Radon Level: 23.9 pCi/L.

Minimum Radon Level: 0.2 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
166 (85.57%)	22 (11.34%)	4 (2.06%)	2 (1.03%)	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 7

RESUMES



RT Environmental Services, Inc.

Your Solution-Oriented Environmental Services Firm

PROFESSIONAL PROFILE

**WALTER H. HUNGARTER, III, P. E.
VICE PRESIDENT**

REGISTRATIONS / CERTIFICATIONS

Professional Engineer in Delaware
Certified Microbial Consultant, 2003 (2006)

FIELDS OF COMPETENCE

Chemical and Environmental Engineering; Brownfields and PA DEP Land Recycling; indoor air quality and microbial investigations, hazardous waste permitting; Phase I and Phase II ESAs; SPCC, PPC, and contingency planning; PA Clean Fill and construction industry environmental issues, wastewater treatment. Also familiar with NJDEP Technical Requirements for Site Remediation, landfill closure design, underground and aboveground storage tank regulations, environmental and engineering economics.

EXPERIENCE SUMMARY

Mr. Hungarter has over eighteen (18) years of consulting experience in the environmental services industry to include managing, coordinating, and providing technical assistance in a variety of engineering and construction projects. Mr. Hungarter is currently the Vice President of RT Environmental Services, Inc., King of Prussia office and is responsible for management of the Engineering, Remediation, and Hydrogeology groups. He is currently involved with various design and environmental assessment projects, contingency planning, pollution prevention, soil and groundwater remediation, indoor air quality investigations, brownfields redevelopment and waste permitting. He has conducted environmental assessments and baseline IAQs of residential, commercial, and industrial facilities in Pennsylvania, New Jersey, Delaware, and Virginia. Responsible for field investigations, regulatory research and review, report preparation, review of contractor submittals and payment requisitions. Also responsible for Phase I, Phase II and indoor air quality report reviews.

Coordinated waste disposal activities for several sites including the waste facility due-diligence review. Prepared mold, lead-based paint and asbestos containing materials abatement specifications and decommissioning plans for several projects in Pennsylvania, Delaware and Virginia. Performed PA DEP and US EPA file reviews for various projects, and research at the US EPA Library for several projects.

EDUCATION / SPECIALIZED TRAINING

M.S., Chemical Engineering (w/ focus in Environmental Engineering) - Widener University (1999)
B.S., Chemical Engineering, minor in Chemistry - Widener University (1997)
40-Hour Hazardous Waste Site Training Course, OSHA 29 CFR 1910.120(e)(3), Envirogenics (1999)
8-Hour Hazardous Waste Refresher Course, OSHA 29 CFR 1910.120(e)(8), ASTM ECS (2014)
CIAQM, CMC/CMI Training, 2003 (2006)
Confined Space Training, 2003 (2006)
Lead and Asbestos Awareness Training, 2002
Environmental Site Assessments for Commercial Real Estate, 2000.
ASTM Phase II Environmental Site Assessment Process, 2000.
ASTM Property Condition Assessment, 2000.

KEY PROJECT EXPERIENCE

- Reporting and data analysis for a Pennsylvania Superfund site in King of Prussia. Responsibilities include operation and maintenance services, groundwater and vapor extraction system monitoring, landfill gas monitoring tracking and scheduling of sampling events, and coordination of laboratory drop-offs and pickups. Completion of an NPDES renewal application for facility discharge. Preparation of work scope modifications, monthly, quarterly, and annual reports to EPA and PRP Group members. Responsible for completion of several shutdown/rebound tests and data evaluation and reporting. Working with EPA to close out pump and treat operations following remedy modification work.
- Conducted and managed indoor air quality investigations, mold inspections and air sampling for a number of clients at various locations in both Pennsylvania and Delaware. Project Manager for multi-building apartment complex investigation in Delaware. Investigation involved air sampling in over 230 apartment/basement units. Involved with indoor air investigations for both commercial and residential facilities.
- Project Manager for several PA DEP Act 2 Land Recycling Sites in Hilltown and Chester Townships, Ambler Borough. Sites included remediation of impacted soil to a residential statewide health standard (at two Hilltown Township Sites) and removal of hazardous waste to meet the residential and site specific statewide health standards (Chester). Preparation of remedial investigation report and cleanup plan for Ambler site. Also completed work on an Act 2 sites in Phoenixville and Philadelphia, PA. Involved with Act 2 projects in the Northeast and South Central Regions involving movement of historic fill and the use of site specific standards for each site.

- Involvement with the comment process for the Construction Industrial related to the PA DEP Fill Policy (April, 2004). Prepared comments on the Policy and General Permit issues as well as numeric limits for fill materials. Instrumental in the development of a Best Management Practices Guide for Highway and Earthwork Construction Under the PA DEP Fill Policy and General Permit Program in June 2004.
- Hazardous Waste Permit Applications. Prepared hazardous waste permit applications for three mercury recycling facilities located in Pennsylvania. Developed a process code system to be used throughout the company to track the status of materials in the recovery process. Prepared drawings, text, and figures for permit application sections required by DEP. Responded to DEP comments and issues and coordinated revisions with the client. Currently one permit has been approved by the PA DEP and the second site was submitted to PA DEP and is currently under review.
- Involved with work at a Brownfields redevelopment site in New Jersey. Site consists of three closed landfills totally approximately 120 acres to be converted to a transit village style community. Hazardous wastes were reported to have been received at one of the landfills. Completed NJ DEP file reviews for the facilities and historic aerial review and interpretation. Involved with the preparation of concept redevelopment plans and presentations for NJ DEP as well as other government agencies involved with the project. Also involved with the investigation work scheduled to be completed in late 2007 to further assess redevelopment of the facilities. The redevelopment project is being coordinated with the NJ DOT roadway projects in the area. Also responsible for management of soil approval process for the capping activities of the landfills which involves reviewing and approving incoming material streams.
- Remediation work, former Ohio China Production facility. Project Manager for investigation and remediation activities. Performed alternative and cost analysis of three remediation options. Coordinated on-site investigations including groundwater, stream, additional areas of concern identified during site inspection, and geotechnical investigation for cap stability. Involved with the landfill closure design.
- SPCC, PPC, and contingency plans. Prepared Spill Prevention Control and Countermeasures (SPCC), and Preparedness, Prevention, and Contingency (PPC) Plans for numerous asphalt plants and other industrial sites throughout the region. Performed site inspections for facilities, risk assessments, and secondary containment evaluations. Prepared contingency plans and drawings for the sites.
- Phase I Environmental Site Assessment (ESA) Portfolio. Project Manager for a Phase I ESA portfolio project for a New Jersey industrial/commercial business complex consisting of twelve facilities and 105 tenants. Reviewed prior Phase

I, II, and other environmental reports. Performed site inspections, historical / regulatory reviews, assessment of environmental conditions, and prepared portfolio report. Other similar Phase I ESA portfolios have been completed for several clients at locations in Toronto, Ontario; Santa Rosa, California; York, Pennsylvania; Buffalo, New York; Danbury, Connecticut; Charlotte, North Carolina; and Washington D.C. Completed various Phase I ESAs in Pennsylvania, New Jersey, Maryland and Virginia.

- Post closure monitoring; Philadelphia landfill. Conducted site inspection with client after reported dumping incidents. Coordinated cleanup and waste removal activities. Performed groundwater sampling as part of the operations and maintenance of the facility. Involved with completion of the Closure Application to PA DEP, and construction oversight of landfill capping activities. Preparation of certification report.
- Preparation of individual General Beneficial Use Applications for a number of clients involved with mulch, concrete, asphalt, and composting processing operations in Southeast Region PA DEP. Coordinated sampling of individual materials per PA DEP requirements. Preparation of state-wide General Beneficial Use Applications for recycled asphalt pavement (RAP) materials and baghouse fines for a wide range of construction industry clients throughout all PA DEP Regions.
- Coordination of post closure monitoring and reporting to PA DEP for a King of Prussia Landfill project. Involved with monitoring well maintenance activities and preliminary re-development plans for the site, including potential PA DEP Act 2 Land Recycling.
- Preparation of NPDES permits and renewal applications for several facilities in Chester and Montgomery Counties in Pennsylvania. Additionally, prepared Erosion and Sediment Control plans and drawings related to the proposed activities at the sites. Coordination with PA DEP and Conservation Districts involving the locations of stormwater best management practices to be implemented given complex geological site conditions.
- Preparation of a NJ DEP Class B permit modification for a facility in Southern New Jersey. The permit modification included updating the prior permit conditions based on modern day regulations and development of the protocol for the facility to accept new waste streams (involving concrete, and shipment of material directly to end users).
- Involved with a re-development project for the City of Chester Redevelopment Authority. This project involved capping and redevelopment of a former NPL site for a residential (park) use. Onsite work included sampling of materials, oversight of the removal of hazardous waste from the facility and verifying final cap construction. The site was taken through the PA DEP Act 2 Land Recycling Program and obtained a release of liability from the State.

- **Philadelphia Act 2 Land Recycling project at a former lead smelting facility. The facility is currently a waste transfer station. The project involved design and capping of historic fill material on a five acre portion of the site, preparation of the RIR/Cleanup Plan. The cap was comprised of asphalt parking lot area and one foot of clean fill/soil over other portions of the facility. Obtained stormwater approval for the redevelopment aspect of the project from PA DEP with coordination from the City of Philadelphia Water Department. Completed oversight of the cap construction.**
- **Project manager for Major and Minor permit modifications and permit renewal for a waste transfer facility in Berks County, Pennsylvania. Responsible for preparation and completion of application forms, coordination of PA DEP responses, and facility drawing modifications. Permit modification have been made to the facility to increase daily volume, update radiation monitoring plans, expand waste types accepted at the facility to include C&D, municipal and residual waste.**
- **Evaluation of the scope and cost of an EPA removal action for a former New Jersey chemical production facility. The evaluation included review of investigation and remediation activities and associated costs which were completed over a several year period to determine if the cost of the removal action were justified. Involved with the review of site information to determine the remedial cost for the project under the state voluntary clean up program.**

PROFESSIONAL AFFILIATIONS

Air & Waste Management Association



RT Environmental Services, Inc.

Your Solution-Oriented Environmental Services Firm

PROFESSIONAL PROFILE

**CHRISTIAN L. ALARIE, LRS
PROJECT MANAGER**

REGISTRATIONS / CERTIFICATIONS

Licensed Remediation Specialist in West Virginia

FIELDS OF COMPETENCE

Conventional and In-Situ soil and groundwater remediation; hydrogeologic subsurface investigations; site redevelopment; and, characterizing impacted sites by using a multi-disciplinary approach. Also, familiar with regulatory programs and requirements for remediating impacted properties in multiple Mid-Atlantic and New England states.

EXPERIENCE SUMMARY

Mr. Alarie has more than sixteen (16) years of consulting experience in the environmental industry to include managing and providing technical assistance on a variety of investigation, remediation, and redevelopment projects. He is currently a Project Manager with the RT Environmental Services, Inc., King of Prussia office. His responsibilities have included conducting environmental services at construction sites, utility operations facilities, industrial, commercial, and residential properties in PA, NJ, WV, CT, MA, RI, NH, NY, OR and the country of Mexico. His expertise extend to coordination and implementation of field investigations; remedial planning, design, and execution; report preparation; project management and performance.

He has managed Pennsylvania Department of Environmental Protection (PADEP) in-situ soil and groundwater remediation projects for the states IRRSC's program, as well as, global and regional clients in the West Virginia Voluntary Remediation and Redevelopment Program (WV VRRP) as the LRS of Record; and has supervised state regulated sites in CT and emergency response projects (fuel oil spill response) in MA.

EDUCATION / SPECIALIZED TRAINING

B.A., Environmental Geography – Rhode Island College (2000)
Undergraduate Certification, Environmental Management Science – Rochester Institute of Technology (2000)

40-Hour OSHA Hazardous Waste Site Training Course, (2000)
8-Hour OSHA Hazardous Waste Refresher Course, (2016)

10-Hour OSHA Construction Outreach, (2004)
Slug Test Field Course and Seminar, EPOC Univ. of Connecticut, (2008)
Combining Engineering Source-Area Treatment with MNA, (2009) EPOC
Evaluating Natural Source Zone Depletion at Sites with LNAPL, (2009), ITRC
LNAPL Behavior in the Subsurface-I-II, (2013), ITRC
Evaluating LNAPL Remedial Technologies for Achieving Project Goals, (2014), ITRC
Green & Sustainable Remediation, (2014), ITRC
Use and Measurement of Mass Flux and Mass Discharge, (2015) ITRC
Environmental Molecular Diagnostics: New Tools for Better Decisions, (2015), ITRC
Selection of Bioremediation Approaches at Chlorinated Solvent Sites, (2015), SERDP
Long-term Contaminant Management Using Institutional Controls, (2017), CLU-IN
Petroleum Vapor Intrusion: Fundamentals of Screening, Investigation, and Management, (2017), ITRC

KEY PROJECT EXPERIENCE

- **2013-2016: *Punxsutawney Groundwater Contamination Site, Punxsutawney, PA:*** [PA IRRSC's Project] Project Manager for this state (PADEP) project. Designed and implemented a remedial action plan (RAP) to address a plume of TCE in a shale bedrock aquifer located in a mixed residential/industrial area. Biostimulation by using Emulsified Vegetable Oil (EVO), Sodium Lactate, vitamin B-12 and yeast extract was applied at 5 locations in the shallow and deep formation. Enhanced Reductive Dechlorination (ERD) became noticeable by approximately 1 month, with the greatest remedial changes occurring 9-12 months post-injection. Conducted direct injection fieldwork, project and team management, reporting to the PADEP, surface water sampling of a nearby stream and seeps, groundwater monitoring and soil gas sampling via passive means at locations throughout the surrounding neighborhood and the site. Over the course of two years, it was determined that the source area concentrations had substantially declined, and a condition of threat no longer existed to surface water bodies and human receptors.
- **2014-2016: *Active General Store, Kushlan PA Site:*** [PA IRRSC's Project] Remedial Technical advisor for this state project. Reviewed data and made suggestions on SVE portion of project. Designed aerobic bioremediation portion of system to reduce elevated benzene concentrations. Conducted data analysis on SVE/iSOC system to ensure that it was running at optimal performance. Benzene concentrations began to be reduced in concentration from groundwater (as designed) and the SVE system effectively removed VOCs from the vadose zone as planned.
- **2014-2016: *Former Manufacturing Plant, Hellertown, PA:*** [PA IRRSC's Project] Project Manager for state project involving the shutdown of a dual-phase extraction groundwater system with air stripper. Due to low-levels of VOCs in groundwater a modeled approach to natural attenuation (MNA) of the solvent plume was recommended. I wrote plans for this monitoring, managed the sampling events, evaluated the data and made final recommendations to the PADEP in regards to the concentrations of VOCs over a period of 2 years.
- **2013-2016: *Berkley Products Company Plant Site, Akron, PA:*** [PA IRRSC's Project] Project Manager and Remedial Technical Lead for this state project. Conducted Phase II and III investigation and soil remediation services and designed an In-Situ Chemical Oxidation (ISCO) injection approach in accordance with the statement of decision (SOD) for the site by

Christian L. Alarie, LRS
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using high pH activated sodium persulfate. Performed laboratory and field Pilot Studies and injected into sandstone/siltstone formation at three locations, achieving greater than 90% reduction in VOCs with little rebound as observed by the 9 month sample results. Completed reporting to the PADEP and was responsible for management of all aspects of the project.

- **2013-2015: Private Manufacturing Company, York, PA:** Technical Remediation Lead in designing an LNAPL recovery system to address the release of kerosene to a Karst Limestone formation. Conducted a low-groundwater vacuum groundwater extraction Pilot Study to evaluate the possibility of increased recovery rates through pumping and also by application of vacuum extraction. Collected and analyzed data, evaluated approximate time for recovery of 90% of the LNAPL released, designed a full-scale system with costs and made recommendations to the client on its implementation.
- **2016: PSE&G, Northern NJ,** Contracted to oversee the installation, management, discharge, and demobilization of groundwater/wastewater treatment systems during the construction/expansion of utility sub-stations. This included procurement of equipment, conducting client meetings, working with local and state authorities and meeting NJPDES and county permit requirements for the discharge of wastewater.
- **2012-2013: WV DOH, Sistersville, WV,** Former LRS of Record for this vacant transportation facility. Conducted a Phase II subsurface investigation at the property. Identified two overburden aquifers, divided by a confining unit of dense fill material. A dual investigation was conducted and it was found that the deeper groundwater was not impacted above the numeric comparison criteria. Other issues were identified in soil and shallow groundwater. Presented the data to the head of the WVDEP and suggested a remedy to include putting the site through the VRRP program, evaluating downgradient receptors, collecting additional samples for risk assessment purposes and evaluating the Site by using Site-Specific Risk-Based standards. The approach was well received and gained approval from the DEP to the client's satisfaction.
- **2012-2013: Former Chemical Company - East Plant, South Charleston, WV,** Supervised the remedial actions associated with anaerobic bioremediation of carbon tetrachloride through hot spot remediation and installation of a bio-barrier along the Kanawha River. Both bioaugmentation and biostimulation methods were used and a recirculation system was installed to induce groundwater flow rates and recovery between the barrier and hot spots; due to the low porosity clay soil. Several slug tests were performed and groundwater sampling was conducted on a quarterly and performance monitoring basis to evaluate the plume and effectiveness of the remediation. Slower reductions in contaminants of concern were observed, and enhanced reductive dechlorination (ERD) began to show effect at approximately one year. Additional project work included sampling, data analysis, reporting and project coordination.
- **2012-2013: ACM Chemicals, Marmet, WV,** Former LRS of Record in processing the site through the WV VRRP. Conducted Phase II subsurface investigation of this chemical transfer and holding facility (with a coal storage component). Identified diesel petroleum in groundwater and impacts to soil across the site. Completed two rounds of subsurface investigations, including drilling in the tank farm to assess an LNAPL concern. Worked to evaluate property boundary issues, ownership rights to a railroad loading area and the processes of chemical transfer occurring at the Site. Worked with both parties on negotiations in the sale process. Completed initial application after property sale for the Site to seek indemnity under the VRRP in following a Site-Specific Risk-Based approach to remediation.

- **2007–2012: Former Sunoco Station, Westport, CT.** Conducted reviews of documents pertaining to remediation work being performed at the site by another consultant, determined their chemical injection program and reporting had deficiencies and made recommendations for modifications to the remediation over a period of one year. Because the inefficiencies were not rectified, the project was awarded to HRP Associates and I began supervising the work in-house. I designed and carried out two subsurface investigations (Phase III) to delineate the soil and groundwater contamination, identify essential former site features (i.e. Pump Island and USTs) and determined the most appropriate remedial options to address the remaining contamination. The Phase III program identified additional VOCs not previously detected and indicated that LNAPL was trapped in the vadose zone. Conducted remedial feasibility evaluations for In-Situ Chemical Oxidation (ISCO) using Fenton's Reagent and activated Sodium Persulfate. These did not prove to be successful in laboratory bench scale testing. To address the contamination, I assisted with the design of an SVE/iSOC system to remediate the soil and groundwater simultaneously. This included designing the system, procuring the equipment, reviewing contractor bids, managing the installation of the system, working on a general permit for the application of oxygen to the subsurface and keeping the client informed on the progress of the project. Additional work included reporting, project coordination, oversight of soil removal at select locations and waste management.
- **2007–2011: Former Fafnir Bearing/City of New Britain, CT:** In 2007, began supervising the semi-annual groundwater monitoring program, conducting LNAPL gauging as needed and remediation of the dissolved phase solvent plume by high-vacuum groundwater extraction. Shortly after I began working on the project the site which was then vacant; was slated for redevelopment by the City. Prior to the ground breaking I completed a soil management plan (SMP) to address the contaminated soils that were left in place after demolition of the former buildings. I presented the SMP and cross-sections of the Site showing impacted soils to the project team and stakeholders. after approval of the plan was granted by the CTDEP I was responsible for overseeing various other duties the majority of which included: working with the contractors, the property owner, future tenant and CTDEP on scheduling and oversight of multiple environmental issues, proposal writing and budgeting, completion of scope modifications to address changes to the project, abandoning the existing monitoring wells to accommodate the future work, managing the disturbances of impacted soils, having hydraulic oil impacted soils removed from the site, managing the relocation of impacted soils on-site and import of clean fill. I was also responsible for data analysis, sampling and reporting, and drilling oversight. Project duties also included designing a new monitoring well network with nested wells and revising the groundwater sampling plan in accordance with CTDEP policy, installation of overburden and bedrock monitoring wells using air-rotary drilling methods, data analysis and completion of several documents and correspondences to the CTDEP and completion of an Environmental Land Use Restriction (ELUR) limiting site usage to industrial/commercial operations. All impacted soils have been isolated and/or rendered inaccessible, groundwater monitoring has resumed and the site has been redeveloped with a commercial building
- **2006–2012: Former Fafnir Bearing Plant, Newington, CT:** Managed a Varsol recovery system at a site with an LNAPL plume extending more than 600 feet from the source area and day lighting in both the overburden and bedrock (sandstone and siltstone) aquifers. The site consisted of more than 50 monitoring wells and 4 bedrock recovery wells; each containing groundwater depression pumps and transducers to maintain a set point (controlled by an EOS pro-control system), for LNAPL removal by diaphragm pumps (with skimmer attachments); essentially a gravity flow system. I managed a team of junior and senior level geologists to

work on system operational performance. This included directing meetings to effectively communicate the needs of the project. My responsibilities also included upgrading the system, ordering, and installing necessary equipment to maintain its proper operation, monitoring the depression pumps, controllers, and other equipment to prevent system failure and to keep the system running 100% (or close to) of the time. As the manager, I performed fieldwork and system O&M when the primary field geologist was not available to do so. I provided oversight of system discharge sampling, ensured that the system was compliant with the DMR permit and completed all reporting to the CTDEP. I also coordinate the sampling of the site well array, biweekly system O&M, waste management, LNAPL recovery efforts and data analysis to protect downgradient receptors (i.e. water body, residences, and businesses). Also, determined the need for additional investigations, or system modifications in response to changes in contaminant migration. Over the six (6) years of management, the system recovered more than 6,000-gallons of LNAPL, or >60% of the total LNAPL recovery since system start up in 1987 (the prior 19 years). Improvements in efficiency were due to improved monitoring and equipment upgrades for better LNAPL recovery.

- **2006–2012: Blackstone Industries, Bethel, CT:** Managed environmental issues at this tool manufacturing facility over the course of six years; conducted soil remediation of a petroleum and waste oil release detected at the site and on an abutting property; lead and chromium in soils at the site; and leachable barium (from waste oil) at two site locations. These accounted for approximately 300 tons of impacted soils removed from the site. All impacted soils were removed by excavation and confirmatory samples demonstrated successful soil remediation. Management duties include training and supervising geologists in conducting various remedial actions, designing, and supervising the sampling of a post-remediation groundwater monitoring program, planning a Phase II soil investigation, and working with the off-site abutter to conduct work on their property. Also, responded to a significant environmental hazard condition (SEH) related to a soil to groundwater issue, abated the concern and worked with the client and CTDEP to develop an appropriate sampling program to show that an SEH condition did not actually exist. I also wrote remediation and groundwater reports, and was responsible for scheduling, waste characterization and removal, invoicing, and proposal writing, client communications, meetings, and client advocacy with the CTDEP.
- **2010: Putnam Precision Molding, Putnam, CT:** Designed a soil and groundwater investigation of a historic PCE release area to determine if the previous remediation was successful at removing the source materials; if groundwater in the existing wells was still impacted by PCE; and if so, the extent of the contamination; if petroleum is present in groundwater; and, if the existing multiphase groundwater remediation system was still operating effectively. Procured a drilling sub-contractor, conducting the fieldwork, scheduling, billing, reporting, client communication, advocacy, and counseling on the CT “Transfer Act” requirements. The results of the investigation identified PCE in soil below the previous remediation zone and in groundwater in the source area and five additional downgradient wells. Petroleum hydrocarbons were detected in three wells and the data indicated that the current multiphase groundwater system was not effectively remediating the contamination since during its operation PCE concentrations in downgradient wells were even higher than they were during the last sample event that occurred several years earlier.
- **2010: Mercury Fuel, Haddam, CT:** Redesigned an SVE system for a Mobile Gasoline Station to remove VOC vadose zone contamination near the gasoline USTs. Designed the system, improved the monitoring program, installed the system, adjusted system performance to fit the existing constraints of preexisting restrictions, procured the equipment and managed the schedule for system installation.

- **2007–2008: *Kinsella School, Hartford, CT***: Designed a sub-slab depressurization (SSD) system for the school, approved the materials used for the system (i.e. aggregate, vapor barrier, piping, etc...) trained the contractors in installation of the system (i.e. suction pits and vapor barrier placement), inspected the suction pits and vapor barrier prior to floor installation, worked on the system with the contractor to ensure that the barrier was installed appropriately to prevent air-flow losses and short-circuiting during future system operation, and documented system completion in a letter to the contractor.
- **2006-2007: *Former Aspinet Construction, Avon, CT***: Worked for a redevelopment company to conduct an ASTM Phase I ESA and subsequent Phase II subsurface investigation to address identified contamination on the approximate 1 acre parcel of land slated for sale and redevelopment. Identified illegal dumping of chemicals by the property owner, VOCs dissolved in water in a sanitary septic tank, significant petroleum contamination in shallow soils (<2' below grade) in the septic leachfield, lead impacted soils at grade beneath empty overturned 55-gallon drums in a pile of trees, a significant petroleum release in a pile of debris leaking from a rusty dilapidated 55-gallon drum at the center of the mound, additional empty, overturned 55-gallon drums at other locations of the site, gasoline, PAHs and toluene contamination on an earthen warehouse floor, improper storage of containers inside the building, and a compressor oil spill on a paved area of the site. Samples were collected at all the AOCs and compared to CTDEP RSR criteria. Based on the comparison, almost these recognized areas of concern were impacted above RSR criteria; however groundwater was found to be unimpacted. I was responsible for scheduling, data analysis, and recommendations for soil remediation to comply with the RSR Criteria, client communication and advocacy, proposals, and reporting.
- **2006–2007: *Former Dean Machine, Manchester, CT*** Managed a Triad Phase II/III subsurface investigation at this vacant former aviation engine turning and parts manufacturing facility, which consists of two buildings on an approximate four-acre parcel of land. I was responsible for sub-contractor procurement and oversight of a geophysical survey to locate existing and former tanks, a private utility mark out for drilling throughout the property including inside the buildings and drilling services to investigate the subsurface. Fieldwork included completion of more than 80 soil borings installed inside and outside of the buildings to various depths based on field findings to delineate the petroleum and solvent soil contamination, well array design and supervision of the installation of a monitoring well network consisting of 16 wells used to supplement the existing well array for delineation of the petroleum and solvent plumes in the overburden aquifer, surveying, groundwater sampling by low-flow methodology and mapping to determine the direction of contaminant migration. Field decisions made to investigate potential areas of contamination resulted in identifying a petroleum release not extending to groundwater of about 16,000 ft² beneath a former machine shop/storage room. Additional work included managing soil and groundwater wastes generated during the investigation, conducting client communication and meetings, identifying contamination in three dimensions for modeling purposes, completing geologic cross-sections of the contaminated areas showing sources and contaminant migration pathways, training project geologists in drilling, soil and groundwater sampling, performing data analysis, presentation and reporting, and presenting remedial options to potential site redevelopers through a series of three different meetings.
- **2006: *Stanhelm Manufacturing, Bristol, CT***: Managed an ASTM Phase I/II project at a metals stamping plant; the property of which was formerly part of the town sewer authority and used as a sludge drying bed in the 1960's. Conducted client communication and meetings, data

analysis and presentation, reporting and proposals, procurement of sub-contractor for drilling services, development of monitoring well network and sampling program based on the findings of the Phase I and personnel training. I also conducted fieldwork which included drilling oversight, soil identification, sampling, and logging, well installation and development, groundwater sampling, surveying, and mapping. The results of the sampling program identified contamination exceed CT RSR's for extractable total petroleum hydrocarbons (ETPH) and PAHs in soil, and PCBs and several metals in groundwater.

- **2003–2005: *Chariho Middle School, Chariho, RI:*** Managed a high-vacuum dual phase groundwater extraction system designed to control a contaminant plume created by the release of No. 2 fuel oil from a 1,000-gallon UST. The system included recovery, treatment and discharge of impacted ground water, control of the plume to the capture zone, and collection of LNAPL from four (4) recovery wells. Management of the project included quarterly ground water monitoring of a significant well array surrounding the school, operation and maintenance (O&M) of the system to include routine sampling and equipment checks, recovery well and pump upkeep, system modifications, waste management and remediation reporting to the Rhode Island Department of Environmental Protection (RIDEM) in the form of quarterly ground water reports, discharge monitoring reports, and O&M reports. It was also necessary to stay on top of project scheduling and coordination, management of field activities and equipment maintenance.
- **2003–2005: *Bristol Landfill, Bristol, RI:*** Managed RCRA ground water compliance monitoring program at the landfill for the Town of Bristol. Conducted quarterly ground water sampling of a well array that consisted of more than 20 monitoring wells for various contaminants including VOCs, petroleum, metals, methane, etc.... Monitored soil gas concentrations at several points surrounding the landfill and nearby residences for LEL, O₂, methane and other harmful gases and at points in the compost building. Management duties also included scheduling, oversight of field personell and quarterly reporting to the RIDEM. Based on evalutaion of the data a solvent plume was identified beneath a portion of the landfill and nearby wetland. A Hydrogen Releasing Compound (HRC) system was installed to remediate the plume in both the overburden and bedrock aquifers.
- **2003–2005: *Confidential Client- Residential Property, Rehoboth, MA:*** [Emergency Response] Managed ground water remediation at a residential property in which a release of No. 2 fuel oil occurred from an AST. Investigated soil gas and indoor air, installed six ground water monitoring wells into shallow overburden groundwater table, conducted remediation by using aerobic bioremediaton (nutrient application to stimulate the microorganisms with a carbon source), conducted quarterly sampling and reporting in compliance with the MA MCP (i.e. MCP Phase I for the site, RAM Plan, status reports). Worked for both the insurance company and home owner to resolve groundwater contamination and indoor air issues (unrelated to the fueol oil release). Sampled the sump discharge point to a wetland and groundwater beneath the building to ensure these areas were were not impacted. Worked with the property owner to properly containerize and store aromatic and hazardous chemicals stored in the basement.
- **2003-2005: *Pond View Recycling Facility, East Providence, RI:*** Conducted RCRA ground water compliance monitoring and reporting, developed plan revisions with the RIDEM and new sampling program due to an upgradient EPA identified release. Maintained facility compliance permitting, sampled nearby water bodies (bay and river) for known site contaminants to ensure no adverse impacts from site operations (i.e.discharge or runoff) were present, monitored the sites underground injection controls system for signs of failure and excess contamination of metals, petroleum compounds, PAHs and VOCs; conducted project

management, coordination and reporting.

- **2004-2005: Former Davisville Navy Dump, North Kingstown, RI:** Managed ASTM Phase I/II for property conditions/real estate transaction. Conducted local and municipal file reviews, site inspections, hydrogeologic subsurface investigation to determine soil and groundwater quality and groundwater flow. Geoprobe drilling was used for soil sampling and small-diameter monitoring well installation. I conducted environmental sampling, surveying and provided project oversight, coordination, data analysis and reporting. Findings of the investigation included a previously unidentified plume of MTBE in shallow overburden groundwater exceeding applicable Rhode Island DEM remediation standards. A phase I/II report was completed and issued to the client with findings.
- **2004: Providence Redevelopment Agency, Providence, RI:** Managed an ASTM Phase I project of a vacant lot in RI proposed for redevelopment. During the completion of my work I conducted file reviews, historic research, and site reconnaissance to determine that a Phase II subsurface investigation was needed based on site history. A former gas station, general store and residences with USTs were formerly located at the site. Additionally, it was determined that the former buildings were demolished to grade and covered with fill. Test pitting revealed fill and building debris starting at just below grade and 2 former USTs (1,000-gallon and 10,000-gallon) associated with the gas station. The USTs were reported to the state and registered for removal. The tanks were inspected, cleaned, and removed, soil samples were collected from across the site and the property was backfilled and compacted to existing grade. Soil data indicated lead, arsenic, PAHs, petroleum, and other contaminants exceeding RIDEM remediation regulations and asbestos in sub-grade sampled building material. I completed an evaluation of the feasibility of redeveloping the site, an ASTM Phase I/II report, UST closure report and counseled the client on brownfields grants and the need to close off the site from the public (by fencing) due to significant at-grade contamination (direct exposure concerns).
- **2004: Abandoned Manufacturing Facility, Central Falls, RI:** Conducted an ASTM Phase II subsurface investigation and supplemental subsurface investigation of a property slated for redevelopment into low-income housing. Provided oversight of the drilling of overburden test borings and installation of monitoring wells. Also, identified complex lithology, located significant surface release of No. 6 fuel oil contamination emanating from a boiler room, No. 4 fuel oil on the groundwater, VOCs in ground water as well as metals and PAHs in site soils. Recommended conducting a pilot test for the removal of No 4 Fuel Oil (LNAPL), completion of additional investigation and remediation of the No. 6 fuel oil release as initial measures to mitigating the health risks to people and the environment, as well as delineation of the soil and groundwater contamination prior to client purchase of the property.
- **2002-2003: White Residence, Plainville, MA:** [Emergency Response] Constructed Immediate Response Action (IRA) plans (subsurface investigation and soil and groundwater remediation) and conducted these activities in accordance with the MA Massachusetts Contingency Plan (MCP) in response to a 1,000-gallon No. 2 fuel oil release. Conducted porch and basement floor removal to get at the impacted media, oversight of more than 100 tons of petroleum-impacted soils by using a high-vacuum extraction truck, direction of all site activities, fieldwork, waste characterization and removal, building restoration and design and installation of an in-situ chemical oxidation (ISCO) injection system to remediate residual contamination along the foundation walls by using Fenton's Reagent. Fieldwork included directing the remediation, soil sampling, design of the monitoring well network and well sampling via low-

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flow methodology, well surveying, and groundwater mapping. Conducted scheduling, project coordination, oversight of sub-contractors and field team and provided client communication and advocacy throughout the duration of the project.

- **2002: Lanham Residence, Braintree, MA:** [Emergency Response] Conducted soil remediation on the adjacent property beneath an in-ground swimming pool. When the pool was opened for the season an oily sheen was observed emergency response services kicked in. I conducted an investigation of soils beyond the pool and identified fuel oil impacts between the pool wall and shallow bedrock by using hand held coring and augering equipment. Managed the removal of approximately 15 tons of petroleum impacted soils from the western sidewall and base of the pool and was responsible for scheduling, project coordination, fieldwork, reporting and client communication. I completed a Release Abatement Measure (RAM) Plan, RAM Closure Report/Class A-2 Response Action Outcome (Method 1 Risk Assessment) to close the site after remediation was complete.
- **2002: Commercial Automotive Sales Client, Franklin, MA:** Conducted slug testing to determine hydraulic conductivity in bedrock and overburden monitoring wells, installed bedrock well with Hollow-Stem Augur rig using air-rotary methodology, performed well development and sampling of existing well array to determine the direction of ground water flow, identified lithology of the area and completed MCP Phase II report based on the findings of the investigation. VOCs were identified in ground water above applicable numeric criteria. Evaluated slug test data, prepared well logs and ground water flow maps by hand and made recommendations for remediation by MNA due to a declining trend in VOC levels over the last several years and the downgradient concentrations of contaminants observed in the overburden and bedrock aquifers.
- **2002: Residential Property, Millville, MA:** [Emergency Response] Managed soil removal of approximately 90 tons of No. 2 fuel oil with an excavator at residence. A 275-gallon AST was compromised during construction of the building and its contents were spilled to the exterior of the building following the pitch of the interior floor and outside to the ground. Groundwater was not encountered during remediation and therefore was not investigated as all impacted soils were successfully removed. Provided field supervision and direction of the remediation, collected confirmatory samples, performed petroleum analysis testing in the field, identified lithology, had the waste characterized and removed, oversaw the backfilling of the excavation and restoration of the property, analyzed all data and performed site closure documentation in accordance with the MA MCP.
- **2001-2002 Spinning Mill in Leicester, MA:** Conducting a brownfields investigation of a former spinning mill in Leicester, MA. The work included drilling oversight, soil, groundwater, surface water, and wastewater sampling, an assessment of the structural stability of the existing building, mapping, and surveying the site and assisting with data analysis to determine remedial feasibility and redevelopment options for of the site into an elderly housing complex.
- **2000: Mobil Gasoline Service Stations, Northern, MA:** Contracted to provide oversight of drilling services, soil and groundwater sampling, well surveying, soil excavation oversight and waste management, soil gas sampling, site mapping, data compilation, identification of lithology, collection of rock core samples, drinking water sampling and field reporting.



PROFESSIONAL AFFILIATIONS

APPENDIX 8
SITE PHOTOGRAPHS





Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
Site Name: Phase I ESA	Project Number: 73047-01
<p>Date: May 16, 2019</p> <p>Description: View of chemicals, desks and various items in basement.</p>	<p style="text-align: center;">Photo 1</p> 





Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
Site Name: Phase I ESA	Project Number: 73047-01
<p>Date: May 16, 2019</p> <p>Description: View of pile of black debris and trash at base of stairs to basement.</p>	<p style="text-align: center;">Photo 3</p> 
<p>Date: May 16, 2019</p> <p>Description: View of paint containers, deminimis stain on concrete floor and various other items.</p>	<p style="text-align: center;">Photo 4</p> 





Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
Site Name: Phase I ESA	Project Number: 73047-01
<p>Date: May 16, 2019</p> <p>Description: View of propane cylinders, and stored items in basement.</p>	<p style="text-align: center;">Photo 5</p>  <p>A photograph of a basement interior. The floor is concrete and appears somewhat stained. In the foreground, there are several propane cylinders, some white and some grey, along with a yellow bucket and other miscellaneous items. A wooden bench or table is visible in the background. The walls are light-colored and show some signs of wear or discoloration. The ceiling has exposed pipes and structural elements.</p>
<p>Date: May 16, 2019</p> <p>Description: View of water intrusion in basement with wetted materials, wood and PVC pipes.</p>	<p style="text-align: center;">Photo 6</p>  <p>A photograph of a basement interior showing signs of water intrusion. The floor is dark and wet. There are several white PVC pipes scattered across the floor. A large piece of wood or a board is leaning against a white support pillar. The walls are light-colored and show some staining. The ceiling has exposed pipes and structural elements.</p>





Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
Site Name: Phase I ESA	Project Number: 73047-01
<p>Date: May 16, 2019</p> <p>Description: View of insulation and foam board in basement wet area.</p>	<p style="text-align: center;">Photo 7</p> 
<p>Date: May 16, 2019</p> <p>Description: View of trash and wetted materials in central portion of basement.</p>	<p style="text-align: center;">Photo 8</p> 





Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
Site Name: Phase I ESA	Project Number: 73047-01
<p>Date: May 16, 2019</p> <p>Description: View of trash and wetted materials in central portion of basement.</p>	<p style="text-align: center;">Photo 9</p> 
<p>Date: May 16, 2019</p> <p>Description: View of trash, hoses and piping in basement.</p>	<p style="text-align: center;">Photo 10</p> 



Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
Site Name: Phase I ESA	Project Number: 73047-01
<p>Date: May 16, 2019</p> <p>Description: View of discarded items in basement.</p>	<p style="text-align: center;">Photo 11</p> 
<p>Date: May 16, 2019</p> <p>Description: View of furnace room and wetted materials on floor.</p>	<p style="text-align: center;">Photo 12</p> 





Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
Site Name: Phase I ESA	Project Number: 73047-01
<p>Date: May 16, 2019</p> <p>Description: View of greasy wet area of basement.</p>	<p style="text-align: center;">Photo 13</p> 
<p>Date: May 16, 2019</p> <p>Description: View of elevator shaft.</p>	<p style="text-align: center;">Photo 14</p> 





Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
Site Name: Phase I ESA	Project Number: 73047-01
<p>Date: May 16, 2019</p> <p>Description: View of trash near elevator shaft.</p>	<p style="text-align: center;">Photo 15</p> 
<p>Date: May 16, 2019</p> <p>Description: View of trash near and in elevator shaft.</p>	<p style="text-align: center;">Photo 16</p> 





Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
Site Name: Phase I ESA	Project Number: 73047-01
<p>Date: May 16, 2019</p> <p>Description: View of furnace room with hot water tank.</p>	<p style="text-align: center;">Photo 17</p> 
<p>Date: May 16, 2019</p> <p>Description: View of mechanical system for elevator.</p>	<p style="text-align: center;">Photo 18</p> 





Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
Site Name: Phase I ESA	Project Number: 73047-01
<p>Date: May 16, 2019</p> <p>Description: View of emergency escape.</p>	<p style="text-align: center;">Photo 19</p> 
<p>Date: May 16, 2019</p> <p>Description: View of sprinkler system.</p>	<p style="text-align: center;">Photo 20</p> 





Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
Site Name: Phase I ESA	Project Number: 73047-01
<p>Date: May 16, 2019</p> <p>Description: View of stained/damaged concrete area in basement.</p>	<p style="text-align: center;">Photo 21</p> 
<p>Date: May 16, 2019</p> <p>Description: View of stained/damaged concrete area in basement.</p>	<p style="text-align: center;">Photo 22</p> 





Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
Site Name: Phase I ESA	Project Number: 73047-01
<p>Date: May 16, 2019</p> <p>Description: View of black materials from demolition activities on 1st floor.</p>	<p style="text-align: center;">Photo 23</p>  <p>A photograph showing a floor covered in dark, irregular black and grey debris, likely from demolition. There are some yellowish stains or patches on the floor. The debris is scattered across the surface, with some larger pieces and many smaller fragments.</p>
<p>Date: May 16, 2019</p> <p>Description: View of 1st floor.</p>	<p style="text-align: center;">Photo 24</p>  <p>A photograph of a room under construction. The walls and ceiling are made of vertical wooden studs. The floor is concrete and appears to be in the process of being prepared or finished. There is some debris and a bucket on the floor. The room is dimly lit, with a light source visible on the right side.</p>





Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
Site Name: Phase I ESA	Project Number: 73047-01
<p>Date: May 16, 2019</p> <p>Description: View of rusty cabinet/shelving unit on 1st floor and trash.</p>	<p style="text-align: center;">Photo 25</p> 
<p>Date: May 16, 2019</p> <p>Description: View of typical section of 1st floor.</p>	<p style="text-align: center;">Photo 26</p> 





Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
Site Name: Phase I ESA	Project Number: 73047-01
Date: May 16, 2019 Description: View of wood pile on 1 st floor.	<p style="text-align: center;">Photo 27</p> 
Date: May 16, 2019 Description: View of trash on 1 st floor.	<p style="text-align: center;">Photo 28</p> 





Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
Site Name: Phase I ESA	Project Number: 73047-01
<p>Date: May 16, 2019</p> <p>Description: View of building entrance from Oxford Street.</p>	<p style="text-align: center;">Photo 29</p> 
<p>Date: May 16, 2019</p> <p>Description: View of section of 1st floor.</p>	<p style="text-align: center;">Photo 30</p> 



Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
Site Name: Phase I ESA	Project Number: 73047-01
<p>Date: May 16, 2019</p> <p>Description: View of section of 1st floor.</p>	<p style="text-align: center;">Photo 31</p> 
<p>Date: May 16, 2019</p> <p>Description: View of section of 1st floor.</p>	<p style="text-align: center;">Photo 32</p> 



Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
Site Name: Phase I ESA	Project Number: 73047-01
<p>Date: May 16, 2019</p> <p>Description: View of 2nd floor.</p>	<p style="text-align: center;">Photo 33</p> 
<p>Date: May 16, 2019</p> <p>Description: View of section of 2nd floor.</p>	<p style="text-align: center;">Photo 34</p> 

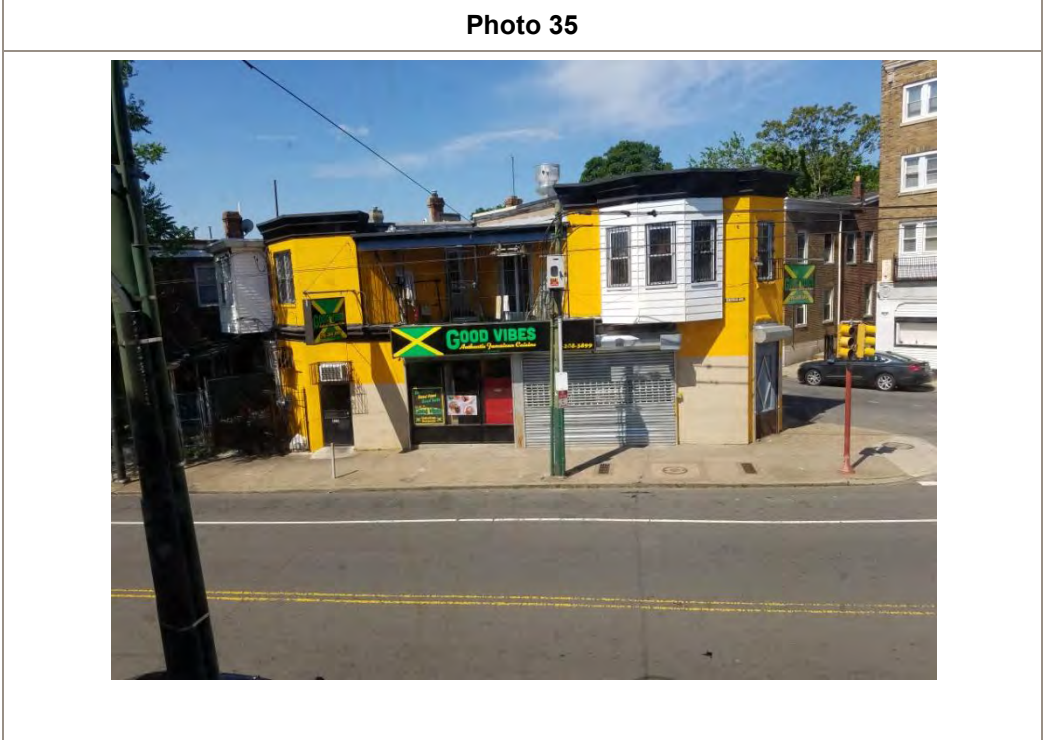


Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
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Site Name: Phase I ESA	Project Number: 73047-01
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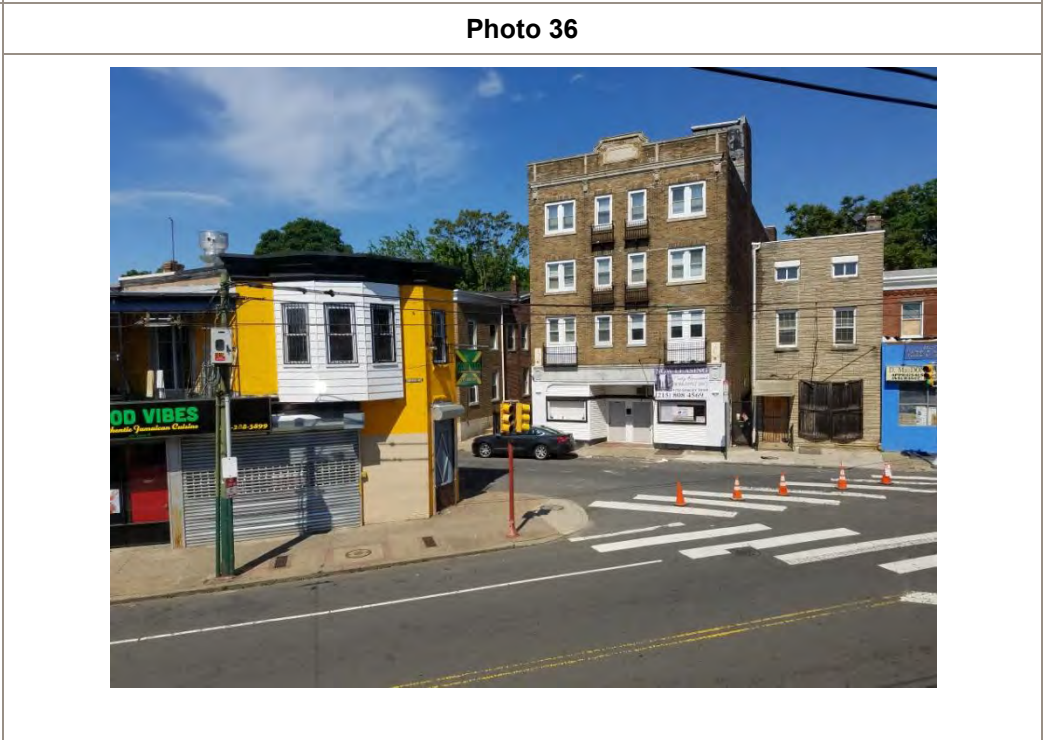
Date:
May 16, 2019

Description:
View of abutting property to south.





Date:
May 16, 2019



Description:
View of abutting property to south.







Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
Site Name: Phase I ESA	Project Number: 73047-01
<p>Date: May 16, 2019</p> <p>Description: View of typical section of windows.</p>	<p style="text-align: center;">Photo 37</p> 
<p>Date: May 16, 2019</p> <p>Description: View of oily staining on floor on the 2nd floor.</p>	<p style="text-align: center;">Photo 38</p> 

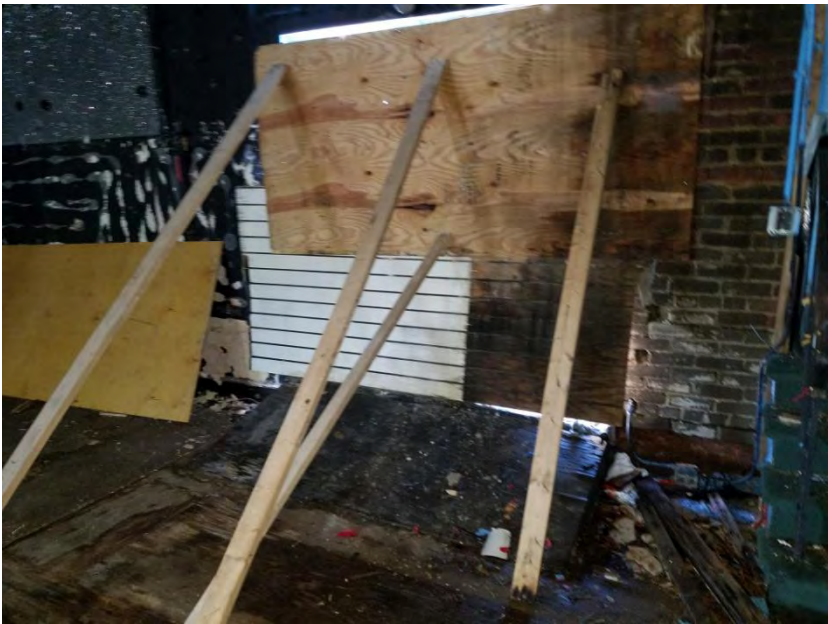



Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
Site Name: Phase I ESA	Project Number: 73047-01
<p>Date: May 16, 2019</p> <p>Description: View of floor staining from leaking roof on 2nd floor.</p>	<p style="text-align: center;">Photo 39</p>  <p>A photograph showing a close-up view of a concrete floor with significant water damage. The floor is covered in dark, irregular stains and streaks, indicating a leak from above. The staining is most prominent in the center and right side of the frame.</p>
<p>Date: May 16, 2019</p> <p>Description: View of leaking ceiling area.</p>	<p style="text-align: center;">Photo 40</p>  <p>A photograph of a ceiling area with a grid pattern. There is a significant amount of water damage, including large, irregular stains and areas where the ceiling material appears to be peeling or missing. A metal rod or pipe is visible in the foreground, extending across the ceiling.</p>





Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
Site Name: Phase I ESA	Project Number: 73047-01
Date: May 16, 2019 Description: View of 2 nd floor.	<p style="text-align: center;">Photo 41</p> 
Date: May 16, 2019 Description: View of CO2 canisters on 2 nd floor.	<p style="text-align: center;">Photo 42</p> 



Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
Site Name: Phase I ESA	Project Number: 73047-01
<p>Date: May 16, 2019</p> <p>Description: View of 2nd floor section closing off exterior opening.</p>	<p style="text-align: center;">Photo 43</p> 
<p>Date: May 16, 2019</p> <p>Description: View of section of roof and southwest abutting properties.</p>	<p style="text-align: center;">Photo 44</p> 



Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
Site Name: Phase I ESA	Project Number: 73047-01
<p>Date: May 16, 2019</p> <p>Description: View of yard area. C&D material and trash are present.</p>	<p style="text-align: center;">Photo 45</p> 
<p>Date: May 16, 2019</p> <p>Description: View of northern yard area. Stressed vegetation is present.</p>	<p style="text-align: center;">Photo 46</p> 



Client: Nana's Daycare LLC	Site Location: 4721-51 Oxford Avenue Philadelphia, PA
Site Name: Phase I ESA	Project Number: 73047-01
Date: May 16, 2019 Description: View of northern yard area.	<p style="text-align: center;">Photo 47</p> 