

FINAL TRIP REPORT

AMBLER GROUNDWATER VOC PLUME AMBLER, MONTGOMERY COUNTY, PENNSYLVANIA

EPA CONTRACT NO.: EP-S3-15-02
TECHNICAL DIRECTION DOCUMENT NO.: W503-15-12-001
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Prepared For:



U.S. Environmental Protection Agency Region III
Hazardous Site Cleanup Division
1650 Arch Street
Philadelphia, Pennsylvania 19103

Prepared By:



Weston Solutions, Inc.
1400 Weston Way
West Chester, Pa 19380

October 2016

FINAL

TRIP REPORT

**AMBLER GROUNDWATER VOC PLUME
AMBLER, MONTGOMERY COUNTY, PENNSYLVANIA**

(b) (4)
[Redacted]

Prepared by:
WESTON – Project Task Lead

(b) (4)
[Redacted]

October 13, 2016

Date

(b) (4)
[Redacted]

Approved by:
WESTON – Program Manager

(b) (4)
[Redacted]

October 13, 2016

Date

(b) (4)


Approved by:
EPA Site Assessment Manager
Chris Vallone

October 18, 2016

Date



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LIST OF ACRONYMS AND ABBREVIATIONS

°C	degrees Celsius
µg/kg	microgram per kilogram
µg/L	microgram per liter
Act 2	Pennsylvania Land Recycling and Environmental Remediation Standards Act
bgs	below ground surface
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CLP	Contract Laboratory Program
COC	Contaminant of Concern
CRQL	contract-required quantitation limit
DCE	dichloroethene
EDR	Environmental Data Resources, Inc.
EPA	United States Environmental Protection Agency
FSP	Field Sampling and Analysis Plan
IDW	Investigation-Derived Waste
MCL	Maximum Contaminant Level
MDL	method detection limit
mL	milliliter
mL/min	milliliters per minute
ND	not detected
NL	no listed value
NPL	National Priorities List
OLEM	Office of Land Management and Emergency Response
OSWER	Office of Solid Waste and Emergency Response
PA LUST	Pennsylvania Leaking Underground Storage Tank
PA LTANK	Pennsylvania Unregulated Leaking Tank
PCE	tetrachloroethene
PVC	polyvinyl chloride
RCRA	Resource Conservation and Recovery Act
RSL	Regional Screening Level
SEMS	Superfund Enterprise Management System
SOP	Standard Operating Procedure
SQC	Small Quantity Generator
START	Eastern Area Superfund Technical Assessment and Response Team



LIST OF ACRONYMS AND ABBREVIATIONS (CONTINUED)

TCE	trichloroethylene
UFP-QAPP	Uniform Federal Policy-Quality Assurance Project Plan
VOA	volatile organic analysis
VOC	volatile organic compound
WAM	Work Assignment Manager
WESTON®	Weston Solutions, Inc.



1.0 INTRODUCTION

Under the Eastern Area Superfund Technical Assessment and Response Team (START) Contract No. EP-S3-15-02, Technical Direction Document No. W503-15-12-001, the U.S. Environmental Protection Agency (EPA) Region III tasked Weston Solutions, Inc. (WESTON®) to investigate potential sources of volatile organic compounds (VOCs) detected in the groundwater collected from a background monitoring well upgradient of disposal areas at the BoRit Asbestos Superfund site (BoRit) located in Ambler, Montgomery County, Pennsylvania.

As part of the investigation, WESTON collected groundwater samples from four on-site monitoring wells at the BoRit site and from the upgradient background monitoring well. WESTON also collected samples from two production wells located at a facility north of BoRit and a sample of its effluent water. WESTON conducted the field sampling activities on June 8 and 9, 2016 in accordance with the EPA-approved Field Sampling Plan (FSP) and the provisions of the *EPA Region III START 5 Program-Wide Uniform Federal Policy-Quality Assurance Project Plan* (UFP-QAPP) (WESTON, 2016 and 2015a).

2.0 BACKGROUND

This section describes the location of the Ambler Groundwater VOC Plume site (the Site), presents a description of the Site, and summarizes previous site investigation activities.

2.1 SITE LOCATION AND DESCRIPTION

The Site consists of a VOC groundwater plume from an unallocated source in Ambler, Montgomery County, Pennsylvania. The approximate geographic coordinates of the Site are 40.156681° north latitude and 75.228922° west longitude, as measured from an on-site monitoring well (MW-7). As shown on Figure 1, the Site is located in a residential area with some commercial and light industrial facilities located within 1 mile, including BASF Corporation located 0.33 mile northwest of the Site. The BoRit site is located adjacent to the Site to the south.



2.2 SITE HISTORY

As part of on-going remedial investigations of the BoRit site, monitoring wells were installed in known disposal areas as well as upgradient of the disposal areas to assess groundwater quality with regard to impact from the waste associated with the BoRit site. Monitoring well MW-07 (Figure 2) was installed in spring 2013 at a location determined to be upgradient of the on-site waste at the BoRit site. Monitoring well MW-07 is located along the southern side of West Maple Avenue on a vacant lot owned by Whitpain Township. Results of analysis of groundwater collected from this well showed concentrations of tetrachloroethene (PCE) at 270 micrograms per liter ($\mu\text{g/L}$) and trichloroethylene (TCE) at 12 $\mu\text{g/L}$. PCE and TCE were also detected in one downgradient well, MW-02, at significantly lower concentrations of 37 $\mu\text{g/L}$ PCE and 1.7 $\mu\text{g/L}$ TCE.

TCE has been detected in waste samples collected from the BoRit site. Concentrations of TCE in waste samples typically range from non-detected to less than 10 micrograms per kilogram ($\mu\text{g/kg}$). However, three waste samples contained concentrations of 22, 36, and 250 $\mu\text{g/kg}$. PCE has not been detected in waste samples collected from BoRit.

Because MW-07 is upgradient of the BoRit waste, the TCE and PCE detected in the well are likely not attributable to the BoRit site (CDM, 2013). In addition, VOCs reportedly have been detected in effluent discharge samples associated with Gessner Products. Gessner Products is a manufacturer of melamine container products located 0.1 mile north (upgradient) of MW-07. Gessner products does not use VOCs in its process. The presence of VOCs in its non-contact discharge water is believed to be a result of the intake and use of contaminated groundwater in production wells at the facility.

3.0 SAMPLING OBJECTIVE AND DATA USE

The objective of this groundwater investigation is to gather analytical data in an effort to determine the source of the VOCs detected at the BoRit site, particularly in upgradient background monitoring well MW-07.



4.0 SITE ACTIVITIES

This section presents a discussion of sampling and non-sampling activities conducted as part of the VOC groundwater plume investigation. All activities were conducted in accordance with the approved FSP (WESTON, 2016), unless otherwise specified. Field logbook notes and forms are provided in **Appendix A**, and sample locations are depicted on Figure 2, Sample Location Map.

4.1 NON-SAMPLING ACTIVITIES

As part of the investigation to determine a source of the PCE in groundwater, WESTON reviewed environmental databases (**Attachment A**), historical Sanborn[®] maps (**Attachment B**), and City Directories (**Attachment C**). The property located immediately north of the Site, with a listed address of 200 Railroad Avenue, is currently and has historically been occupied by numerous automotive repair facilities, with street addresses of 210, 218, 220, and 250 Railroad Avenue. These facilities are or were listed as Resource Conservation and Recovery Act (RCRA) small-quantity generators (SQGs) for solvents. There have been no reported releases from this property (EDR, 2016a). Property records indicate that the parcel is approximately 3.09 acres and was developed in 1925 for industrial use (Montgomery County, 2016). The Sanborn[®] map dated 1921 shows that the property located immediately north of Maple Avenue and MW-7 was owned by the Asbestos Shingle and Sheathing Co. An L-shaped building located on that property indicates the presence of an “inspection & pressing room” and a “mixing room.” The Sanborn[®] maps dated 1930 and 1945 are unchanged; however, the map dated 1950 shows expansion of buildings on the property (EDR, 2016b). A directory search for this property from 1992 to 2013 also indicates the presence of other commercial businesses such as woodworking, stone fabrication, and an insulation company; however, these facilities were not identified in the environmental database searches. (EDR, 2016a and 2016c).

Two additional automotive repair facilities, located at 196 and 198 N. Main Street, were listed as current or historical RCRA SQGs for solvents located approximately 0.12-mile from the Site to the east-northeast. No dry cleaners or historical dry cleaners were identified within 0.5-mile of the Site (EDR, 2016a).



The environmental database search identified several other facilities within 0.5 mile of the Site that were listed in federal and/or state records such as Superfund Enterprise Management Systems (SEMS), Pennsylvania Leaking Underground Storage Tank (PA LUST), Pennsylvania Unregulated Leaking Tank (PA LTANK) (EDR, 2016a); however, these facilities are not suspected of being associated with the source of the PCE detected in MW-07 for the following reasons:

- Distance from the Site
- Status of the listed facility (i.e., closed, archived)
- Nature of material (i.e., petroleum product)
- Hydrogeological cross- or down-gradient of the Site

As previously noted, the BASF Corporation is located 0.33 mile northwest of the Site. BASF has conducted numerous soil and groundwater investigations and remedial activities under Pennsylvania's Land Recycling and Environmental Remediation Standards Act (Act 2) since 2004. The primary contaminant of concern (COC) at the BASF location is 1,2-dichloroethane. Additional COCs include 1,1-dichloroethane, 1,1,-dichloroethene, 1,1,1-trichloroethane, and TCE; however, PCE, the primary COC at the Ambler site, is not a COC at the BASF location and has not been detected in collected soil and groundwater samples (Tetra Tech, 2004; AMO, 2016).

According to the Montgomery County property records, Gessner Products has been located at the 241 N. Main Street address since at least 1974 (Montgomery County, 2016). However, the company's website indicates that the company was founded in the late 1950s (Gessner Products, 2016). Gessner Products was not listed in any of the environmental databases (EDR, 2016a).

4.2 SAMPLING ACTIVITIES

On June 8, 2016, WESTON collected two groundwater samples and one effluent sample from the Gessner Products manufacturing facility located north of the BoRit site. The groundwater samples were collected from two on-site production wells, the North Well and the South Well. The North Well is 136 feet deep with the pump set at 100 feet below ground surface (bgs) and



the South Well is approximately 500 feet deep with the pump set at 260 feet bgs. Each well was purged for approximately 15 minutes in accordance with WESTON Standard Operating Procedure (SOP) No. 202, Residential Groundwater Sampling (WESTON, 2015b) to ensure a representative sample of the groundwater was collected. Following purging of the wells, water was collected from a spigot into three 40-milliliter (mL) volatile organic analysis (VOA) vials preserved with hydrochloric acid for VOC analysis. Upon completion of the groundwater sampling, a sample was collected of the facility's non-contact cooling water effluent. The effluent sample was collected by lowering a plastic container down the polyvinyl chloride (PVC)-effluent pipe. The water collected in the plastic container was immediately transferred into three 40-mL VOA vials preserved with hydrochloric acid for VOC analysis.

On June 9, 2016, WESTON collected groundwater samples from four monitoring wells located on-site at BoRit plus a sample from the upgradient background monitoring well (MW-7). Sampling locations are shown on Figure 2. Samples were collected in accordance with the approved FSP and with WESTON SOP No. 201, Groundwater Well Sampling (WESTON, 2016 and 2011). Prior to sampling, the depth-to-groundwater in each monitoring well was measured with an electronic water level meter. At a minimum, at least one well volume was removed from each well prior to sampling using submersible pumps. The flow rate was then reduced to approximately 500 milliliters per minute (mL/min) and water quality parameters, including pH, temperature, dissolved oxygen, specific conductance, turbidity, and redox potential, were measured using a YSI water quality meter coupled with a flow-through cell. Purging continued until water quality parameters stabilized to a point at which the values did not fluctuate by more than the following ranges over three successive readings:

- ± 0.1 pH
- $\pm 3\%$ for specific conductance
- ± 10 millivolts for redox potential
- $\pm 10\%$ for dissolved oxygen
- ± 0.1 degree Celsius ($^{\circ}\text{C}$) for temperature

Once water quality parameters stabilized, WESTON disconnected the tubing from the flow-through cell and collected groundwater samples directly from the sample/purging tubing directly into the appropriate sample containers. Dedicated disposable polyethylene tubing was



used at each monitoring well. Well purging field notes for the six monitoring wells are provided in **Appendix A**.

Investigation-Derived Waste (IDW) purge water generated from the monitoring wells was drummed and left on-site at the BoRit Asbestos Superfund site. The drum was picked up for disposal as non-hazardous waste on September 1, 2016. A copy of the signed manifest is provided in **Attachment D**.

All samples were placed on ice immediately following collection. All samples collected during this sampling event were handled and packaged in accordance with *Contract Laboratory Program Guidance for Field Samplers* (EPA, 2014a).

4.3 DEVIATIONS FROM SAMPLING PLAN

The Final Ambler Groundwater VOC Plume Field Sampling and Analysis Plan proposed the collection of a groundwater sample from one production well at the Gessner Products facility. However, once at the facility, it was discovered that the facility has two production wells and an effluent sample port. The EPA Work Assignment Manager (WAM) was on-site during the sampling event and directed WESTON to collect the additional two samples from the second production well and the effluent sample port (WESTON, 2016).

5.0 ANALYTICAL RESULTS

Groundwater samples were analyzed for VOCs in accordance with EPA CLP VOC Method SOM02.2 and validated at the Organic Level 2, in accordance with USEPA *National Functional Guidelines for Superfund Organic Methods Data Review*, USEPA-540-R-014-002 (EPA, 2014b) and *EPA Contract Laboratory Program Statement of Work for Organic Superfund Methods, Multi-Media, Multi-Concentration*, SOM02.3 (EPA, 2015). The laboratory results and associated data validation report is provided in **Attachment E**. No major or minor issues were noted with the validated data. The groundwater analytical data results were compared to EPA Regional Screening Levels (RSLs) for tap water based on cancer target risk of 1E-6 and a hazard quotient of 1 (EPA, 2016) and EPA *National Primary Contaminant Drinking Water Regulations*



Maximum Contaminant Levels (MCLs) (EPA, 2009). RSLs are risk-based concentrations derived from standardized equations combining exposure information assumptions with EPA toxicity data. The RSLs are considered by EPA to be protective for human health over a lifetime. They are used for site screening and are not cleanup standards. The RSLs are used to help identify areas, contaminants, and conditions that may require further action at a particular site. EPA MCLs are legally enforceable standards that apply to public drinking water systems only. However, EPA MCLs are frequently used for evaluating and, in some cases, as a basis for remediating, contaminated sites. They are included here for comparison purposes only.

As shown in Table 1, MW-07 contained the highest concentrations of PCE (200 µg/L) and its breakdown products, cis-1,2-dichloroethene (DCE) (8.2 µg/L) and TCE (24 µg/L). MW-02, located directly downgradient of MW-07, contained PCE (27 µg/L), trichlorofluoromethane (25 µg/L), carbon tetrachloride (5.1 µg/L), an estimated concentration of DCE (1 µg/L), and an estimated concentration of TCE (1.7 µg/L). The deep production well (South Well) at the Gessner Products facility also contained concentrations of PCE (14 µg/L) and estimated concentrations of DCE (1 µg/L) and TCE (1.1 µg/L). In addition, the effluent sample collected at the Gessner Products facility contained concentrations of PCE (5.7 µg/L).

The concentrations of PCE detected in MW-02, MW-07, and the south production well exceed the RSL of 11 µg/L. The concentration of PCE in the effluent sample did not exceed the RSL, but did exceed the MCL of 5 µg/L. Additionally, the concentrations of TCE in MW-02, MW-07, and the south production well exceed the RSL of 0.49 µg/L, and the concentration in MW-07 also exceeds the MCL of 5 µg/L. The concentration of carbon tetrachloride in MW-02 exceeds the RSL of 0.46 µg/L and also the MCL of 5 µg/L. The detected concentrations of DCE and trichlorofluoromethane did not exceed applicable RSLs or MCLs.

MW-01A, MW-05, MW-06, and the shallow production well (North Well) at the manufacturing facility did not contain concentrations of chlorinated solvents. No COCs were detected in the submitted quality assurance/quality control blank samples.



6.0 CONCLUSIONS

The June 2016 sampling confirmed the presence of chlorinated solvents, particularly PCE, in groundwater at the Site with the highest concentrations being detected in MW-07. Based on the data and direction of groundwater flow (south), it appears that the source of PCE in the groundwater is from a location north of MW-07.

As previously stated, the property immediately north of MW-07 is currently and has historically been occupied by several automotive repair facilities that are listed as RCRA small-quantity generators for solvents. A directory search for this property also indicated the presence of other commercial businesses such as woodworking, stone fabrication, an insulation company; however, these facilities were not identified in the environmental database searches. An environmental database search did not identify current or historical dry cleaners in the vicinity of the Site. The environmental database search identified several other facilities within 0.5 mile of the Site that were listed in federal and/or state records, such as SEMS, PA LUST, and PA LTANK; however, these facilities are not suspected of being associated with the source of the PCE detected in MW-07 for the following reasons:

- Distance from the Site
- Status of the listed facility (i.e., closed, archived)
- Nature of material (i.e., petroleum product)
- Hydrogeological cross-or downgradient of the Site



7.0 REFERENCES

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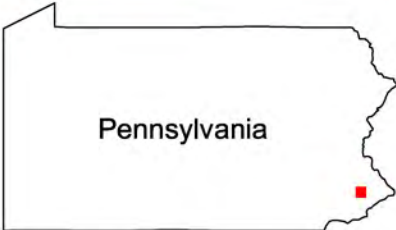
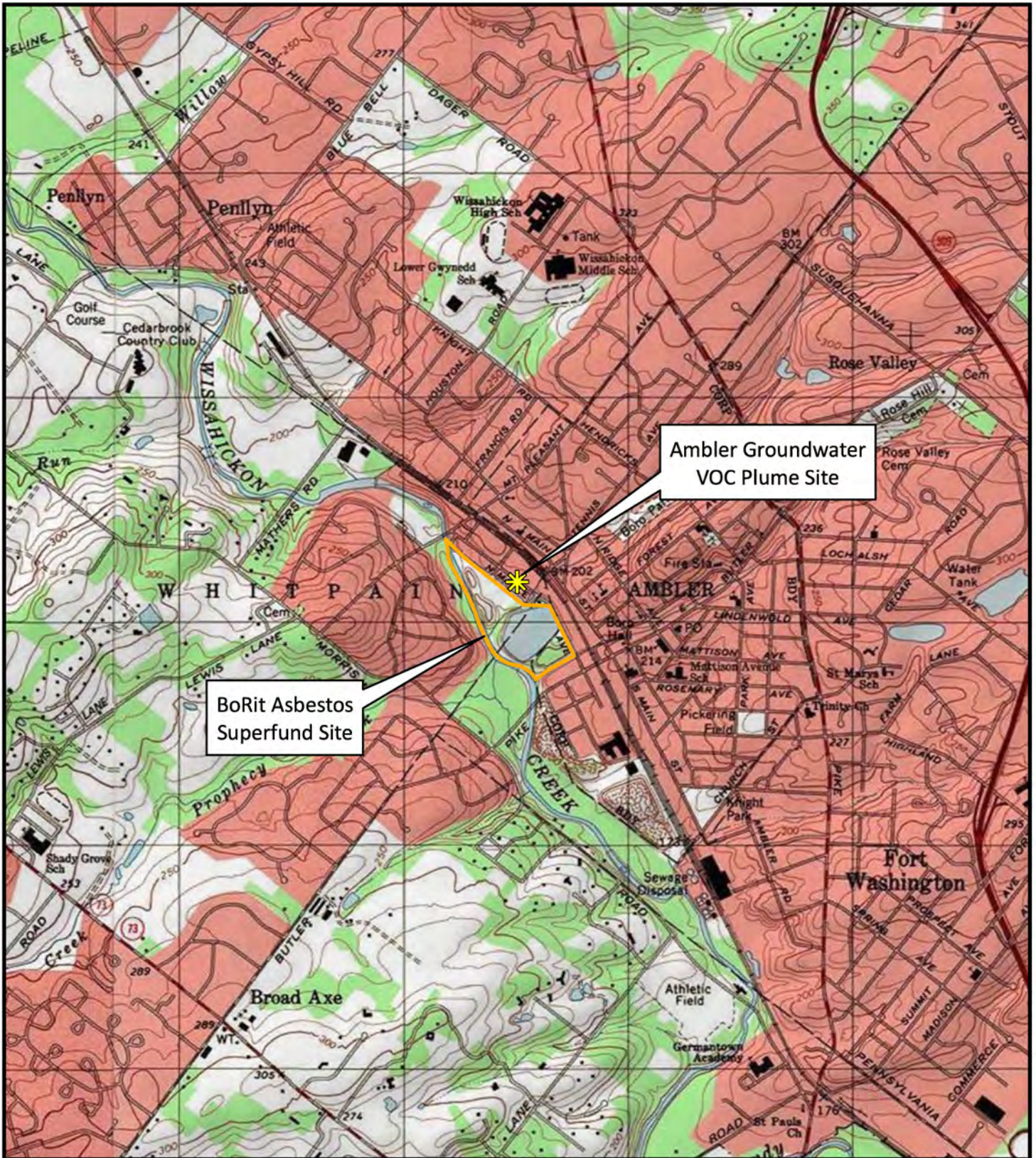
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WESTON (Weston Solutions, Inc.). 2015b. *Residential Groundwater Sampling*. SOP No. 202. November.

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FIGURES



Pennsylvania

USGS 7.5 Minute Quadrangle
Ambler Pa, 1981. Revised 1984



Coordinate System:
UTM Zone 18N Feet, WGS84



Ambler Groundwater VOC Plume Site
Ambler, Montgomery County, PA




Figure 1
Site Location Map

TDD#: W503-15-12-001
Contract: EP-53-15-02
Prepared: 9/12/2016





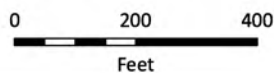
Legend

-  Monitoring Well
-  Production Wells and Effluent Sample
-  BoRit Asbestos Superfund Site

Aerial Imagery - ESRI, Bing Mapping Service



Coordinate System:
UTM Zone 18N Feet, WGS84



Ambler Groundwater VOC Plume Site
Ambler, Montgomery County, PA

Figure 2
Sample Location Map

TDD#: W503-15-12-001
Contract: EP-53-15-02
Prepared: 9/15/2016





TABLE

Ambler Groundwater VOC Plume
Table 1
Detected VOCs in Groundwater

VOC Compound	Field Sample ID:			MW-01A	MW-02	MW-05	MW-06	MW-07	MW-07	North Production Well	South Production Well	Effluent									
	Sample Type:			Field sample	Field sample	Field sample	Field sample	Field sample	Field duplicate	Field sample	Field sample	Field sample									
	Date:			6/9/2016	6/9/2016	6/9/2016	6/9/2016	6/9/2016	6/9/2016	6/8/2016	6/8/2016	6/8/2016									
	CLP Sample ID:			C0AA5	C0AA4	C0AA6	CoAA2	C0AA0	C0AA1	C0AA3	C0AA9	C0AB0									
	Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
CRQL	RSL	MCL	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
cis-1,2-Dichloroethene	5	36	70	ND		1	J	ND		ND		8.2		7.9		ND		1	J	ND	
Trichlorofluoromethane	5	5,200	NL	ND		25		ND		ND		ND		ND		ND		ND		ND	
Carbon tetrachloride	5	0.46	5	ND		5.1		ND		ND		ND		ND		ND		ND		ND	
Trichloroethene	5	0.49	5	ND		1.7	J	ND		ND		24		23		ND		1.1	J	ND	
Tetrachloroethene	5	11	5	ND		27		ND		ND		200		180		ND		14		5.7	

Notes:

Bold values indicate concentration above RSL

µg/L – Micrograms per liter

CRQL – Contract-required quantitation limit

CLP – Contract laboratory program

J – The analyte was positively identified; however, the reported value is qualified as estimated because it was detected above the MDL but below the CRQL.

MCL - EPA National Drinking Water Standards Maximum

Contaminant Level (EPA, 2009)

MDL – Method detection limit

ND – Not detected

NL – No listed value

Q – Qualifier

RSL = EPA Region 3 Regional Screening Level for Tap Water (target cancer risk 1E-6 and hazard quotient 1)



APPENDIX A
WELL PURGING FORMS AND SITE LOGBOOK NOTES

Well Purging Form – May 2014 Sampling

Company: <u>Weston Solutions, Inc.</u>	Location ID: <u>MW-01A</u>
Client/Project: <u>U.S. EPA – Region 3</u>	Purge Date: <u>6/9/16</u>
Site/Area: <u>BaRit</u>	Sample Date/Time: <u>6/9/16 - 1542</u>
Sampler: <u>(b) (4)</u>	Pump ID: <u>16252</u>
Signature: _____	

Well Observations

Well Diameter: <u>2" 4" 6" 8"</u>	Casing/Lid Condition: <u>good</u>	Locked: <u>Y/N</u> Key: _____
Measuring Point: <u>Top of C.P.</u>	Vapor Readings: <u>0ppm</u>	Units: _____
Checked for NAPL: <u>None</u>	Observed NAPL: <u>None</u>	Sheen: <u>None</u>

Purge Calculations

(A) Depth to Well Bottom: <u>77</u> (ft)	Casing Factor (GPF for inches) = 0.041 (Well Diameter) ² 2" = 0.16; 4" = 0.65; 6" = 1.47; 8" = 2.61 GPF
(B) Depth to Water: <u>16.23</u> (ft)	
(C) Sand Pack Length: <u> </u> (ft)	
(D) Water Column Height (A-B): <u>60.7</u> (ft)	
(E) Casing Volume Factor: <u>0.16</u> (GPF)	
(F) Sand Pack Volume Factor: <u> </u> (GPF)	
(G) Casing Volume (D x E): <u>4.7</u> (Gal)	(I) Total Well Volume (G + H): _____ (Gal)
(H) Sand Pack Volume (C x F): <u> </u> (Gal)	(J) Volumes to be Purged: _____
	(K) Total Purge Volume (I x J): _____

Purging Information

Purging Endpoint: <u>Volume / Parameter Stabilization</u>	Criteria: <u>1+ Well Volume; Overnight Recharge; Low Flow to Parameter Stabilization</u>
Purging Method: <u>low flow</u>	
Device Description: <u>bladder pump</u>	
Pump/Bailer Intake: _____	
Purge Water: <u>collected</u>	Field Measurements In: <u>flow thru cell</u>
Stored In: <u>Drum</u>	

Time	Date	Depth to Water (ft BMP)	Purge Rate or Volume (GPM-Gal)	Field Measurements and Units						Comments
				Turbidity	MTP	MPH	MSC	MDO	ORP	
				NTU	°C		µg/cm	%	%	
1515	6/9/15	16.23	>500 mL/m	16.7	27.7	7.4	0.163	90.3	235	
1525	6/9/15	16.48	"	2391	17.09	7.61	0.54	3.0	282	
1530	6/9/15	16.52	"	522	15.44	7.42	0.514	13.0	305	
1535	6/9/15	16.54	"	359	15.43	7.43	0.512	15.6	314	
1540	6/9/15	16.56	"	347	15.29	7.41	0.520	17.3	318	
1542										sample collected

Total Purge Time: 35 Min Total Purge Volume: 1.5 Gal Recovery: Fast / Slow / V. Slow

Field Measurement Codes

MTP – Temperature (C)	MCL – Color	MDO – Dissolved Oxygen (mg/L)	MD1 – DTW in Well _____
MSC – Specific Conductance (mS/cm)	MPH – pH	MO1 – Other: _____	MD2 – DTW in Well _____
MPD – Photoionizer (e.g., HNu)	MEH – Eh	MO2 – Other: _____	MD3 – DTW in Well _____
MFD – Flame Ionizer (e.g. OVA)	MAL – Alkalinity	MO3 – Other: _____	MD4 – DTW in Well _____

Well Purging Form – May 2014 Sampling

Company: <u>Weston Solutions, Inc.</u>	Location ID: <u>MW-02</u>
Client/Project: <u>U.S. EPA – Region 3</u>	Purge Date: <u>06/09/16</u>
Site/Area: <u>BORIF</u>	Sample
Sampler: <u>(b) (4)</u>	Date/Time: <u>06/09/16 / 1241</u>
Signature: _____	Pump ID: <u>16252</u>

Well Observations

Well Diameter: <u>2" / 4" / 6" / 8"</u>	Casing/Lid Condition: <u>Good</u>	Locked: <u>Y/N</u>	Key: _____
Measuring Point: <u>TIC</u>	Vapor Readings: <u>0 ppm</u>	Units: <u>NA</u>	_____
Checked for NAPL: <u>None</u>	Observed NAPL: <u>None</u>	Sheen: <u>None</u>	_____

Purge Calculations

(A) Depth to Well Bottom: <u>63</u> (ft)	Casing Factor (GPF for inches) = 0.041 (Well Diameter) ² 2" = 0.16; 4" = 0.65; 6" = 1.47; 8" = 2.61 GPF
(B) Depth to Water: <u>22.86</u> (ft)	
(C) Sand Pack Length: _____ (ft)	
(D) Water Column Height (A-B): <u>40.14</u> (ft)	
(E) Casing Volume Factor: <u>0.16</u> (GPF)	
(F) Sand Pack Volume Factor: _____ (GPF)	
(G) Casing Volume (D x E): <u>6.4</u> (Gal)	(I) Total Well Volume (G + H): <u>6.4</u> (Gal)
(H) Sand Pack Volume (C X F): _____ (Gal)	(J) Volumes to be Purged: _____
	(K) Total Purge Volume (I X J): _____

Purging Information

Purging Endpoint: <u>Volume / Parameter Stabilization</u>	Criteria: <u>1 - Well Volume, Overnight Recharge, Low Flow to Parameter Stabilization</u>
Purging Method: <u>Low flow</u>	
Device Description: <u>Bladder Pump</u>	
Pump/Bailer Intake: _____	
Purge Water: <u>collected</u>	Field Measurements In: <u>Flow through cell</u>
Stored In: <u>Drum</u>	

Time	Date	Depth to Water (ft BMP)	Purge Rate or Volume (GPM-Gal) (ML/min)	Field Measurements and Units						Comments
				Turbidity	MTP	MPH	MSC	MDO	ORP	
				NTU	°C		µg/cm	%	%	
1220	6/9/16	22.86	1500	2295	15.8	7.22	0.661	3.31	267.2	
1225	6/9/16	22.94	"	1591	13.4	6.92	0.676	16.0	312	
1230	6/9/16	23.1	"	640	13.3	6.91	0.689	13.4	323	
1235	6/9/16	23.20	"	320	13.4	6.94	0.701	9.6	328	
1240	6/9/16	23.21	"	175	13.4	7.01	0.706	9.6	329	sampled
1241										↓

Total Purge Time: 20 Min Total Purge Volume: 2.0+ Gal Recovery: Fast / Slow / V. Slow

Field Measurement Codes

MTP – Temperature (C)	MCL – Color	MDO – Dissolved Oxygen (mg/L)	MD1 – DTW in Well _____
MSC – Specific Conductance (mS/cm)	MPH – pH	MO1 – Other: _____	MD2 – DTW in Well _____
MPD – Photoionizer (e.g., HNu)	MEH – Eh	MO2 – Other: _____	MD3 – DTW in Well _____
MFD – Flame Ionizer (e.g. OVA)	MAL – Alkalinity	MO3 – Other: _____	MD4 – DTW in Well _____

Well Purging Form – May 2014 Sampling

Company: <u>Weston Solutions, Inc.</u>	Location ID: <u>MW-05</u>
Client/Project: <u>U.S. EPA – Region 3</u>	Purge Date: <u>6-9-16</u>
Site/Area: <u>Bokrit</u>	Sample
Sampler: <u>(b) (4)</u>	Date/Time: <u>6/9/16 / 1344</u>
Signature: _____	Pump ID: <u>16252</u>
Other Co-Located Sample Info: _____	

Well Observations

Well Diameter: <u>2" / 4" / 6" / 8" /</u>	Casing/Lid Condition: <u>good</u>	Locked: <u>Y / (N)</u> Key: _____
Measuring Point: <u>TIC</u>	Vapor Readings: <u>0 ppm</u>	Units: _____
Checked for NAPL: <u>None</u>	Observed NAPL: <u>None</u>	Sheen: <u>None</u>

Purge Calculations

(A) Depth to Well Bottom: <u>64</u> (ft)	Casing Factor (GPF for inches) = 0.041 (Well Diameter) ² 2" = 0.16; 4" = 0.65; 6" = 1.47; 8" = 2.61 GPF
(B) Depth to Water: <u>21.7</u> (ft)	
(C) Sand Pack Length: _____ (ft)	
(D) Water Column Height (A-B): <u>42.3</u> (ft)	
(E) Casing Volume Factor: <u>.16</u> (GPF)	
(F) Sand Pack Volume Factor: _____ (GPF)	
(G) Casing Volume (D x E): <u>6.768</u> (Gal)	(I) Total Well Volume (G + H): _____ (Gal)
(H) Sand Pack Volume (C X F): _____ (Gal)	(J) Volumes to be Purged: _____
	(K) Total Purge Volume (I X J): <u>1.25 gal</u>

Purging Information

Purging Endpoint: <u>Volume / Parameter Stabilization</u>	Criteria: <u>1+ Well Volume, Overnight</u>
Purging Method: <u>Low Flow</u>	<u>Recharge, Low Flow to</u>
Device Description: <u>Bladder Pump.</u>	<u>Parameter Stabilization</u>
Pump/Bailer Intake: _____	
Purge Water: <u>collected</u>	Field Measurements In: _____
Stored In: <u>Drum</u>	

Time	Date	Depth to Water (ft BMP)	Purge Rate or Volume (GPM-Gal) ml/min	Field Measurements and Units						Comments
				Turbidity NTU	MTP °C	MPH	MSC µg/cm	MDO %	ORP %	
1324	6/9/16	21.7	>500	125	15.0	7.77	.659	26.6	215	
1333	6/9/16	21.90	"	114	14.5	7.69	.650	12.3	71.0	
1338	6/9/16	21.95	"	44.2	14.4	7.48	.646	11.4	14.9	
1343	6/9/16	21.98	"	315	14.4	7.44	.667	12.0	12.3	MW-05
1344										sampled 1344

Total Purge Time: 20 Min Total Purge Volume: 1.25 Gal Recovery: Fast / Slow / V. Slow

Field Measurement Codes

MTP – Temperature (C)	MCL – Color	MDO – Dissolved Oxygen (mg/L)	MD1 – DTW in Well _____
MSC – Specific Conductance (mS/cm)	MPH – pH	MO1 – Other: _____	MD2 – DTW in Well _____
MPD – Photoionizer (e.g., HNu)	MEH – Eh	MO2 – Other: _____	MD3 – DTW in Well _____
MFD – Flame Ionizer (e.g. OVA)	MAL – Alkalinity	MO3 – Other: _____	MD4 – DTW in Well _____

Well Purging Form – May 2014 Sampling

Company: <u>Weston Solutions, Inc.</u>	Location ID: <u>MW-06</u>
Client/Project: <u>U.S. EPA – Region 3</u>	Purge Date: <u>6/9/16 / 1436</u>
Site/Area: <u>Ro Pit</u>	Sample Date/Time: <u>6/9/16 / 1436</u>
Sampler: <u>(b) (4)</u>	Pump ID: <u>16252</u>
Signature: _____	

Other Co-Located Sample Info:

Well Observations

Well Diameter: <u>2" 4" / 6" / 8" /</u>	Casing/Lid Condition: <u>Good</u>	Locked: <u>Y (N)</u> Key: _____
Measuring Point: <u>TIC</u>	Vapor Readings: <u>0 ppm</u>	Units: _____
Checked for NAPL: _____	Observed NAPL: <u>No</u>	Sheen: <u>None</u>

Purge Calculations

(A) Depth to Well Bottom: <u>54.82</u> (ft)	Casing Factor (GPF for inches) = 0.041 (Well Diameter) ² 2" = 0.16; 4" = 0.65; 6" = 1.47; 8" = 2.61 GPF
(B) Depth to Water: <u>15.01</u> (ft)	
(C) Sand Pack Length: _____ (ft)	
(D) Water Column Height (A-B): <u>43.81</u> (ft)	
(E) Casing Volume Factor: <u>.16</u> (GPF)	
(F) Sand Pack Volume Factor: _____ (GPF)	(I) Total Well Volume (G + H): <u>7.00</u> (Gal)
(G) Casing Volume (D x E): <u>7.00</u> (Gal)	(J) Volumes to be Purged: _____
(H) Sand Pack Volume (C X F): _____ (Gal)	(K) Total Purge Volume (I X J): _____

Purging Information

Purging Endpoint: <u>Volume Parameter Stabilization</u>	Criteria: <u>Well Volume, Overnight</u>
Purging Method: <u>low flow</u>	<u>Recharge, Low Flow to</u>
Device Description: <u>Bladder pump</u>	<u>Parameter Stabilization</u>
Pump/Bailer Intake: _____	
Purge Water: <u>collected</u>	Field Measurements In: <u>Flow thru cell</u>
Stored In: <u>Drum</u>	

Time	Date	Depth to Water (ft BMP)	Purge Rate or Volume (GPM-Gal)	Field Measurements and Units						Comments
				Turbidity	MTP	MPH	MSC	MDO	ORP	
				NTU	°C		µg/cm	%	%	
1420	6/9/16	15.01	>500 gpm	380	15.13	7.35	.941	16.3	119	
1425	6/9/16	15.15	>500 gpm	381	14.86	7.21	.804	10.5	58	
1430	6/9/16	15.21	"	377	14.86	7.15	.784	10.0	59.1	
1435	6/9/16	15.23	"	382	14.86	7.09	.771	9.2	61.6	MW-06
1436										sampled 1436

Total Purge Time: 20 Min Total Purge Volume: 18.2+ Gal Recovery: Fast / Slow / V. Slow

Field Measurement Codes

MTP – Temperature (C)	MCL – Color	MDO – Dissolved Oxygen (mg/L)	MD1 – DTW in Well _____
MSC – Specific Conductance (mS/cm)	MPH – pH	MO1 – Other: _____	MD2 – DTW in Well _____
MPD – Photoionizer (e.g., HNu)	MEH – Eh	MO2 – Other: _____	MD3 – DTW in Well _____
MFD – Flame Ionizer (e.g. OVA)	MAL – Alkalinity	MO3 – Other: _____	MD4 – DTW in Well _____

Well Purging Form – May 2014 Sampling

Company: <u>Weston Solutions, Inc.</u>	Location ID: <u>MW-07 (MW-10 (D.ape))</u>
Client/Project: <u>U.S. EPA – Region 3</u>	Purge Date: <u>06/04/16</u>
Site/Area: <u>Boritt</u>	Sample Date/Time: <u>06/09/16 / 1107 (+ 1115 D.ape)</u>
Sampler: <u>(b) (4)</u>	Pump ID: <u>16252</u>
Signature: _____	

Other Co-Located Sample Info: _____

Well Observations

Well Diameter: <u>2" 4" 6" 8"</u>	Casing/Lid Condition: <u>Good</u>	Locked: <u>Y/N</u> Key: _____
Measuring Point: <u>TIC</u>	Vapor Readings: <u>0 ppm</u>	Units: <u>ft / °C / mg/cm / ng/L</u>
Checked for NAPL: _____	Observed NAPL: <u>No</u>	Sheen: <u>None</u>

Purge Calculations

(A) Depth to Well Bottom: <u>40.2</u> (ft)	Casing Factor (GPF for inches) = 0.041 (Well Diameter) ² (2" = 0.16; 4" = 0.65; 6" = 1.47; 8" = 2.61 GPF)
(B) Depth to Water: <u>6.49</u> (ft)	
(C) Sand Pack Length: _____ (ft)	
(D) Water Column Height (A-B): <u>33.71</u> (ft)	
(E) Casing Volume Factor: <u>0.16</u> (GPF)	
(F) Sand Pack Volume Factor: _____ (GPF)	
(G) Casing Volume (D x E): <u>5.39</u> (Gal)	(I) Total Well Volume (G + H): <u>5.39</u> (Gal)
(H) Sand Pack Volume (C x F): _____ (Gal)	(J) Volumes to be Purged: _____
	(K) Total Purge Volume (I x J): _____

Purging Information

Purging Endpoint: <u>Volume / Parameter Stabilization</u>	Criteria: <u>1- Well Volume, Overnight Recharge, Low Flow to Parameter Stabilization</u>
Purging Method: <u>Low Flow</u>	
Device Description: <u>Diaphragm Pump</u>	
Pump/Bailer Intake: <u>~ 39 feet</u>	
Purge Water: <u>Collected</u>	Field Measurements In: <u>Flow thru cell.</u>
Stored In: <u>Drum</u>	

Time	Date	Depth to Water (ft BMP)	Purge Rate or Volume (GPM-Gal) <small>ml/min</small>	Field Measurements and Units						Comments
				Turbidity	MTP	MPH	MSC	MDO	ORP	
				NTU	°C		mg/cm	mg/L	%	
1045	6/9	6.49	<500	21.1	14.11	7.34	0.722	17.7%	228	
1050	6/9	6.71	<500	13.1	13.79	6.94	0.728	1.41	244.0	
1055	6/9	6.65	<500	10.1	13.67	6.86	0.737	1.16	248.5	
1100	6/9	6.70	<500	8.5	13.71	6.82	0.742	0.95	251.7	
1105	6/9		<500	7.5	13.72	6.80	0.739	0.85	253.9	
1107	Sampled									

Total Purge Time: 20 Min Total Purge Volume: 2.5+ Gal Recovery: Fast / Slow / V. Slow

Field Measurement Codes

MTP – Temperature (C)	MCL – Color	MDO – Dissolved Oxygen (mg/L)	MD1 – DTW in Well _____
MSC – Specific Conductance (mS/cm)	MPH – pH	MO1 – Other: _____	MD2 – DTW in Well _____
MPD – Photoionizer (e.g., HNu)	MEH – Eh	MO2 – Other: _____	MD3 – DTW in Well _____
MFD – Flame Ionizer (e.g. OVA)	MAL – Alkalinity	MO3 – Other: _____	MD4 – DTW in Well _____

Well Purging Form – May 2014 Sampling

Company: <u>Weston Solutions, Inc.</u>	Location ID: <u>GT-7</u>
Client/Project: <u>U.S. EPA – Region 3</u>	Purge Date: <u>6/9/16</u>
Site/Area: <u>Bobit</u>	Sample
Sampler: _____	Date/Time: _____
Signature: _____	Pump ID: <u>N/A</u>

Other Co-Located Sample Info: _____

Well Observations

Well Diameter: <u>2" / 4" / 6" / 8" /</u>	Casing/Lid Condition: _____	Locked: <u>Y/N</u>	Key: _____
Measuring Point: _____	Vapor Readings: _____	Units: _____	_____
Checked for NAPL: _____	Observed NAPL: _____	Sheen: _____	_____

Purge Calculations

(A) Depth to Well Bottom: <u>26.9</u> (ft)	Casing Factor (GPF for inches) = 0.041 (Well Diameter) ² 2" = 0.16; 4" = 0.65; 6" = 1.47; 8" = 2.61 GPF
(B) Depth to Water: <u>21.49</u> (ft)	
(C) Sand Pack Length: _____ (ft)	<u>1" → Not sampled.</u>
(D) Water Column Height (A-B): _____ (ft)	
(E) Casing Volume Factor: _____ (GPF)	(I) Total Well Volume (G + H): _____ (Gal)
(F) Sand Pack Volume Factor: _____ (GPF)	(J) Volumes to be Purged: _____
(G) Casing Volume (D x E): _____ (Gal)	(K) Total Purge Volume (I X J): _____
(H) Sand Pack Volume (C X F): _____ (Gal)	

Purging Information

Purging Endpoint: <u>Volume / Parameter Stabilization</u>	Criteria: _____
Purging Method: _____	1+ Well Volume, Overnight
Device Description: _____	Recharge, Low Flow to
Pump/Bailer Intake: _____	Parameter Stabilization
Purge Water: _____	Field Measurements In: _____
Stored In: _____	

Time	Date	Depth to Water (ft BMP)	Purge Rate or Volume (GPM-Gal)	Field Measurements and Units						Comments
				Turbidity	MTP	MPH	MSC	MDO	ORP	
				NTU	°C		µg/cm	%	%	

Total Purge Time: _____ Min Total Purge Volume: _____ Gal Recovery: Fast / Slow / V. Slow

Field Measurement Codes

- | | | | |
|------------------------------------|------------------|-------------------------------|-------------------------|
| MTP – Temperature (C) | MCL – Color | MDO – Dissolved Oxygen (mg/L) | MD1 – DTW in Well _____ |
| MSC – Specific Conductance (mS/cm) | MPH – pH | MO1 – Other: _____ | MD2 – DTW in Well _____ |
| MPD – Photoionizer (e.g., HNu) | MEH – Eh | MO2 – Other: _____ | MD3 – DTW in Well _____ |
| MFD – Flame Ionizer (e.g. OVA) | MAL – Alkalinity | MO3 – Other: _____ | MD4 – DTW in Well _____ |

Well Purging Form – May 2014 Sampling

Company: <u>Weston Solutions, Inc.</u>	Location ID: <u>PKP2-02</u>
Client/Project: <u>U.S. EPA – Region 3</u>	Purge Date: <u>6/9/16</u>
Site/Area: _____	Sample _____
Sampler: _____	Date/Time: <u>N/A</u>
Signature: _____	Pump ID: <u>NOT SAMPLED</u>
Other Co-Located Sample Info: _____	

Well Observations

Well Diameter: <u>2" / 4" / 6" / 8"</u>	Casing/Lid Condition: _____	Locked: <u>Y / N</u>	Key: _____
Measuring Point: _____	Vapor Readings: _____	Units: _____	_____
Checked for NAPL: _____	Observed NAPL: _____	Sheen: _____	_____

Purge Calculations *unable to open cap.*

(A) Depth to Well Bottom: _____ (ft)	Casing Factor (GPF for inches) = 0.041 (Well Diameter) ² 2" = 0.16; 4" = 0.65; 6" = 1.47; 8" = 2.61 GPF
(B) Depth to Water: _____ (ft)	
(C) Sand Pack Length: _____ (ft)	
(D) Water Column Height (A-B): _____ (ft)	
(E) Casing Volume Factor: _____ (GPF)	(I) Total Well Volume (G + H): _____ (Gal)
(F) Sand Pack Volume Factor: _____ (GPF)	(J) Volumes to be Purged: _____
(G) Casing Volume (D x E): _____ (Gal)	(K) Total Purge Volume (I X J): _____
(H) Sand Pack Volume (C X F): _____ (Gal)	

Purging Information

Purging Endpoint: <u>Volume / Parameter Stabilization</u>	Criteria: _____
Purging Method: _____	1+ Well Volume, Overnight
Device Description: _____	Recharge, Low Flow to
Pump/Bailer Intake: _____	Parameter Stabilization
Purge Water: _____	Field Measurements In: _____
Stored In: _____	

Time	Date	Depth to Water (ft BMP)	Purge Rate or Volume (GPM-Gal)	Field Measurements and Units						Comments
				Turbidity	MTP	MPH	MSC	MDO	ORP	
				NTU	°C		µg/cm	%	%	

Total Purge Time: _____ Min Total Purge Volume: _____ Gal Recovery: Fast / Slow / V. Slow

Field Measurement Codes

MTP – Temperature (C)	MCL – Color	MDO – Dissolved Oxygen (mg/L)	MD1 – DTW in Well _____
MSC – Specific Conductance (mS/cm)	MPH – pH	MO1 – Other: _____	MD2 – DTW in Well _____
MPD – Photoionizer (e.g., HNu)	MEH – Eh	MO2 – Other: _____	MD3 – DTW in Well _____
MFD – Flame Ionizer (e.g. OVA)	MAL – Alkalinity	MO3 – Other: _____	MD4 – DTW in Well _____

BOART

0845. WILSONONSITE (b) (4) Davis (EPA)

0900. H/S Meeting

0908. Began 10 page pressure test with hose
29 gpm

South Well 500'; 25' casing, pump out 260'

* - strip with turnrows samples

North Well 136'

0920 samples S Well 3-VOC

0925. sampled effluent 3 VOC, location
of NPDES permit.

0945 Began pumping North well
of Booth 136' pump 100'

0955 collected N 10 well sample 3 VOC

Note: effluent sample collected from
standing water in a PVC pipe. There is
no sparge cover w/ the effluent sample.
Sample collected by dropping plastic
up down into pipe.

- well sample collected from sparge on
well system prior to holding tanks. No
filtration system associated w/ wells.

2100 . 0102

0900 Weston (b) (4) arrive onsite

H+S meeting

MW-07 0 VOC. sampled 1107 VOCs
1115 (duplicate) VOCs

MW-02 sampled 1241 for VOCs

PKP2-02 could not remove cap

MW-05 Sampled 1344 for VOCs

MW-06 Sampled 1436 for VOCs

MW-04 unlocatable

GT-7 water level recorded - unable to sample
1" diameter

MW-01A Sampled 1542 for VOCs

Drummed purge water onsite near
trailer - to be removed on later
date

1700 Weston depart site.

Samples shipped to lab 6-9

Rinse Blank: 11:55 over bladder pump

Todd G. Ries
General Manager

GESSNER
World Class Plastics Products

Gessner Products Co., Inc.
241 North Main St., P.O. Box 389
Ambler, PA 19002-0389
215/646-7667 • 800/674-7808 • Fax: 215/646-6222
E-mail: tries@gessnerproducts.com
Web site: www.gessnerproducts.com



ATTACHMENT A
ENVIRONMENTAL DATABASE REPORT

Ambler Groundwater VOC Plume

246 W. Maple Street
Ambler, PA 19002

Inquiry Number: 4626495.2s
May 23, 2016

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) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

246 W. MAPLE STREET
AMBLER, PA 19002

COORDINATES

Latitude (North):	40.1564850 - 40° 9' 23.34"
Longitude (West):	75.2290420 - 75° 13' 44.55"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	480493.2
UTM Y (Meters):	4444940.5
Elevation:	187 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5949512 AMBLER, PA
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20100704
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
246 W. MAPLE STREET
AMBLER, PA 19002

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Reg	BORIT ASBESTOS	6 MAPLE STREET	NPL, SEMS	Same	84, 0.016, SW
1	AMBLER GROUNDWATER V	264 W MAPLE STREET	SEMS	Higher	158, 0.030, NNW
A2	FLOWERS AUTO BODY	220 RAILROAD AVE	RCRA-SQG, NJ MANIFEST	Higher	517, 0.098, North
A3		220 RAILROAD AVE	EDR Hist Auto	Higher	517, 0.098, North
A4		250 RAILROAD AVE	EDR Hist Auto	Higher	517, 0.098, North
B5		218 N MAIN ST	EDR Hist Auto	Higher	604, 0.114, NE
B6		210 N MAIN ST	EDR Hist Auto	Higher	611, 0.116, NE
C7	ORSINI AUTO BODY INC	196 N MAIN ST	RCRA-CESQG, FINDS, NJ MANIFEST, ECHO	Higher	620, 0.117, ENE
C8	ORSINI AUTO BODY INC	196 N MAIN ST	PA MANIFEST	Higher	620, 0.117, ENE
C9		196 N MAIN ST	EDR Hist Auto	Higher	620, 0.117, ENE
C10	CAR CRAFT INC	198 N MAIN ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	621, 0.118, ENE
C11	MONTCO BUSINESS FORM	25 TENNIS AVE	RCRA-CESQG, FINDS, ECHO	Higher	713, 0.135, ENE
D12	AMBLER COAL	252 N MAIN ST	PA LUST, PA UST	Higher	757, 0.143, North
D13	ERNIES TIRES	260 N MAIN ST	PA LUST, PA ARCHIVE UST	Higher	846, 0.160, North
14	BO RIT ASBESTOS PILE	W MAPLE ST	PA SHWS	Higher	1112, 0.211, SE
15	PEDCO HILL INC	291 N MAIN ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	1147, 0.217, NNW
16	DALRYMPLE GRAVEL & C	CHEMUNG ST	SEMS-ARCHIVE	Lower	1153, 0.218, South
17	MONTGOMERTY CNTY DEP	SPRING GARDEN & FORE	PA UNREG LTANKS	Higher	1315, 0.249, East
18	ABC INSERT CO INC (L	155 N RIDGE AVE	SEMS-ARCHIVE	Higher	1320, 0.250, ENE
19	WEST GERMAN IMPORTS	125 W BUTLER AVE	PA LUST	Higher	1537, 0.291, SSE
E20	POTTSTOWN INDUSTRIES	MAPLE ST. & BUTLER P	SEMS-ARCHIVE	Higher	1593, 0.302, SE
E21	AMBLER BP	90 W BUTLER AVE	PA LUST, PA ARCHIVE UST	Higher	1642, 0.311, SE
F22	AMCHEM PRODUCTS INC	300 BROOKSIDE AVE	PA HIST LF, TSCA	Higher	1850, 0.350, NW
F23	HENKEL	300 BROOKSIDE AVE	PA AUL, PA VCP, PA ACT 2-DEED	Higher	1850, 0.350, NW
F24	BASF CORP	300 BROOKSIDE AVE	SEMS, CORRACTS, RCRA NonGen / NLR, 2020 COR...	Higher	1850, 0.350, NW
25	371 W BUTLER PIKE SH	371 W BUTLER PIKE	PA LUST, PA AUL	Lower	2144, 0.406, South
26	PARS MFG	109 S MAIN ST	PA UNREG LTANKS	Higher	2317, 0.439, SE
27	HOPEWELL CONST	107 ROSEMARY AVE	PA LUST	Higher	2473, 0.468, ESE
28	AMBLER ASBESTOS	MAPLE & LOCUST ST	PA SHWS	Higher	3339, 0.632, SSE
29	CHEMIGRAPHICS	152 MATHERS RD	PA SHWS	Higher	3466, 0.656, WNW

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

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

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

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 HSCA..... HSCA Remedial Sites Listing

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

PA SWF/LF..... Operating Facilities

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

PA LAST..... Storage Tank Release Sites
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

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

State and tribal institutional control / engineering control registries

PA ENG CONTROLS..... Engineering Controls Site Listing
PA INST CONTROL..... Institutional Controls Site Listing

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 Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
US CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

PA ARCHIVE AST..... Archived Aboveground Storage Tank Sites

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

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

EXECUTIVE SUMMARY

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
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
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
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 MINES.....	Mines Master Index File
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
PA AIRS.....	Permit and Emissions Inventory Data
PA DRYCLEANERS.....	Drycleaner Facility Locations
PA MINES.....	MINES
PA NPDES.....	NPDES Permit Listing
PA UIC.....	Underground Injection Wells
FUELS PROGRAM.....	EPA Fuels Program Registered Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner.....	EDR Exclusive Historic Dry Cleaners

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 NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 03/07/2016 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>BORIT ASBESTOS</i>	<i>6 MAPLE STREET</i>	<i>SW 0 - 1/8 (0.016 mi.)</i>	<i>0</i>	<i>8</i>

Federal CERCLIS list

SEMS: 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.

A review of the SEMS list, as provided by EDR, and dated 03/07/2016 has revealed that there are 3 SEMS 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>
<i>BORIT ASBESTOS</i>	<i>6 MAPLE STREET</i>	<i>SW 0 - 1/8 (0.016 mi.)</i>	<i>0</i>	<i>8</i>
<i>AMBLER GROUNDWATER V</i>	<i>264 W MAPLE STREET</i>	<i>NNW 0 - 1/8 (0.030 mi.)</i>	<i>1</i>	<i>13</i>
<i>BASF CORP</i>	<i>300 BROOKSIDE AVE</i>	<i>NW 1/4 - 1/2 (0.350 mi.)</i>	<i>F24</i>	<i>62</i>

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of

EXECUTIVE SUMMARY

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

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 03/07/2016 has revealed that there are 3 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ABC INSERT CO INC (L)	155 N RIDGE AVE	ENE 1/8 - 1/4 (0.250 mi.)	18	51
POTTSTOWN INDUSTRIES	MAPLE ST. & BUTLER P	SE 1/4 - 1/2 (0.302 mi.)	E20	52
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DALRYMPLE GRAVEL & C	CHEMUNG ST	S 1/8 - 1/4 (0.218 mi.)	16	50

Federal RCRA CORRACTS facilities list

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

A review of the CORRACTS list, as provided by EDR, and dated 12/09/2015 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BASF CORP	300 BROOKSIDE AVE	NW 1/4 - 1/2 (0.350 mi.)	F24	62

Federal RCRA generators list

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

A review of the RCRA-SQG list, as provided by EDR, and dated 12/09/2015 has revealed that there is 1 RCRA-SQG 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>
FLOWERS AUTO BODY	220 RAILROAD AVE	N 0 - 1/8 (0.098 mi.)	A2	13

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 12/09/2015 has revealed that there are 2 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>
ORSINI AUTO BODY INC	196 N MAIN ST	ENE 0 - 1/8 (0.117 mi.)	C7	22
MONTCO BUSINESS FORM	25 TENNIS AVE	ENE 1/8 - 1/4 (0.135 mi.)	C11	38

State- and tribal - equivalent NPL

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

A review of the PA SHWS list, as provided by EDR, and dated 01/20/2016 has revealed that there are 3 PA SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BO RIT ASBESTOS PILE Site Id: 594534 Facility Id: 618307	W MAPLE ST	SE 1/8 - 1/4 (0.211 mi.)	14	48
AMBLER ASBESTOS Site Id: 594533 Facility Id: 618306	MAPLE & LOCUST ST	SSE 1/2 - 1 (0.632 mi.)	28	111
CHEMIGRAPHICS Site Id: 508505 Facility Id: 618904	152 MATHERS RD	WNW 1/2 - 1 (0.656 mi.)	29	112

State and tribal leaking storage tank lists

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

A review of the PA LUST list, as provided by EDR, and dated 03/15/2016 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>
AMBLER COAL Facility Id: 603824	252 N MAIN ST	N 1/8 - 1/4 (0.143 mi.)	D12	40
ERNIES TIRES Facility Id: 605656	260 N MAIN ST	N 1/8 - 1/4 (0.160 mi.)	D13	46
WEST GERMAN IMPORTS	125 W BUTLER AVE	SSE 1/4 - 1/2 (0.291 mi.)	19	52

EXECUTIVE SUMMARY

Facility Id: 603779				
AMBLER BP	90 W BUTLER AVE	SE 1/4 - 1/2 (0.311 mi.)	E21	53
Facility Id: 606299				
Facility Id: 606094				
HOPEWELL CONST	107 ROSEMARY AVE	ESE 1/4 - 1/2 (0.468 mi.)	27	110
Facility Id: 606084				
Lower Elevation	Address	Direction / Distance	Map ID	Page
371 W BUTLER PIKE SH	371 W BUTLER PIKE	S 1/4 - 1/2 (0.406 mi.)	25	105
Facility Id: 605719				

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 2 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>
MONTGOMERTY CNTY DEP	SPRING GARDEN & FORE	E 1/8 - 1/4 (0.249 mi.)	17	51
PARS MFG	109 S MAIN ST	SE 1/4 - 1/2 (0.439 mi.)	26	110
Closed: 6/3/1994				

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 03/01/2016 has revealed that there is 1 PA UST 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>
AMBLER COAL	252 N MAIN ST	N 1/8 - 1/4 (0.143 mi.)	D12	40
Site ID: 583342				
Tank Status: Currently In Use				

State and tribal institutional control / engineering control registries

PA AUL: A listing of sites with environmental covenants.

A review of the PA AUL list, as provided by EDR, and dated 01/20/2016 has revealed that there are 2 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>
HENKEL	300 BROOKSIDE AVE	NW 1/4 - 1/2 (0.350 mi.)	F23	56
Facility Id: 603983				
Lower Elevation	Address	Direction / Distance	Map ID	Page
371 W BUTLER PIKE SH	371 W BUTLER PIKE	S 1/4 - 1/2 (0.406 mi.)	25	105

EXECUTIVE SUMMARY

Facility Id: 605719

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 01/12/2016 has revealed that there is 1 PA VCP 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>
HENKEL Activity ID: 618527	300 BROOKSIDE AVE	NW 1/4 - 1/2 (0.350 mi.)	F23	56

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

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

A review of the PA HIST LF list, as provided by EDR, and dated 01/04/2005 has revealed that there is 1 PA HIST LF 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>
AMCHEM PRODUCTS INC Facility Status: INACTIVE Site ID: 1-343	300 BROOKSIDE AVE	NW 1/4 - 1/2 (0.350 mi.)	F22	55

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 03/01/2016 has revealed that there is 1 PA ARCHIVE UST 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>
ERNIES TIRES Facility Id: 46-43537	260 N MAIN ST	N 1/8 - 1/4 (0.160 mi.)	D13	46

EXECUTIVE SUMMARY

Local Land Records

PA ACT 2-DEED: This listing pertains to sites where the Department has approved a cleanup requiring a deed acknowledgment under Act 2. This list includes sites remediated to a non-residential Statewide health standard (Section 303(g)); all sites demonstrating attainment of a Site-specific standard (Section 304(m)); and sites being remediated as a special industrial area (Section 305(g)). Persons who remediated a site to a standard that requires a deed acknowledgment shall comply with the requirements of the Solid Waste Management Act or the Hazardous Sites Cleanup Act, as referenced in Act 2. These statutes require a property description section in the deed concerning the hazardous substance disposal on the site. The location of disposed hazardous substances and a description of the type of hazardous substances disposed on the site shall be included in the deed acknowledgment. A deed acknowledgment is required at the time of conveyance of the property.

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>HENKEL</i>	<i>300 BROOKSIDE AVE</i>	<i>NW 1/4 - 1/2 (0.350 mi.)</i>	<i>F23</i>	<i>56</i>

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 12/09/2015 has revealed that there are 2 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>
<i>CAR CRAFT INC</i>	<i>198 N MAIN ST</i>	<i>ENE 0 - 1/8 (0.118 mi.)</i>	<i>C10</i>	<i>36</i>
<i>PEDCO HILL INC</i>	<i>291 N MAIN ST</i>	<i>NNW 1/8 - 1/4 (0.217 mi.)</i>	<i>15</i>	<i>49</i>

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 12/31/2014 has revealed that there is 1 PA MANIFEST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>ORSINI AUTO BODY INC</i> Generator EPA Id: PAR000028795	<i>196 N MAIN ST</i>	<i>ENE 0 - 1/8 (0.117 mi.)</i>	<i>C8</i>	<i>29</i>

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2014 has revealed that there are 2 NJ 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>
<i>FLOWERS AUTO BODY</i>	<i>220 RAILROAD AVE</i>	<i>N 0 - 1/8 (0.098 mi.)</i>	<i>A2</i>	<i>13</i>

EXECUTIVE SUMMARY

EPA Id: PAD987365707

ORSINI AUTO BODY INC

EPA Id: PAR000028795

196 N MAIN ST

ENE 0 - 1/8 (0.117 mi.)

C7

22

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>
Not reported	220 RAILROAD AVE	N 0 - 1/8 (0.098 mi.)	A3	20
Not reported	250 RAILROAD AVE	N 0 - 1/8 (0.098 mi.)	A4	20
Not reported	218 N MAIN ST	NE 0 - 1/8 (0.114 mi.)	B5	21
Not reported	210 N MAIN ST	NE 0 - 1/8 (0.116 mi.)	B6	21
Not reported	196 N MAIN ST	ENE 0 - 1/8 (0.117 mi.)	C9	35

EXECUTIVE SUMMARY

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

Site Name

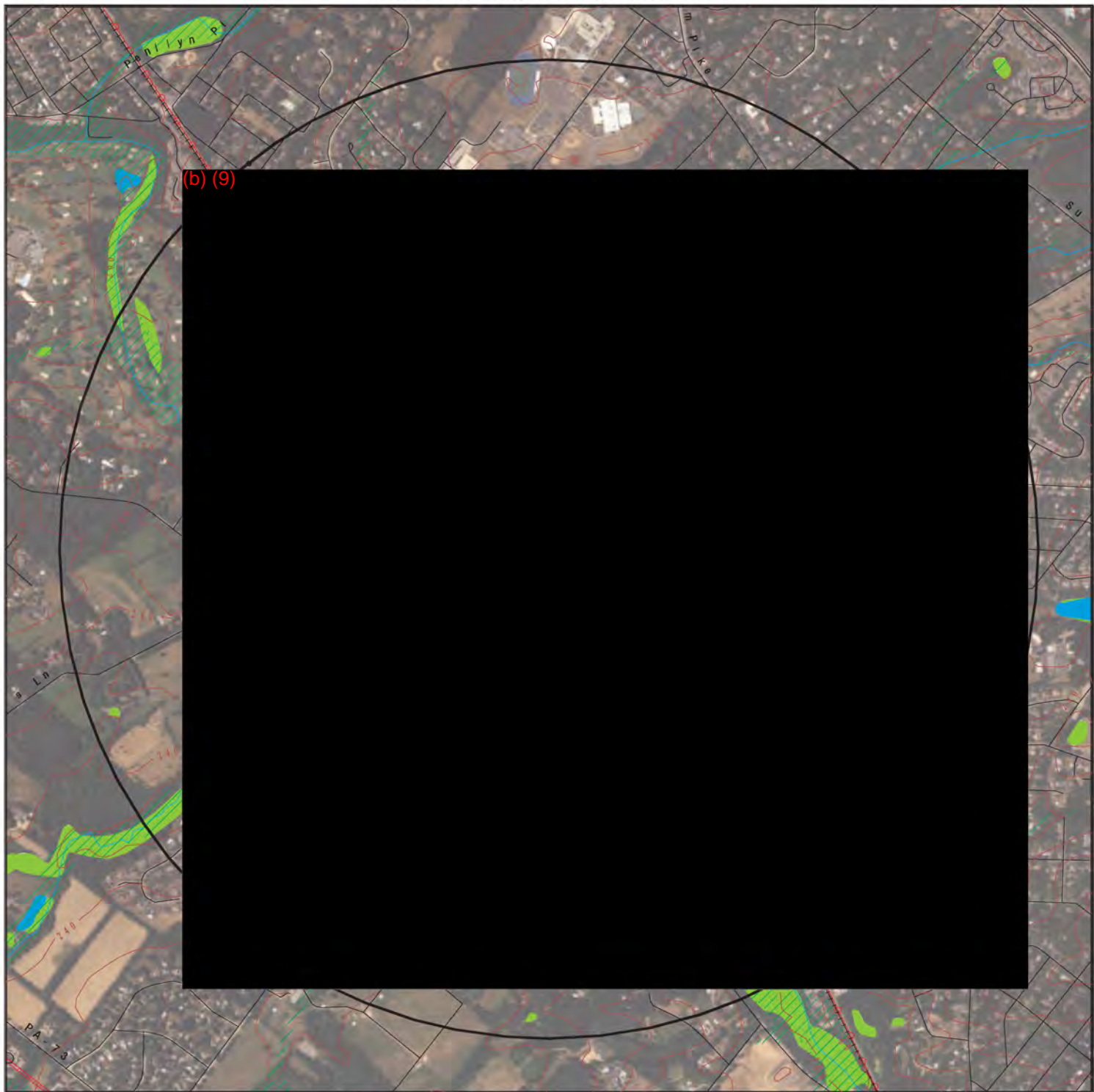
AMBLER ASBESTOS PILES

CHESTNUT PL
CROSSINGS AT AMBLER
NICOLET IND

Database(s)

Delisted NPL, SEMS, US ENG
CONTROLS, US INST CONTROL, ROD,
PRP, CONSENT
PA VCP
PA VCP
PA VCP

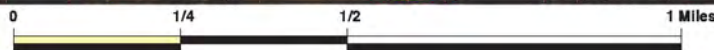
OVERVIEW MAP - 4626495.2S



(b) (9)

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

- Indian Reservations BIA
- ⚡ Power transmission lines
- ⚡ Pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory
- State Wetlands

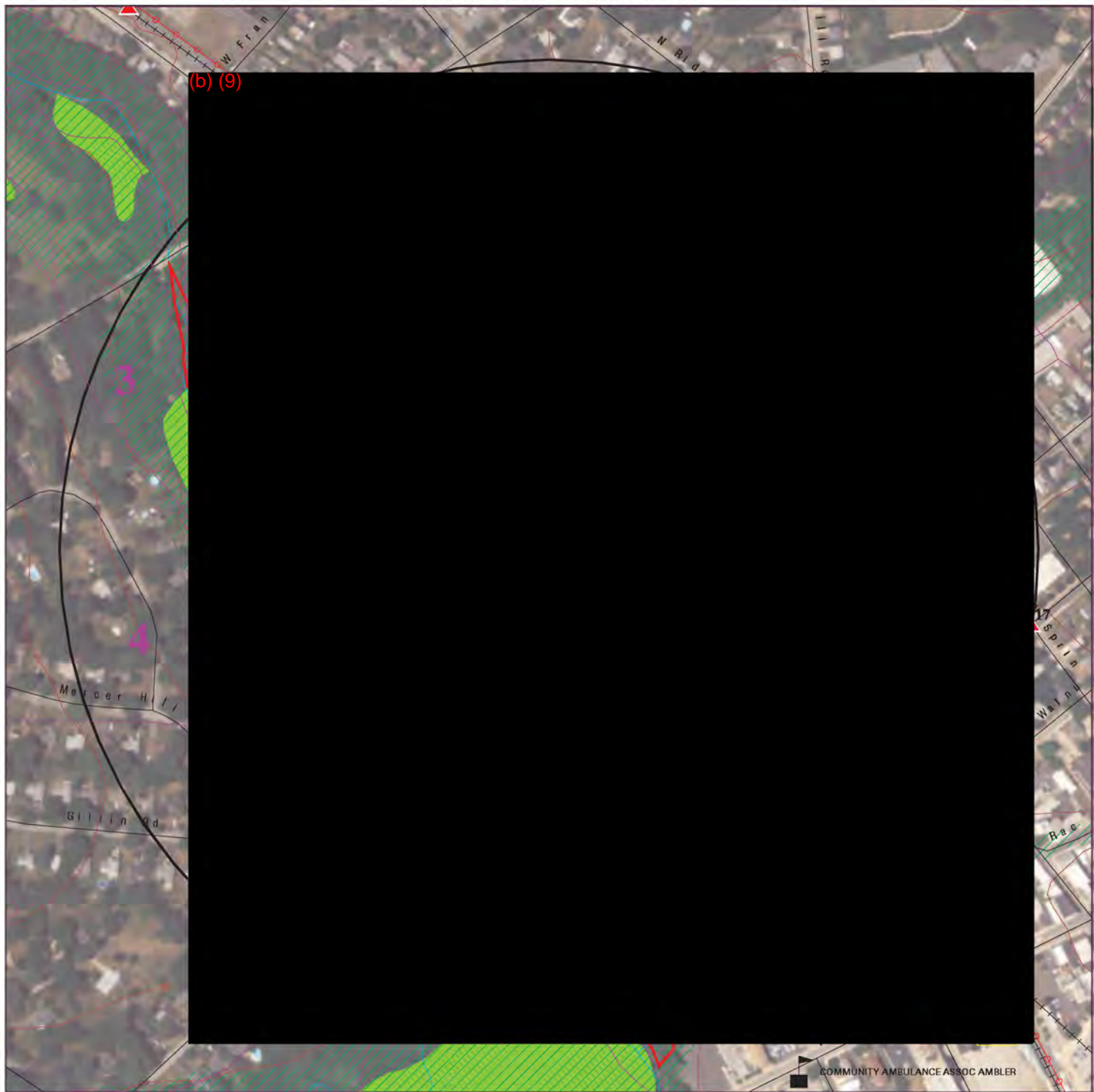


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Ambler Groundwater VOC Plume
 ADDRESS: 246 W. Maple Street
 Ambler PA 19002
 LAT/LONG: 40.156485 / 75.229042

CLIENT: Weston Solutions, Inc.
 CONTACT: (b) (4)
 INQUIRY #: 4626495.2S
 DATE: May 23, 2016 11:30 am

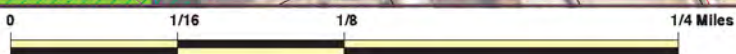
DETAIL MAP - 4626495.2S



(b) (9)

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

- ☒ Indian Reservations BIA
- ⚡ 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: Ambler Groundwater VOC Plume
 ADDRESS: 246 W. Maple Street
 Ambler PA 19002
 LAT/LONG: 40.156485 / 75.229042

CLIENT: Weston Solutions, Inc.
 CONTACT: (b) (4)
 INQUIRY #: 4626495.2S
 DATE: May 23, 2016 11:31 am

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		1	0	0	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		2	0	1	NR	NR	3
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	2	1	NR	NR	3
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	1	0	NR	1
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		1	0	NR	NR	NR	1
RCRA-CESQG	0.250		1	1	NR	NR	NR	2
<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	1	0	2	NR	3
PA HSCA	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
PA SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
PA LAST	0.500		0	0	0	NR	NR	0
PA LUST	0.500		0	2	4	NR	NR	6
INDIAN LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PA UNREG LTANKS	0.500		0	1	1	NR	NR	2
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
PA UST	0.250		0	1	NR	NR	NR	1
PA AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
PA ENG CONTROLS	0.500		0	0	0	NR	NR	0
PA INST CONTROL	0.500		0	0	0	NR	NR	0
PA AUL	0.500		0	0	2	NR	NR	2
State and tribal voluntary cleanup sites								
PA VCP	0.500		0	0	1	NR	NR	1
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	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
PA HIST LF	0.500		0	0	1	NR	NR	1
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	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		0	1	NR	NR	NR	1
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	1	NR	NR	1
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
PA SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	1	NR	NR	NR	2

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
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
FINDS	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
PA AIRS	TP		NR	NR	NR	NR	NR	0
PA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
PA MANIFEST	0.250		1	0	NR	NR	NR	1
NJ MANIFEST	0.250		2	0	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
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
ECHO	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
EDR Hist Auto	0.125		5	NR	NR	NR	NR	5
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

PA RGA HWS	TP		NR	NR	NR	NR	NR	0
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MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
PA RGA LF	TP		NR	NR	NR	NR	NR	0
PA RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals -		0	14	10	13	2	0	39

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NPL
Region
SW
< 1/8
84 ft.

BORIT ASBESTOS
6 MAPLE STREET
AMBLER, PA 19002

NPL 1003006437
SEMS PAD981034887

NPL:

EPA ID: PAD981034887
Cerclis ID: 301842
EPA Region: 3
Federal: N
Final Date: 2009-04-09 00:00:00
Site Score: 50
Latitude: 40.153334999999998
Longitude: -75.228611000000001

SEMS:

Site ID: 301842
EPA ID: PAD981034887
Federal Facility: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

Following information was gathered from the prior CERCLIS update completed in 10/2013:

Site ID: 0301842
EPA ID: PAD981034887
Facility County: MONTGOMERY
Short Name: BORIT ASBESTOS
Congressional District: 13
IFMS ID: A3EN
SMSA Number: 6160
USGC Hydro Unit: 02040203
Federal Facility: Not a Federal Facility
DMNSN Number: 0.00000
Site Orphan Flag: N
RCRA ID: Not reported
USGS Quadrangle: Not reported
Site Init By Prog: Not reported
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 03
Classification: Not reported
Site Settings Code: Not reported
NPL Status: Currently on the Final NPL
DMNSN Unit Code: Not reported
RBRAC Code: Not reported
RResp Fed Agency Code: Not reported
Non NPL Status: Not reported
Non NPL Status Date: / /
Site Fips Code: 42091
CC Concurrence Date: / /
CC Concurrence FY: Not reported
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BORIT ASBESTOS (Continued)

1003006437

Contact ID: 3275506.00000
Contact Name: EDUARDO ROVIRA
Contact Tel: (215) 814-3436
Contact Title: On-Scene Coordinator (OSC)
Contact Email: Not reported

Contact ID: 3275678.00000
Contact Name: CHARLENE CREAMER
Contact Tel: (215) 814-2145
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 3270504.00000
Contact Name: JILL LOWE
Contact Tel: (215) 814-3123
Contact Title: Remedial Project Manager (RPM)
Contact Email: Not reported

Contact ID: 3275731.00000
Contact Name: RUTH WUENSCHERL
Contact Tel: (215) 814-5540
Contact Title: Community Involvement Coordinator
Contact Email: Not reported

CERCLIS Site Alias Name(s):

Alias ID: 101
Alias Name: BORIT ASBESTOS TAILINGS PILE
Alias Address: 6 MAPLE STREET
AMBLER, PA 19002

Alias ID: 102
Alias Name: BORIT ASBESTOS TAILINGS PILE
Alias Address: 6 MAPLE STREET
AMBLER, PA 19002

Alias Comments: Not reported

Site Description: ASBESTOS WASTE PILE MOSTLY COVERED BY VEGETATION. STATE ISSUED NESHAP VIOLATION IN JULY 1984.

CERCLIS Assessment History:

Action Code: 001
Action: DISCOVERY
Date Started: / /
Date Completed: 02/01/85
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: 04/27/87
Date Completed: 07/14/87
Priority Level: Low priority for further assessment

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BORIT ASBESTOS (Continued)

1003006437

Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: SITE INSPECTION
Date Started: 04/29/88
Date Completed: 09/02/88
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ARCHIVE SITE
Date Started: / /
Date Completed: 09/02/88
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA In-House
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: SITE UNARCHIVED
Date Started: / /
Date Completed: 08/19/05
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA In-House
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMOVAL ASSESSMENT
Date Started: 04/03/06
Date Completed: 08/15/06
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BORIT ASBESTOS (Continued)

1003006437

Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ISSUE REQUEST LETTERS (104E)
Date Started: / /
Date Completed: 09/21/06
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: SITE REASSESSMENT
Date Started: 12/12/05
Date Completed: 09/24/07
Priority Level: Higher priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: / /
Date Completed: 09/03/08
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: HAZARD RANKING SYSTEM PACKAGE
Date Started: 09/24/07
Date Completed: 09/15/08
Priority Level: Being considered for proposal to the NPL
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BORIT ASBESTOS (Continued)

1003006437

Action: NON-NATIONAL PRIORITIES LIST POTENTIALLY RESPONSIBLE PARTY SEARCH
Date Started: 09/26/06
Date Completed: 04/09/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: / /
Date Completed: 04/09/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ADMINISTRATIVE RECORDS
Date Started: / /
Date Completed: 07/15/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started: 04/09/09
Date Completed: 03/29/10
Priority Level: Search Complete, No Viable PRPs
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMOVAL
Date Started: 08/15/06
Date Completed: / /
Priority Level: Stabilized
Operable Unit: SITEWIDE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BORIT ASBESTOS (Continued)

1003006437

Primary Responsibility: EPA Fund-Financed
 Planning Status: Primary
 Urgency Indicator: Emergency
 Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
 Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
 Date Started: 02/13/09
 Date Completed: / /
 Priority Level: Not reported
 Operable Unit: SOIL
 Primary Responsibility: EPA Fund-Financed
 Planning Status: Not reported
 Urgency Indicator: Not reported
 Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Federal Register Details:

Fed Register Date: 04/09/09
 Fed Register Volume: 74
 Page Number: 16126

Fed Register Date: 09/03/08
 Fed Register Volume: 73
 Page Number: 51393

[Click this hyperlink](#) while viewing on your computer to access
 1808 additional US CERCLIS Financial: record(s) in the EDR Site Report.

1
NNW
 < 1/8
 0.030 mi.
 158 ft.

AMBLER GROUNDWATER VOC PLUME
264 W MAPLE STREET
AMBLER, PA 19002

SEMS 1018149243
PAN000303846

Relative:
Higher

SEMS:
 Site ID: 303846
 EPA ID: PAN000303846
 Federal Facility: N
 NPL: Not on the NPL
 Non NPL Status: PA Ongoing

Actual:
187 ft.

A2
North
 < 1/8
 0.098 mi.
 517 ft.

FLOWERS AUTO BODY
220 RAILROAD AVE
AMBLER, PA 19002
Site 1 of 3 in cluster A

RCRA-SQG 1000571992
NJ MANIFEST PAD987365707

Relative:
Higher

RCRA-SQG:
 Date form received by agency: 10/29/2007
 Facility name: FLOWERS AUTO BODY
 Facility address: 220 RAILROAD AVE
 AMBLER, PA 19002
 EPA ID: PAD987365707

Actual:
198 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLOWERS AUTO BODY (Continued)

1000571992

Contact: Not reported
Contact address: Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 03
Land type: Other land type
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

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 02/05/1992
Site name: FLOWERS AUTO BODY
Classification: 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLOWERS AUTO BODY (Continued)

1000571992

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.

Facility Has Received Notices of Violations:

Regulation violated: FR - 40 CFR 262.34(e)
Area of violation: Generators - General
Date violation determined: 12/01/2004
Date achieved compliance: 12/16/2004
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: FR - 262.34(a)(3)
Area of violation: Generators - General
Date violation determined: 12/01/2004
Date achieved compliance: 12/16/2004
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: SR - SEC. 261.5(g)(1)
Area of violation: Generators - General
Date violation determined: 08/13/1992
Date achieved compliance: 09/29/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/03/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - SEC 265.173(a)
Area of violation: Generators - General
Date violation determined: 08/06/1992
Date achieved compliance: 08/06/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/03/1992
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

FLOWERS AUTO BODY (Continued)

1000571992

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

Evaluation Action Summary:

Evaluation date: 12/16/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/16/2004
Evaluation lead agency: State

Evaluation date: 12/01/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/16/2004
Evaluation lead agency: State

Evaluation date: 08/08/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/29/1992
Evaluation lead agency: State

Evaluation date: 08/08/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/06/1992
Evaluation lead agency: State

NJ MANIFEST:

EPA Id: PAD987365707
Mail Address: 220 RAILROAD AVE
Mail City/State/Zip: AMBLER 19002
Facility Phone: 2156530890
Emergency Phone: Not reported
Contact: KEVIN FLOWERS
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: 000456389VES
EPA ID: PAD987365707
Date Shipped: 5/4/2011
TSD EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD071629976
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLOWERS AUTO BODY (Continued)

1000571992

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: AMBLER 19002
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: F003
Hand Code: H061
Quantity: 400.00 Pounds

Manifest Number: 000156214VES
EPA ID: PAD987365707
Date Shipped: 12/17/2007
TSDf EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD002454544
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: 12/17/2007
Date Trans2 Transported Waste: 12/20/2007
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLOWERS AUTO BODY (Continued)

1000571992

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: 12/20/2007
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
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: AMBLER 19002
Reason Load Was Rejected: Not reported

Manifest Number: 000370431VES
EPA ID: PAD987365707
Date Shipped: 04/23/2009
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: 04/23/2009
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: 04/30/2009
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLOWERS AUTO BODY (Continued)

1000571992

Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: AMBLER 19002
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: F003
Hand Code: H061
Quantity: 400 P

Manifest Number: NJA4132068
EPA ID: PAD987365707
Date Shipped: 12/15/2004
TSDf EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
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: 12/15/2004
Date Trans2 Transported Waste: 12/20/2004
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: 12/20/2004
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: 02030521
Was Load Rejected: AMBLER 19002
Reason Load Was Rejected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A3
North
< 1/8
0.098 mi.
517 ft.

**220 RAILROAD AVE
AMBLER, PA 19002**

Site 2 of 3 in cluster A

**EDR Hist Auto 1015332576
N/A**

**Relative:
Higher**

EDR Historical Auto Stations:

Name: FLOWERS AUTO BODY FAX
Year: 1999
Address: 220 RAILROAD AVE

Name: FLOWERS AUTO BODY FAX
Year: 2000
Address: 220 RAILROAD AVE

Name: FLOWERS AUTO BODY
Year: 2001
Address: 220 RAILROAD AVE

Name: FLOWERS AUTO BODY
Year: 2002
Address: 220 RAILROAD AVE

Name: FLOWERS AUTO BODY
Year: 2010
Address: 220 RAILROAD AVE

Name: FLOWERS AUTO BODY
Year: 2011
Address: 220 RAILROAD AVE

Name: FLOWERS AUTO BODY
Year: 2012
Address: 220 RAILROAD AVE

A4
North
< 1/8
0.098 mi.
517 ft.

**250 RAILROAD AVE
AMBLER, PA 19002**

Site 3 of 3 in cluster A

**EDR Hist Auto 1015362611
N/A**

**Relative:
Higher**

EDR Historical Auto Stations:

Name: TOTAL PERFORMANCE AUTOMOTIVE
Year: 2008
Address: 250 RAILROAD AVE

Name: TOTAL PERFORMANCE AUTOMOTIVE
Year: 2009
Address: 250 RAILROAD AVE

Name: TOTAL PERFORMANCE AUTOMOTIVE
Year: 2011
Address: 250 RAILROAD AVE

Name: TOTAL PERFORMANCE AUTOMOTIVE
Year: 2012
Address: 250 RAILROAD AVE

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

B5
NE
< 1/8
0.114 mi.
604 ft.

218 N MAIN ST
AMBLER, PA 19002

Site 1 of 2 in cluster B

EDR Hist Auto 1015330334
N/A

Relative:
Higher

EDR Historical Auto Stations:

Name: TOTAL PERFORMANCE AUTOMOTIVE
Year: 2004
Address: 218 N MAIN ST

Actual:
196 ft.

Name: TOTAL PERFORMANCE AUTOMOTIVE
Year: 2005
Address: 218 N MAIN ST

Name: TOTAL PERFORMANCE AUTOMOTIVE
Year: 2006
Address: 218 N MAIN ST

Name: TOTAL PERFORMANCE AUTOMOTIVE
Year: 2007
Address: 218 N MAIN ST

B6
NE
< 1/8
0.116 mi.
611 ft.

210 N MAIN ST
AMBLER, PA 19002

Site 2 of 2 in cluster B

EDR Hist Auto 1015319276
N/A

Relative:
Higher

EDR Historical Auto Stations:

Name: FOX ROBERT GERMAN AUTO SERVICE
Year: 1999
Address: 210 N MAIN ST

Actual:
193 ft.

Name: FOX ROBERT GERMAN AUTO SERVICE
Year: 2000
Address: 210 N MAIN ST

Name: FOX ROBERT GERMAN AUTO SERVICE
Year: 2001
Address: 210 N MAIN ST

Name: FOX ROBERT GERMAN AUTO SERVICE
Year: 2002
Address: 210 N MAIN ST

Name: ROBERT FOX GERMAN CAR SERVICE
Year: 2004
Address: 210 N MAIN ST

Name: ROBERT FOX GERMAN CAR SERVICE
Year: 2005
Address: 210 N MAIN ST

Name: ROBERT FOX GERMAN CAR SERVICE
Year: 2006
Address: 210 N MAIN ST

Name: ROBERT FOX GERMAN CAR SERVICE
Year: 2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015319276

Address: 210 N MAIN ST
Name: ROBERT FOX GERMAN CAR SERVICE
Year: 2009
Address: 210 N MAIN ST
Name: ROBERT FOX GERMAN AUTO SVC
Year: 2010
Address: 210 N MAIN ST
Name: FOX ROBERT GERMAN AUTO SERVICE
Year: 2012
Address: 210 N MAIN ST

C7
ENE
< 1/8
0.117 mi.
620 ft.

ORSINI AUTO BODY INC
196 N MAIN ST
AMBLER, PA 19002
Site 1 of 5 in cluster C

RCRA-CESQG 1004777461
FINDS PAR000028795
NJ MANIFEST
ECHO

Relative:
Higher

RCRA-CESQG:

Date form received by agency: 06/01/2015

Facility name: ORSINI AUTO BODY INC

Facility address: 196 N MAIN ST
AMBLER, PA 19002

EPA ID: PAR000028795

Contact: Not reported

Contact address: Not reported

Contact city: Not reported

Contact country: Not reported

Contact telephone: Not reported

Contact email: Not reported

EPA Region: 03

Land type: Other land type

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

Actual:
193 ft.

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORSINI AUTO BODY INC (Continued)

1004777461

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

Waste code: D001
Waste name: IGNITABLE WASTE

Waste code: D035
Waste name: METHYL ETHYL KETONE

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

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

Historical Generators:

Date form received by agency: 12/17/2009
Site name: ORSINI AUTO BODY INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/03/1997
Site name: ORSINI AUTO BODY INC
Classification: Conditionally Exempt Small Quantity Generator

Waste code: D001
Waste name: IGNITABLE WASTE

Waste code: D035
Waste name: METHYL ETHYL KETONE

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

ORSINI AUTO BODY INC (Continued)

1004777461

NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005

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

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 12/16/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110001001692

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.

Registry ID: 110060036205

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.

NJ MANIFEST:

EPA Id: PAR000028795
Mail Address: 196 N MAIN ST
Mail City/State/Zip: AMBLER 19002
Facility Phone: 2156465884
Emergency Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORSINI AUTO BODY INC (Continued)

1004777461

Contact: ORSINI RICH
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: 000360993VES
EPA ID: PAR000028795
Date Shipped: 10/25/2011
TSD EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD071629976
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 TSD Received Waste: Not reported
TSD 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: AMBLER 19002
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: F003
Hand Code: H061

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORSINI AUTO BODY INC (Continued)

1004777461

Quantity: 400.00 Pounds

Manifest Number: 000729352VES
EPA ID: PAR000028795
Date Shipped: 9/11/2013
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
Generator EPA Facility Name: ORSINI AUTO BODY INC
Transporter-1 EPA Facility Name: VEOLIA ES TECHNICAL SOLUTIONS CORP
TSDf EPA Facility Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
QTY Units: Pounds
Transporter SEQ ID: Not reported
Transporter-1 Date: 9/11/2013
Waste SEQ ID: 1.00
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: 9/13/2013
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: AMBLER 19002
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: 2013 New Jersey Manifest Data
Waste Code: F003 D001 F005 D035
Hand Code: Not reported
Quantity: 400.00 Pounds

Manifest Number: 000156463VES
EPA ID: PAR000028795
Date Shipped: 12/17/2007
TSDf EPA ID: NJD002454544
Transporter EPA ID: NJD080631369

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORSINI AUTO BODY INC (Continued)

1004777461

Transporter 2 EPA ID: NJD002454544
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: 12/17/2007
Date Trans2 Transported Waste: 12/20/2007
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: 12/20/2007
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
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: AMBLER 19002
Reason Load Was Rejected: Not reported

Manifest Number: 000321661VES
EPA ID: PAR000028795
Date Shipped: 09/16/2009
TSDf EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD071629976
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: 09/16/2009
Date Trans2 Transported Waste: 09/23/2009
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORSINI AUTO BODY INC (Continued)

1004777461

Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 09/23/2009
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: AMBLER 19002
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: F003
Hand Code: H061
Quantity: 400 P

Manifest Number: NJA5269028
EPA ID: PAR000028795
Date Shipped: 09/26/2005
TSDf EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
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: 09/26/2005
Date Trans2 Transported Waste: 10/05/2005
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: 10/05/2005
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORSINI AUTO BODY INC (Continued)

1004777461

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: 12060525
Was Load Rejected: AMBLER 19002
Reason Load Was Rejected: Not reported

ECHO:

Envid: 1004777461
Registry ID: 110060036205
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110060036205

Envid: 1004777461
Registry ID: 110001001692
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110001001692

C8
ENE
< 1/8
0.117 mi.
620 ft.

ORSINI AUTO BODY INC
196 N MAIN ST
AMBLER, PA 19002
Site 2 of 5 in cluster C

PA MANIFEST S111431869
N/A

Relative:
Higher

Manifest Details:

Year: 2013
Manifest Number: 000729352VES
Manifest Type: TSD Copy
Generator EPA Id: PAR000028795
Generator Date: 09/11/2013
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-646-5884
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: Metal drums, barrels, kegs
Waste Quantity: 400
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: NJD002454544
Date TSP Sig: Not reported

Actual:
193 ft.

Year: 2013
Manifest Number: 000729352VES

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORSINI AUTO BODY INC (Continued)

S111431869

Manifest Type: TSD Copy
Generator EPA Id: PAR000028795
Generator Date: 09/11/2013
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-646-5884
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: Metal drums, barrels, kegs
Waste Quantity: 400
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: NJD002454544
Date TSP Sig: Not reported

Year: 2013
Manifest Number: 000729352VES
Manifest Type: TSD Copy
Generator EPA Id: PAR000028795
Generator Date: 09/11/2013
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-646-5884
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: Metal drums, barrels, kegs
Waste Quantity: 400
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: NJD002454544
Date TSP Sig: Not reported

Year: 2013
Manifest Number: 000729352VES
Manifest Type: TSD Copy
Generator EPA Id: PAR000028795
Generator Date: 09/11/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORSINI AUTO BODY INC (Continued)

S111431869

Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-646-5884
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: Metal drums, barrels, kegs
Waste Quantity: 400
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: NJD002454544
Date TSP Sig: Not reported

Year: 2011
Manifest Number: 000360993VES
Manifest Type: TSD Copy
Generator EPA Id: PAR000028795
Generator Date: 10/25/2011
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-646-5884
TSD EPA Id: NJD002454544
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: Metal drums, barrels, kegs
Waste Quantity: 400
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2011
Manifest Number: 000360993VES
Manifest Type: TSD Copy
Generator EPA Id: PAR000028795
Generator Date: 10/25/2011
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORSINI AUTO BODY INC (Continued)

S111431869

Contact Phone: 215-646-5884
TSD EPA Id: NJD002454544
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: Metal drums, barrels, kegs
Waste Quantity: 400
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2011
Manifest Number: 000360993VES
Manifest Type: TSD Copy
Generator EPA Id: PAR000028795
Generator Date: 10/25/2011
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-646-5884
TSD EPA Id: NJD002454544
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: Metal drums, barrels, kegs
Waste Quantity: 400
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2011
Manifest Number: 000360993VES
Manifest Type: TSD Copy
Generator EPA Id: PAR000028795
Generator Date: 10/25/2011
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-646-5884
TSD EPA Id: NJD002454544
TSD Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORSINI AUTO BODY INC (Continued)

S111431869

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: Metal drums, barrels, kegs
Waste Quantity: 400
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2009
Manifest Number: 000321661VES
Manifest Type: TSD Copy
Generator EPA Id: PAR000028795
Generator Date: 09/16/2009
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-646-5884
TSD EPA Id: NJD002454544
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: Metal drums, barrels, kegs
Waste Quantity: 400
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2009
Manifest Number: 000321661VES
Manifest Type: TSD Copy
Generator EPA Id: PAR000028795
Generator Date: 09/16/2009
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-646-5884
TSD EPA Id: NJD002454544
TSD Date: Not reported
TSD Facility Name: VEOLIA ES TECHNICAL SOLUTIONS
TSD Facility Address: 125 FACTORY LN
TSD Facility City: MIDDLESEX

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORSINI AUTO BODY INC (Continued)

S111431869

TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D001
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 400
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2009
Manifest Number: 000321661VES
Manifest Type: TSD Copy
Generator EPA Id: PAR000028795
Generator Date: 09/16/2009
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-646-5884
TSD EPA Id: NJD002454544
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: Metal drums, barrels, kegs
Waste Quantity: 400
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2009
Manifest Number: 000321661VES
Manifest Type: TSD Copy
Generator EPA Id: PAR000028795
Generator Date: 09/16/2009
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-646-5884
TSD EPA Id: NJD002454544
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORSINI AUTO BODY INC (Continued)

S111431869

Line Number: 1
Waste Number: F003
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 400
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

C9
ENE
< 1/8
0.117 mi.
620 ft.

196 N MAIN ST
AMBLER, PA 19002
Site 3 of 5 in cluster C

EDR Hist Auto 1015296423
N/A

Relative:
Higher

EDR Historical Auto Stations:

Actual:
193 ft.

Name: ORSINIS AUTO SERVICE INCORPORATED
Year: 1999
Address: 196 N MAIN ST

Name: ORSINIS AUTO SERVICE INCORPORATED
Year: 2000
Address: 196 N MAIN ST

Name: ORSINIS AUTO SERVICE INC
Year: 2001
Address: 196 N MAIN ST

Name: ORSINIS AUTO SERVICE INC
Year: 2002
Address: 196 N MAIN ST

Name: ORSINIS AUTO SERVICE INC
Year: 2003
Address: 196 N MAIN ST

Name: ORSINIS AUTO SERVICE INC
Year: 2004
Address: 196 N MAIN ST

Name: ORSINIS AUTO SERVICE INC
Year: 2005
Address: 196 N MAIN ST

Name: ORSINI AUTO REPAIRS INC
Year: 2006
Address: 196 N MAIN ST

Name: ORSINI AUTO REPAIRS INC
Year: 2007
Address: 196 N MAIN ST

Name: ORSINI AUTO REPAIRS INC
Year: 2008
Address: 196 N MAIN ST

Name: ORSINI AUTO REPAIRS INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015296423

Year: 2009
Address: 196 N MAIN ST

Name: ORSINIS AUTO SVC
Year: 2010
Address: 196 N MAIN ST

Name: ORSINIS AUTO SERVICE INC
Year: 2011
Address: 196 N MAIN ST

Name: ORSINIS AUTO REPAIR INC
Year: 2012
Address: 196 N MAIN ST

C10
ENE
< 1/8
0.118 mi.
621 ft.

CAR CRAFT INC
198 N MAIN ST
AMBLER, PA 19002
Site 4 of 5 in cluster C

RCRA NonGen / NLR
FINDS
ECHO

1000571457
PAD987360054

Relative:
Higher

RCRA NonGen / NLR:

Actual:
193 ft.

Date form received by agency: 01/12/2010
Facility name: CAR CRAFT INC
Facility address: 198 N MAIN ST
AMBLER, PA 19002
EPA ID: PAD987360054
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 03
Land type: Other land type
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: BELKIS BESGUR
Owner/operator address: OWNST
OWNCTY, PA 66666
Owner/operator country: Not reported
Owner/operator telephone: (666) 666-6666
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAR CRAFT INC (Continued)

1000571457

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: 12/11/1991
Site name: CAR CRAFT INC
Classification: 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

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

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 12/16/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110004863309

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAR CRAFT INC (Continued)

1000571457

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.

ECHO:

Envid: 1000571457
Registry ID: 110004863309
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110004863309

C11
ENE
1/8-1/4
0.135 mi.
713 ft.

MONTCO BUSINESS FORMS
25 TENNIS AVE
AMBLER, PA 19002
Site 5 of 5 in cluster C

RCRA-CESQG **1004777369**
FINDS **PAR000026997**
ECHO

Relative:
Higher

RCRA-CESQG:

Date form received by agency: 01/13/1997
Facility name: MONTCO BUSINESS FORMS
Facility address: 25 TENNIS AVE
AMBLER, PA 19002
EPA ID: PAR000026997
Contact: BK PANCHANI
Contact address: 25 TENNIS AVE
AMBLER, PA 19002
Contact country: US
Contact telephone: (215) 643-0300
Contact email: Not reported
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

Actual:
194 ft.

Owner/Operator Summary:

Owner/operator name: PANCHANI BK
Owner/operator address: 25 TENNIS AVE
AMBLER, PA 19002
Owner/operator country: Not reported
Owner/operator telephone: (215) 643-0300
Legal status: Private
Owner/Operator Type: Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONTCO BUSINESS FORMS (Continued)

1004777369

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

Handler Activities Summary:

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

Waste code: D011
Waste name: SILVER

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 07/23/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110001002290

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.

ECHO:

Envid: 1004777369
Registry ID: 110001002290
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110001002290

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

D12 **AMBLER COAL**
North **252 N MAIN ST**
1/8-1/4 **AMBLER, PA 19002**
0.143 mi.
757 ft. **Site 1 of 2 in cluster D**

PA LUST **U000459446**
PA UST **N/A**

Relative:
Higher

LUST:

Actual:
202 ft.

Region: EP SE Rgnl Off Norristown
 Municipality: Ambler Boro
 Facility Id: 603824
 Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
 Status Date: 01/08/2002
 Confirmed Date: 08/05/1989
 Program Other Id: 46-05337
 Client: AMBLER COAL CO INC
 Incident Id: 2844
 Incident Desc: AMBLER COAL CO
 Suspect Date: Not reported
 Source Of Notification: Not reported
 Release Discovered: Not reported
 Source Cause Of Release: Not reported
 Tank: Not reported
 Impact Desc: Soil
 Substance: Diesel Fuel
 CAS RN: Not reported
 Chemical: Not reported
 Comments: Not reported
 Horizontal Ref Datum: Not reported
 Altitude Datum: Not reported
 Latitude: Not reported
 Longitude: Not reported

Region: EP SE Rgnl Off Norristown
 Municipality: Ambler Boro
 Facility Id: 603824
 Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
 Status Date: 01/08/2002
 Confirmed Date: 08/05/1989
 Program Other Id: 46-05337
 Client: AMBLER COAL CO INC
 Incident Id: 2844
 Incident Desc: AMBLER COAL CO
 Suspect Date: Not reported
 Source Of Notification: Not reported
 Release Discovered: Not reported
 Source Cause Of Release: Not reported
 Tank: Not reported
 Impact Desc: Soil
 Substance: Gasoline
 CAS RN: Not reported
 Chemical: Not reported
 Comments: Not reported
 Horizontal Ref Datum: Not reported
 Altitude Datum: Not reported
 Latitude: Not reported
 Longitude: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMBLER COAL (Continued)

U000459446

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 603824
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 01/08/2002
Confirmed Date: 08/05/1989
Program Other Id: 46-05337
Client: AMBLER COAL CO INC
Incident Id: 2844
Incident Desc: AMBLER COAL CO
Suspect Date: Not reported
Source Of Notification: Not reported
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Soil
Substance: Kerosene
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 603824
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 01/08/2002
Confirmed Date: 08/05/1989
Program Other Id: 46-05337
Client: AMBLER COAL CO INC
Incident Id: 2844
Incident Desc: AMBLER COAL CO
Suspect Date: Not reported
Source Of Notification: Not reported
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Soil
Substance: Unleaded Gasoline
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 603824
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

AMBLER COAL (Continued)

U000459446

Status Date: 01/14/2008
Confirmed Date: 06/14/2005
Program Other Id: 46-05337
Client: AMBLER COAL CO INC
Incident Id: 35312
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: Fuel Oil No 2
CAS RN: 71-43-2
Chemical: BENZENE
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 603824
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 01/14/2008
Confirmed Date: 06/14/2005
Program Other Id: 46-05337
Client: AMBLER COAL CO INC
Incident Id: 35312
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: Fuel Oil No 2
CAS RN: 98-82-8
Chemical: CUMENE
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 603824
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 01/14/2008
Confirmed Date: 06/14/2005
Program Other Id: 46-05337
Client: AMBLER COAL CO INC
Incident Id: 35312

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMBLER COAL (Continued)

U000459446

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: Fuel Oil No 2
CAS RN: 100-41-4
Chemical: ETHYL BENZENE
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 603824
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 01/14/2008
Confirmed Date: 06/14/2005
Program Other Id: 46-05337
Client: AMBLER COAL CO INC
Incident Id: 35312
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: Fuel Oil No 2
CAS RN: 86-73-7
Chemical: FLUORENE
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 603824
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 01/14/2008
Confirmed Date: 06/14/2005
Program Other Id: 46-05337
Client: AMBLER COAL CO INC
Incident Id: 35312
Incident Desc: NOC
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: VISOD
Source Cause Of Release: UNDTD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMBLER COAL (Continued)

U000459446

Tank: Not reported
Impact Desc: Soil
Substance: Fuel Oil No 2
CAS RN: 91-20-3
Chemical: NAPHTHALENE
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 603824
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 01/14/2008
Confirmed Date: 06/14/2005
Program Other Id: 46-05337
Client: AMBLER COAL CO INC
Incident Id: 35312
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: Fuel Oil No 2
CAS RN: 85-01-8
Chemical: PHENANTHRENE
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 603824
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 01/14/2008
Confirmed Date: 06/14/2005
Program Other Id: 46-05337
Client: AMBLER COAL CO INC
Incident Id: 35312
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: Fuel Oil No 2
CAS RN: 108-88-3
Chemical: TOLUENE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMBLER COAL (Continued)

U000459446

Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

UST:

Site ID: 583342
Other Id: 46-05337
Client Id Number: 187268
Municipality Name: Ambler
Region: EP SE Rgnl Off Norristown
Mailing Name: AMBLER COAL CO INC
Mailing Address: PO BOX 724
Mailing Address 2: Not reported
Mailing City,St,Zip: AMBLER, PA 19002-0724
Registration Expiration Date: 02/04/2017

Tank Seq No: 001
Tank Status: **Currently In Use**
Capacity: 20000
Substance: HO2
Date Installed: 07/01/1950
Tank Code: UST
Inspection Code: Facility Operation Inspection
Tank Last Dt Inspected: 07/31/2014
Decode for Tstatus: Currently In Use
Decode for Substance: Not reported

Tank Seq No: 002
Tank Status: **Currently In Use**
Capacity: 20000
Substance: Heating Oil
Date Installed: 08/01/1954
Tank Code: UST
Inspection Code: Facility Operation Inspection
Tank Last Dt Inspected: 07/31/2014
Decode for Tstatus: Currently In Use
Decode for Substance: Heating Oil

Tank Seq No: 003
Tank Status: **Currently In Use**
Capacity: 20000
Substance: HO2
Date Installed: 09/01/1967
Tank Code: UST
Inspection Code: Facility Operation Inspection
Tank Last Dt Inspected: 07/31/2014
Decode for Tstatus: Currently In Use
Decode for Substance: Not reported

Tank Seq No: 004
Tank Status: **Currently In Use**
Capacity: 13000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMBLER COAL (Continued)

U000459446

Substance: HO2
Date Installed: 09/01/1967
Tank Code: UST
Inspection Code: Facility Operation Inspection
Tank Last Dt Inspected: 07/31/2014
Decode for Tstatus: Currently In Use
Decode for Substance: Not reported

Tank Seq No: 009
Tank Status: Currently In Use
Capacity: 7000
Substance: Kerosene
Date Installed: 09/01/1976
Tank Code: UST
Inspection Code: Facility Operation Inspection
Tank Last Dt Inspected: 07/31/2014
Decode for Tstatus: Currently In Use
Decode for Substance: Kerosene

Tank Seq No: 010
Tank Status: Currently In Use
Capacity: 500
Substance: Gasoline
Date Installed: 04/27/2002
Tank Code: UST
Inspection Code: Facility Operation Inspection
Tank Last Dt Inspected: 07/31/2014
Decode for Tstatus: Currently In Use
Decode for Substance: Gasoline

Tank Seq No: 011
Tank Status: Currently In Use
Capacity: 1500
Substance: Diesel Fuel
Date Installed: 04/27/2002
Tank Code: UST
Inspection Code: Facility Operation Inspection
Tank Last Dt Inspected: 07/31/2014
Decode for Tstatus: Currently In Use
Decode for Substance: Diesel Fuel

D13
North
1/8-1/4
0.160 mi.
846 ft.

ERNIES TIRES
260 N MAIN ST
AMBLER, PA 19002
Site 2 of 2 in cluster D

PA LUST S111110096
PA ARCHIVE UST N/A

Relative:
Higher

LUST:

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 605656
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 02/25/1997
Confirmed Date: 12/16/1996

Actual:
205 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ERNIES TIRES (Continued)

S111110096

Program Other Id: 46-43537
Client: ERNIES TIRE SVC INC
Incident Id: 2836
Incident Desc: 46-43537 ERNIES TIRE
Suspect Date: Not reported
Source Of Notification: INSTL
Release Discovered: CLOS
Source Cause Of Release: INFNP
Tank: Not reported
Impact Desc: Soil
Substance: Unleaded Gasoline
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 605656
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 02/25/1997
Confirmed Date: 12/16/1996
Program Other Id: 46-43537
Client: ERNIES TIRE SVC INC
Incident Id: 2836
Incident Desc: 46-43537 ERNIES TIRE
Suspect Date: Not reported
Source Of Notification: INSTL
Release Discovered: CLOS
Source Cause Of Release: INFNP
Tank: Not reported
Impact Desc: Soil
Substance: Used Motor Oil
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

ARCHIVE UST:

Facility Id: 46-43537
Site ID: Not reported
Municipality: Not reported
Client Date: Not reported
Owner Id: 17623
Owner Name: ERNIES TIRE SVC INC
Owner Address: 260 N MAIN ST
Owner Address 2: Not reported
Owner City,St,Zip: AMBLER, PA 19002
Owner Phone: 2156464569
Owner County Code: 46

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ERNIES TIRES (Continued)

S111110096

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: 90591
Status: Not reported
Status Code End Date: Not reported
Capacity: 550
Substance: GASOLINE
Tank Substance End Date: Not reported
Install Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported

14
SE
1/8-1/4
0.211 mi.
1112 ft.

**BO RIT ASBESTOS PILES
W MAPLE ST
AMBLER, PA 19002**

PA SHWS S115911205
N/A

Relative:
Higher

SHWS:

Actual:
194 ft.

Region: EP SE Rgnl Off Norristown
Facility Id: 618307
Municipality: Ambler Boro
Site: BO RIT ASBESTOS PILES
Site Id: 594534
Program Other Id: 1-46-810-4548
HOR Ref Datum: WGS84
Client Id: Not reported
Client Owner: Not reported
Initiation Id: 37871
Initiation Type: CERCLA
Notice Date: Not reported
List Date: 04/08/2009
Delist Date: Not reported
Activity Id: 39200
Media Id: 734312
Media Name: BO RIT ASBESTOS PILES-SOIL
Media Type: Soil Media
Substance Code: Not reported
Substance: Not reported
CASRN: Not reported
Chemical: Not reported
Address Remarks: Not reported
Response Name: Not reported
Response Action: CRD - CERCLA Remedial Design
Start Date: 05/19/2008
Finish Date: Not reported
RJD Date: Not reported
Altitude Datum: Not reported
Latitude: 40.1542
Longitude: -75.2264

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

15
NNW
1/8-1/4
0.217 mi.
1147 ft.

PEDCO HILL INC
291 N MAIN ST
AMBLER, PA 19002

RCRA NonGen / NLR
FINDS
ECHO

1001125431
PAR000256214

Relative:
Higher

RCRA NonGen / NLR:

Actual:
210 ft.

Date form received by agency: 12/09/2004
Facility name: PEDCO HILL INC
Facility address: 291 N MAIN ST
AMBLER, PA 19002
EPA ID: PAR000256214
Mailing address: PO BOX 89
AMBLER, PA 19002
Contact: NEWTON HILL
Contact address: 291 N MAIN ST
AMBLER, PA 19002
Contact country: US
Contact telephone: (215) 646-7974
Contact email: Not reported
EPA Region: 03
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: PEDCO HILL INC
Owner/operator address: PO BOX 89
AMBLER, PA 19002
Owner/operator country: Not reported
Owner/operator telephone: (215) 646-7974
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
Waste name: CADMIUM
Waste code: D008
Waste name: LEAD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEDCO HILL INC (Continued)

1001125431

Historical Generators:

Date form received by agency: 11/13/1996
Site name: PEDCO HILL INC
Classification: Small Quantity Generator

Waste code: D006
Waste name: CADMIUM

Waste code: D008
Waste name: LEAD

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 07/01/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110004886598

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.

ECHO:

Envid: 1001125431
Registry ID: 110004886598
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110004886598

16
South
1/8-1/4
0.218 mi.
1153 ft.

DALRYMPLE GRAVEL & CONTRACTING CO INC
CHEMUNG ST
ATHENS TWP, PA 18810

SEMS-ARCHIVE 1003006440
PAD981035223

Relative:
Lower

SEMS-ARCHIVE:
Site ID: 301859
EPA ID: PAD981035223
Federal Facility: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Actual:
177 ft.

Following information was gathered from the prior CERCLIS update completed in 10/2013:
Site ID: 0301859
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DALRYMPLE GRAVEL & CONTRACTING CO INC (Continued)

1003006440

CERCLIS-NFRAP Assessment History:

Action: PRELIMINARY ASSESSMENT
Date Started: 06/11/87
Date Completed: 06/11/87
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 06/11/87
Priority Level: Not reported

Action: DISCOVERY
Date Started: / /
Date Completed: 03/29/85
Priority Level: Not reported

17
East
1/8-1/4
0.249 mi.
1315 ft.

MONTGOMERTY CNTY DEPT OF PUBLIC PRO
SPRING GARDEN & FOREST AVE
AMBLER BORO, PA

PA UNREG LTANKS

S105919250
N/A

Relative:
Higher

UNREG LTANKS:

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

Actual:
219 ft.

18
ENE
1/8-1/4
0.250 mi.
1320 ft.

ABC INSERT CO INC (LAGOON)
155 N RIDGE AVE
AMBLER, PA 19002

SEMS-ARCHIVE

1003865399
PAD981033277

Relative:
Higher

SEMS-ARCHIVE:

Site ID: 301743
EPA ID: PAD981033277
Federal Facility: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Actual:
197 ft.

Following information was gathered from the prior CERCLIS update completed in 10/2013:

Site ID: 0301743
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: / /
Date Completed: 03/01/85
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: / /

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ABC INSERT CO INC (LAGOON) (Continued)

1003865399

Date Completed: 08/13/87
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 08/13/87
Date Completed: 08/13/87
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

19
SSE
1/4-1/2
0.291 mi.
1537 ft.

WEST GERMAN IMPORTS
125 W BUTLER AVE
AMBLER, PA 19002

PA LUST S101476930
N/A

Relative:
Higher

LUST:

Actual:
191 ft.

Region: EP SE Rgnl Off Norristown
Municipality: Abington Twp
Facility Id: 603779
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: **Cleanup Completed**
Status Date: 01/18/1996
Confirmed Date: 08/05/1989
Program Other Id: 46-03102
Client: CARMEN G FINORE
Incident Id: 2849
Incident Desc: WEST GERMAN IMPORTS
Suspect Date: Not reported
Source Of Notification: Not reported
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Ground Water
Substance: Unleaded Gasoline
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

E20
SE
1/4-1/2
0.302 mi.
1593 ft.

POTTSTOWN INDUSTRIES COMPLEX
MAPLE ST. & BUTLER PIKE
POTTSTOWN, PA 19002

SEMS-ARCHIVE 1003867010
PAD987347531

Site 1 of 2 in cluster E

Relative:
Higher

SEMS-ARCHIVE:

Actual:
193 ft.

Site ID: 304535
EPA ID: PAD987347531
Federal Facility: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Following information was gathered from the prior CERCLIS update completed in 10/2013:
Site ID: 0304535

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POTTSTOWN INDUSTRIES COMPLEX (Continued)

1003867010

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

Program Priority:
Description: RCRA Deferral Audit
Description: RCRA Deferral - New Decision

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: / /
Date Completed: 10/15/91
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 03/02/92
Date Completed: 04/16/92
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 01/23/96
Priority Level: Not reported

E21 **AMBLER BP**
SE **90 W BUTLER AVE**
1/4-1/2 **AMBLER, PA 19002**
0.311 mi.
1642 ft. **Site 2 of 2 in cluster E**

PA LUST **S111111401**
PA ARCHIVE UST **N/A**

Relative:
Higher

LUST:

Actual:
195 ft.

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 606299
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 01/25/2007
Confirmed Date: 08/05/1989
Program Other Id: 46-46404
Client: AMBLER STA LLC
Incident Id: 2832
Incident Desc: AMOCO SVC STA 12194
Suspect Date: Not reported
Source Of Notification: Not reported
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Ground Water
Substance: Not reported
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMBLER BP (Continued)

S111111401

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 606094
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 09/18/2006
Confirmed Date: 07/23/1993
Program Other Id: 46-45518
Client: HERMAN ICOVETTI
Incident Id: 2830
Incident Desc: HERMAN IACOVETTI
Suspect Date: Not reported
Source Of Notification: Not reported
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Soil
Substance: Unleaded Gasoline
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 606094
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 09/18/2006
Confirmed Date: 12/11/1996
Program Other Id: 46-45518
Client: HERMAN ICOVETTI
Incident Id: 2831
Incident Desc: HI TECH SVC CTR
Suspect Date: Not reported
Source Of Notification: Not reported
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Soil
Substance: Unleaded Gasoline
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

ARCHIVE UST:

Facility Id: 46-45518
Site ID: Not reported
Municipality: Not reported
Client Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMBLER BP (Continued)

S111111401

Owner Id: 29694
Owner Name: HERMAN IACOVETTI
Owner Address: PO BOX 715
Owner Address 2: Not reported
Owner City,St,Zip: AMBLER, PA 19002-0715
Owner Phone: 2156434033
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: 119434
Status: Not reported
Status Code End Date: Not reported
Capacity: 8000
Substance: GASOLINE
Tank Substance End Date: Not reported
Install Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported

Tank Sequence #: 002
Tank Id: 119435
Status: Not reported
Status Code End Date: Not reported
Capacity: 8000
Substance: GASOLINE
Tank Substance End Date: Not reported
Install Date: Not reported
Tank Code: Not reported
Inspection Code: Not reported
Last Inspection: Not reported

F22
NW
1/4-1/2
0.350 mi.
1850 ft.

AMCHEM PRODUCTS INC
300 BROOKSIDE AVE
AMBLER, PA 19002
Site 1 of 3 in cluster F

PA HIST LF 1005925814
TSCA N/A

Relative:
Higher

HIST LF INVENTORY:
Site ID: 1-343
Inspect Date: 08/10/00
Facility Status: INACTIVE
Facility Type: Not reported

Actual:
201 ft.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F23 **HENKEL**
NW **300 BROOKSIDE AVE**
1/4-1/2 **AMBLER, PA 19002**
0.350 mi.
1850 ft. **Site 2 of 3 in cluster F**

PA AUL **S109590450**
PA VCP **N/A**
PA ACT 2-DEED

Relative:
Higher

AUL:

Actual:
201 ft.

Facility Id: 603983
Primary Facility Type: Storage Tank Locator
Latitude: 40 9' 45"
Longitude: -75 14' 4.92"
Region: Southeast Region
Client Id: 25897
Client Name: COGNIS CORP
Incident Id / Name Description: ;
Remediation Id: Not reported
Remediation Received Date: Not reported
Address: 300 BROOKSIDE AVE AMBLER, PA 19002
AUL Code: ENVIRONMENTAL COVENANT
Received Date: 04/23/2009
Action Date: 06/23/2011
Action: DEP SIGNED
Recorded Date: 07/11/2011
Terminated Date: Not reported
Amended Date: Not reported
Activity Use Limitation Code: GWPRO
Activity Use Limitation Desc: GROUNDWATER USE PROHIBITED
Aul Comment: Not reported
Internal Use EDR Field: DETAIL AS OF JANUARY 2013

VCP:

Cleanup Records:

Municipality: Lower Gwynedd Twp
Region: Southeast Region
Category Desc: Other Organics
Type: Site In Progress
LRP Acct: 48555
Remediation: Statewide Health Standard
Activity: Not reported
Date Approved: Not reported
Date Received: 10/21/2015
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: Not reported
Longitude: Not reported

Municipality: Lower Gwynedd Twp
Region: Southeast Region
Category Desc: Pesticides
Type: Complete Sites
LRP Acct: 40104
Remediation: Statewide Health Standard
Activity: YES
Date Approved: 09/29/2015
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENKEL (Continued)

S109590450

Media: Soil
Latitude: Not reported
Longitude: Not reported

Municipality: Lower Gwynedd Twp
Region: Southeast Region
Category Desc: Not reported
Type: Site In Progress
LRP Acct: 48778
Remediation: Site-Specific Standard
Activity: Not reported
Date Approved: Not reported
Date Received: 10/21/2015
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: Not reported
Longitude: Not reported

Municipality: Lower Gwynedd Twp
Region: Southeast Region
Category Desc: Other Organics
Type: Complete Sites
LRP Acct: 36308
Remediation: Statewide Health Standard
Activity: YES
Date Approved: 05/03/2006
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: Not reported
Longitude: Not reported

Municipality: Lower Gwynedd Twp
Region: Southeast Region
Category Desc: PCB
Type: Complete Sites
LRP Acct: 36308
Remediation: Statewide Health Standard
Activity: YES
Date Approved: 05/03/2006
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: Not reported
Longitude: Not reported

Municipality: Lower Gwynedd Twp
Region: Southeast Region
Category Desc: Lead
Type: Complete Sites
LRP Acct: 40103
Remediation: Site-Specific Standard
Activity: YES
Date Approved: 06/18/2015

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENKEL (Continued)

S109590450

Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Groundwater
Latitude: Not reported
Longitude: Not reported

Municipality: Lower Gwynedd Twp
Region: Southeast Region
Category Desc: Lead
Type: Complete Sites
LRP Acct: 40103
Remediation: Site-Specific Standard
Activity: YES
Date Approved: 06/18/2015
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: Not reported
Longitude: Not reported

Municipality: Lower Gwynedd Twp
Region: Southeast Region
Category Desc: Other Organics
Type: Complete Sites
LRP Acct: 40103
Remediation: Site-Specific Standard
Activity: YES
Date Approved: 06/18/2015
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Groundwater
Latitude: Not reported
Longitude: Not reported

Municipality: Lower Gwynedd Twp
Region: Southeast Region
Category Desc: Other Organics
Type: Complete Sites
LRP Acct: 40103
Remediation: Site-Specific Standard
Activity: YES
Date Approved: 06/18/2015
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: Not reported
Longitude: Not reported

Municipality: Lower Gwynedd Twp
Region: Southeast Region
Category Desc: PCB
Type: Complete Sites
LRP Acct: 40103

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENKEL (Continued)

S109590450

Remediation: Site-Specific Standard
Activity: YES
Date Approved: 06/18/2015
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Groundwater
Latitude: Not reported
Longitude: Not reported

Municipality: Lower Gwynedd Twp
Region: Southeast Region
Category Desc: PCB
Type: Complete Sites
LRP Acct: 40103
Remediation: Site-Specific Standard
Activity: YES
Date Approved: 06/18/2015
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: Not reported
Longitude: Not reported

Municipality: Lower Gwynedd Twp
Region: Southeast Region
Category Desc: Pesticides
Type: Complete Sites
LRP Acct: 40103
Remediation: Site-Specific Standard
Activity: YES
Date Approved: 06/18/2015
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Groundwater
Latitude: Not reported
Longitude: Not reported

Municipality: Lower Gwynedd Twp
Region: Southeast Region
Category Desc: Pesticides
Type: Complete Sites
LRP Acct: 40103
Remediation: Site-Specific Standard
Activity: YES
Date Approved: 06/18/2015
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: Not reported
Longitude: Not reported

Municipality: Lower Gwynedd Twp
Region: Southeast Region

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENKEL (Continued)

S109590450

Category Desc: Lead
Type: Complete Sites
LRP Acct: 40104
Remediation: Statewide Health Standard
Activity: YES
Date Approved: 09/29/2015
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Groundwater
Latitude: Not reported
Longitude: Not reported

Municipality: Lower Gwynedd Twp
Region: Southeast Region
Category Desc: Lead
Type: Complete Sites
LRP Acct: 40104
Remediation: Statewide Health Standard
Activity: YES
Date Approved: 09/29/2015
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: Not reported
Longitude: Not reported

Municipality: Lower Gwynedd Twp
Region: Southeast Region
Category Desc: Other Organics
Type: Complete Sites
LRP Acct: 40104
Remediation: Statewide Health Standard
Activity: YES
Date Approved: 09/29/2015
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Groundwater
Latitude: Not reported
Longitude: Not reported

Municipality: Lower Gwynedd Twp
Region: Southeast Region
Category Desc: Other Organics
Type: Complete Sites
LRP Acct: 40104
Remediation: Statewide Health Standard
Activity: YES
Date Approved: 09/29/2015
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: Not reported
Longitude: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENKEL (Continued)

S109590450

Municipality: Lower Gwynedd Twp
Region: Southeast Region
Category Desc: PCB
Type: Complete Sites
LRP Acct: 40104
Remediation: Statewide Health Standard
Activity: YES
Date Approved: 09/29/2015
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Groundwater
Latitude: Not reported
Longitude: Not reported

Municipality: Lower Gwynedd Twp
Region: Southeast Region
Category Desc: PCB
Type: Complete Sites
LRP Acct: 40104
Remediation: Statewide Health Standard
Activity: YES
Date Approved: 09/29/2015
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: Not reported
Longitude: Not reported

Municipality: Lower Gwynedd Twp
Region: Southeast Region
Category Desc: Pesticides
Type: Complete Sites
LRP Acct: 40104
Remediation: Statewide Health Standard
Activity: YES
Date Approved: 09/29/2015
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Groundwater
Latitude: Not reported
Longitude: Not reported

Activity:
Activity ID: 618527, 618527, 618527, 618527, 618527, 618527, 618527, 618527,
618527, 618527, 618527, 618527, 618527, 618527, 618527, 618527,
618527, 618527, 618527, 618527, 618527,

Municipality: Lower Gwynedd Twp
Region: Southeast Region
Category Desc: Other Organics
Type: Site In Progress
LRP Acct: 48556
Remediation: Site-Specific Standard
Activity: Not reported
Date Approved: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENKEL (Continued)

S109590450

Date Received: 10/21/2015
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: Not reported
Longitude: Not reported

ACT 2-DEED:

Region: 4100
Municipality: Lower Gwynedd
Site Size: Not reported
Cleanup Standard: Statewide Health
Cleanup Indicator: Not reported
Response Date: 5/3/2006
Category Description: Chlorinated Solvents, Inorganics, Lead
Land Designation Code: Not reported

F24 **BASF CORP**
NW **300 BROOKSIDE AVE**
1/4-1/2 **AMBLER, PA 19002**
0.350 mi.
1850 ft. **Site 3 of 3 in cluster F**

Relative:
Higher

Actual:
201 ft.

SEMS **1000240405**
CORRACTS **PAD002348324**
RCRA NonGen / NLR
2020 COR ACTION
TSCA
PRP
FTTS
HIST FTTS
US AIRS
PA MANIFEST

SEMS:

Site ID: 300592
EPA ID: PAD002348324
Federal Facility: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Following information was gathered from the prior CERCLIS update completed in 10/2013:

Site ID: 0300592
EPA ID: PAD002348324
Facility County: MONTGOMERY
Short Name: AMCHEM PROD INC
Congressional District: 13
IFMS ID: 03A6
SMSA Number: 0
USGC Hydro Unit: 02040203
Federal Facility: Not a Federal Facility
DMNSN Number: 0.00000
Site Orphan Flag: N
RCRA ID: Not reported
USGS Quadrangle: Not reported
Site Init By Prog: Not reported
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 03
Classification: Not reported
Site Settings Code: Not reported
NPL Status: Not on the NPL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

DMNSN Unit Code: Not reported
RBRAC Code: Not reported
RResp Fed Agency Code: Not reported
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information
Non NPL Status Date: 09/05/00
Site Fips Code: 42091
CC Concurrence Date: / /
CC Concurrence FY: Not reported
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 3000174.00000
Contact Name: MIKHAL SHABAZZ
Contact Tel: (215) 814-3281
Contact Title: On-Scene Coordinator (OSC)
Contact Email: Not reported

Contact ID: 3000078.00000
Contact Name: JEFFREY A DODD
Contact Tel: (304) 234-0254
Contact Title: On-Scene Coordinator (OSC)
Contact Email: Not reported

Contact ID: 3275678.00000
Contact Name: CHARLENE CREAMER
Contact Tel: (215) 814-2145
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Alias Comments: Not reported
Site Description: C495 ER ACTIVE STATUS-REMOVAL ONGOING UNDER (C) ORDER DT 7/29/85

CERCLIS Assessment History:

Action Code: 001
Action: DISCOVERY
Date Started: / /
Date Completed: 11/01/79
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 12/01/80
Priority Level: Low priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: SITE INSPECTION
Date Started: 07/01/83
Date Completed: 08/01/83
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 06/30/84
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Alternate
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 09/12/84
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Alternate
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: NON-NATIONAL PRIORITIES LIST POTENTIALLY RESPONSIBLE PARTY SEARCH
Date Started: 11/15/84
Date Completed: 11/15/84
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Alternate
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Action Code: 003
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 07/29/85
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Alternate
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 08/19/86
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Alternate
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMOVAL NEGOTIATIONS
Date Started: 06/30/84
Date Completed: 08/26/86
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Alternate
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: NON-NATIONAL PRIORITIES LIST POTENTIALLY RESPONSIBLE PARTY SEARCH
Date Started: 03/20/90
Date Completed: 03/21/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMOVAL
Date Started: 08/26/86
Date Completed: 01/22/99

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Priority Level: Stabilized
Operable Unit: SITEWIDE
Primary Responsibility: Responsible Party
Planning Status: Alternate
Urgency Indicator: Time Critical
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: CONSENT AGREEMENT (ADMINISTRATIVE)
Date Started: / /
Date Completed: 08/28/02
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

[Click this hyperlink](#) while viewing on your computer to access
12 additional US CERCLIS Financial record(s) in the EDR Site Report.

CORRACTS:

EPA ID: PAD002348324
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 19911201
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium
corrective action priority
NAICS Code(s): 551114
Corporate, Subsidiary, and Regional Managing Offices
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD002348324
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 19870911
Action: CA050 - RFA Completed
NAICS Code(s): 551114
Corporate, Subsidiary, and Regional Managing Offices
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD002348324
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20131113
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes,
Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 551114
Corporate, Subsidiary, and Regional Managing Offices

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD002348324
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20070623
Action: CA100 - RFI Imposition
NAICS Code(s): 551114
Corporate, Subsidiary, and Regional Managing Offices

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD002348324
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20041025
Action: CA750IN - Migration of Contaminated Groundwater under Control, More information is needed to make a determination
NAICS Code(s): 551114
Corporate, Subsidiary, and Regional Managing Offices

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: PAD002348324
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 20041025
Action: CA725IN - Current Human Exposures Under Control, More information is needed to make a determination
NAICS Code(s): 551114
Corporate, Subsidiary, and Regional Managing Offices

Original schedule date: Not reported
Schedule end date: Not reported

RCRA NonGen / NLR:

Date form received by agency: 05/15/2014
Facility name: BASF CORP
Facility address: 300 BROOKSIDE AVE
AMBLER, PA 19002-3436
EPA ID: PAD002348324
Contact: EDWARD VANYO
Contact address: 300 BROOKSIDE AVE
AMBLER, PA 19002-3436
Contact country: US
Contact telephone: (215) 628-1417
Contact email: ED.VANYO@BASF.COM
EPA Region: 03
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: COGNIS CORP
Owner/operator address: Not reported
Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/10/2002
Owner/Op end date: Not reported

Owner/operator name: COGNIS CORP
Owner/operator address: 5051 ESTECREEK DR
CINCINNATI, OH 45232

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/10/2002
Owner/Op end date: Not reported

Owner/operator name: BASF CORP
Owner/operator address: 100 CAMPUS PARK DR
FLORHAM PARK, NJ 07932

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/01/2011
Owner/Op end date: Not reported

Owner/operator name: BASF CORP
Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/01/2011
Owner/Op end date: Not reported

Handler Activities Summary:

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

Universal Waste Summary:

Waste type: Batteries

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Accumulated waste on-site: Yes
Generated waste on-site: Yes

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: Yes

Historical Generators:

Date form received by agency: 02/27/2014
Site name: BASF CORP
Classification: Not a generator, verified

Waste code: U077
Waste name: ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE

Date form received by agency: 01/30/2012
Site name: BASF CORP
Classification: Large Quantity Generator

Waste code: D001
Waste name: IGNITABLE WASTE

Waste code: D002
Waste name: CORROSIVE WASTE

Waste code: D003
Waste name: REACTIVE WASTE

Waste code: D035
Waste name: METHYL ETHYL KETONE

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: F006
Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM;

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

(2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Waste code: U077
Waste name: ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE

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

Date form received by agency: 08/15/2011
Site name: BASF CORP
Classification: Large Quantity Generator

Waste code: D001
Waste name: IGNITABLE WASTE

Waste code: D002
Waste name: CORROSIVE WASTE

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D022
Waste name: CHLOROFORM

Waste code: D028
Waste name: 1,2-DICHLOROETHANE

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: D038
Waste name: PYRIDINE

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

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BASF CORP (Continued)

1000240405

ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS; AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

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

Waste code: U122
Waste name: FORMALDEHYDE

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

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

Waste code: U328
Waste name: BENZENAMINE, 2-METHYL- (OR) O-TOLUIDINE

Date form received by agency: 02/24/2010

Site name: COGNIS CORP

Classification: Large Quantity Generator

Waste code: D001
Waste name: IGNITABLE WASTE

Waste code: D002
Waste name: CORROSIVE WASTE

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D022
Waste name: CHLOROFORM

Waste code: D028
Waste name: 1,2-DICHLOROETHANE

Waste code: D035

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BASF CORP (Continued)

1000240405

Waste name: METHYL ETHYL KETONE

Waste code: D038

Waste name: PYRIDINE

Waste code: F002

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

Waste code: F003

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

Waste code: F005

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

Waste code: LABP

Waste name: LAB PACK

Waste code: U161

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

Waste code: U220

Waste name: BENZENE, METHYL- (OR) TOLUENE

Date form received by agency: 03/21/2008

Site name: COGNIS CORP

Classification: Large Quantity Generator

Waste code: D001

Waste name: IGNITABLE WASTE

Waste code: D002

Waste name: CORROSIVE WASTE

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Waste code:	D003
Waste name:	REACTIVE WASTE
Waste code:	D005
Waste name:	BARIUM
Waste code:	D006
Waste name:	CADMIUM
Waste code:	D007
Waste name:	CHROMIUM
Waste code:	D011
Waste name:	SILVER
Waste code:	D035
Waste name:	METHYL ETHYL KETONE
Waste code:	D038
Waste name:	PYRIDINE
Waste code:	F003
Waste name:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste code:	F005
Waste name:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste code:	P002
Waste name:	1-ACETYL-2-THIOUREA (OR) ACETAMIDE, N-(AMINOTHIOXOMETHYL)-
Waste code:	P003
Waste name:	2-PROPENAL (OR) ACRYLALDEHYDE
Waste code:	P022
Waste name:	CARBON DISULFIDE
Waste code:	U002
Waste name:	2-PROPANONE (L) (OR) ACETONE (L)
Waste code:	U008
Waste name:	2-PROPENOIC ACID (L) (OR) ACRYLIC ACID (L)

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BASF CORP (Continued)

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. Waste code: U041
. Waste name: EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-

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

. Waste code: U056
. Waste name: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

. Waste code: U180
. Waste name: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)

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

. Waste code: U188
. Waste name: PHENOL

Date form received by agency: 11/05/2007
Site name: COGNIS CORP
Classification: Large Quantity Generator

Date form received by agency: 10/05/2007
Site name: COGNIS CORP
Classification: Large Quantity Generator

Date form received by agency: 02/14/2006
Site name: COGNIS CORP
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: D038
. Waste name: PYRIDINE

. 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

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BASF CORP (Continued)

1000240405

NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

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

Waste code: U148
Waste name: 3,6-PYRIDAZINEDIONE, 1,2-DIHYDRO- (OR) MALEIC HYDRAZIDE

Waste code: U190
Waste name: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

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

Waste code: U219
Waste name: THIOUREA

Waste code: U404
Waste name: ETHANAMINE, N,N-DIETHYL- (OR) TRIETHYLAMINE

Date form received by agency: 02/07/2006
Site name: COGNIS CORP HW OPERATION
Classification: Large Quantity Generator

Waste code: NONE
Waste name: None

Date form received by agency: 02/25/2004
Site name: COGNIS CORP
Classification: Large Quantity Generator

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.

Date form received by agency: 08/14/2002
Site name: COGNIS CORP

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Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Classification: Large Quantity Generator

Date form received by agency: 05/16/2002

Site name: COGNIS CORPORATION

Classification: Large Quantity Generator

Waste code: D000

Waste name: Not Defined

Waste code: D001

Waste name: IGNITABLE WASTE

Waste code: D002

Waste name: CORROSIVE WASTE

Waste code: D003

Waste name: REACTIVE WASTE

Waste code: D005

Waste name: BARIUM

Waste code: D007

Waste name: CHROMIUM

Waste code: D009

Waste name: MERCURY

Waste code: D011

Waste name: SILVER

Waste code: D038

Waste name: PYRIDINE

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

BASF CORP (Continued)

1000240405

- . 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: P028
- . Waste name: BENZENE, (CHLOROMETHYL)- (OR) BENZYL CHLORIDE
- . Waste code: P029
- . Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)
- . Waste code: P030
- . Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
- . Waste code: P098
- . Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)
- . Waste code: P104
- . Waste name: SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)
- . Waste code: P106
- . Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)
- . Waste code: U001
- . Waste name: ACETALDEHYDE (I) (OR) ETHANAL (I)
- . Waste code: U006
- . Waste name: ACETYL CHLORIDE (C,R,T)
- . Waste code: U008
- . Waste name: 2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)
- . Waste code: U019
- . Waste name: BENZENE (I,T)
- . Waste code: U041
- . Waste name: EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-
- . Waste code: U044
- . Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-
- . Waste code: U046
- . Waste name: CHLOROMETHYL METHYL ETHER (OR) METHANE, CHLOROMETHOXY-
- . Waste code: U048
- . Waste name: O-CHLOROPHENOL (OR) PHENOL, 2-CHLORO-
- . Waste code: U051
- . Waste name: CREOSOTE
- . Waste code: U052

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BASF CORP (Continued)

1000240405

. Waste name: CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-
. Waste code: U077
. Waste name: ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE
. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE
. Waste code: U122
. Waste name: FORMALDEHYDE
. Waste code: U123
. Waste name: FORMIC ACID (C,T)
. Waste code: U129
. Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE
. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)
. Waste code: U151
. Waste name: MERCURY
. Waste code: U165
. Waste name: NAPHTHALENE
. Waste code: U188
. Waste name: PHENOL
. Waste code: U196
. Waste name: PYRIDINE
. Waste code: U213
. Waste name: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)
. Waste code: U328
. Waste name: BENZENAMINE, 2-METHYL- (OR) O-TOLUIDINE
. Waste code: U359
. Waste name: ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER

Date form received by agency: 03/22/2001
Site name: COGNIS CORP
Classification: Large Quantity Generator

Date form received by agency: 02/26/1994
Site name: HENKEL CORPORATION - AMBLER
Classification: Large Quantity Generator

Date form received by agency: 05/07/1993
Site name: COGNIS CORPORATION
Classification: Large Quantity Generator

. Waste code: NONE
. Waste name: None

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MAP FINDINGS

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Database(s)

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EPA ID Number

BASF CORP (Continued)

1000240405

Date form received by agency: 02/28/1992

Site name: HENKEL CORPORATION

Classification: Large Quantity Generator

Date form received by agency: 03/01/1990

Site name: HENKEL CORPORATION

Classification: Large Quantity Generator

Date form received by agency: 11/14/1980

Site name: COGNIS CORPORATION

Classification: Not a generator, verified

Waste code: D002

Waste name: CORROSIVE WASTE

Waste code: D007

Waste name: CHROMIUM

Waste code: D016

Waste name: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

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: P001

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

Waste code: U011

Waste name: 1H-1,2,4-TRIAZOL-3-AMINE (OR) AMITROLE

Waste code: U240

Waste name: 2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D

Date form received by agency: 08/18/1980

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BASF CORP (Continued)

1000240405

Site name: COGNIS CORPORATION
Classification: Large Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2013

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 PENSKEY-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): 1769

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): 360

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Amount (Lbs): 10

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 1105

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 LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Amount (Lbs): 404

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED 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 NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED 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.

Amount (Lbs):

1509

Waste code:

F006

Waste name:

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

Amount (Lbs):

1509

Waste code:

U077

Waste name:

ETHANE, 1,2-DICHLORO-

Amount (Lbs):

2100

Waste code:

U220

Waste name:

BENZENE, METHYL-

Amount (Lbs):

404

Corrective Action Summary:

Event date:

09/11/1987

Event:

RFA Completed

Event date:

12/01/1991

Event:

CA Prioritization, Facility or area was assigned a medium corrective action priority.

Event date:

10/25/2004

Event:

Igration of Contaminated Groundwater under Control, More information is needed to make a determination.

Event date:

10/25/2004

Event:

Current Human Exposures under Control, More information is needed to make a determination.

Event date:

06/23/2007

Event:

RFI Imposition

Event date:

11/13/2013

Event:

Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 01/15/2013
Date achieved compliance: 01/15/2013
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: FR - 40cfr262.36(a)(4)
Area of violation: Generators - General
Date violation determined: 08/10/2005
Date achieved compliance: 08/24/2005
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: FR - 40cfr262.11
Area of violation: Generators - General
Date violation determined: 08/10/2005
Date achieved compliance: 08/22/2005
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: SR - 265.173(a)
Area of violation: Generators - Pre-transport
Date violation determined: 05/07/1993
Date achieved compliance: 06/14/1993
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

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Regulation violated: SR - 265.193(c)(3)
Area of violation: Generators - Pre-transport
Date violation determined: 05/07/1993
Date achieved compliance: 06/14/1993
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: SR - 264.194(b)(3)
Area of violation: Generators - Pre-transport
Date violation determined: 05/07/1993
Date achieved compliance: 06/14/1993
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: SR - 264.194(b)(2)
Area of violation: Generators - Pre-transport
Date violation determined: 05/07/1993
Date achieved compliance: 06/14/1993
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: SR - 265.194(d)
Area of violation: Generators - Pre-transport
Date violation determined: 05/07/1993
Date achieved compliance: 06/14/1993
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Area of violation: TSD - General
Date violation determined: 04/23/1990
Date achieved compliance: 09/24/1991
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: FR - 262.20(a)
Area of violation: Generators - Manifest
Date violation determined: 04/23/1990
Date achieved compliance: 09/24/1991
Violation lead agency: EPA
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: FR - 262.41(5)
Area of violation: Generators - Records/Reporting
Date violation determined: 04/23/1990
Date achieved compliance: 09/24/1991
Violation lead agency: EPA
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: LDR - General
Date violation determined: 04/23/1990
Date achieved compliance: 09/24/1991
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: FR - 268.7(a)(1)
Area of violation: LDR - General

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Date violation determined: 04/23/1990
Date achieved compliance: 09/24/1991
Violation lead agency: EPA
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: FR - 262.34(a)(2)
Area of violation: Generators - Pre-transport
Date violation determined: 04/23/1990
Date achieved compliance: 09/24/1991
Violation lead agency: EPA
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: FR - 262.34(a)(3)
Area of violation: Generators - Pre-transport
Date violation determined: 04/23/1990
Date achieved compliance: 09/24/1991
Violation lead agency: EPA
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: TSD - General
Date violation determined: 06/14/1988
Date achieved compliance: 06/27/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/14/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 05/19/1987

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Date achieved compliance: 06/14/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/19/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 01/15/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 01/15/2013
Evaluation lead agency: State

Evaluation date: 09/15/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/12/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/01/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/27/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/21/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/10/2005
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 08/22/2005
Evaluation lead agency: State

Evaluation date: 08/10/2005
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Date achieved compliance: 08/24/2005
Evaluation lead agency: State

Evaluation date: 07/26/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/18/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/09/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/04/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/15/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/13/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/24/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/15/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/22/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Evaluation date: 04/08/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/07/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 06/14/1993
Evaluation lead agency: State

Evaluation date: 09/23/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/01/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/24/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/16/1990
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/23/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 09/24/1991
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 04/23/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 09/24/1991
Evaluation lead agency: State

Evaluation date: 04/23/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 09/24/1991
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 04/23/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Date achieved compliance: 09/24/1991
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 04/23/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 09/24/1991
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 04/23/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 09/24/1991
Evaluation lead agency: State

Evaluation date: 05/05/1989
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/27/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/14/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 06/27/1988
Evaluation lead agency: State

Evaluation date: 05/19/1987
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 06/14/1988
Evaluation lead agency: State

Evaluation date: 03/19/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

2020 COR ACTION:

EPA ID: PAD002348324
Region: 3
Action: Not reported

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

PRP:

PRP name: AMCHEM PRODUCTS INC
AMCHEM PRODUCTS INC
AMCHEM PRODUCTS INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

HENKEL CORP.
UNION CARBIDE AGRICULTURAL PRODUCTS
UNION CARBIDE CORP
UNION CARBIDE CORP
UNION CARBIDE CORP

FTTS INSP:

Inspection Number: 199304213171 1
Region: 03
Inspection Date: 04/21/93
Inspector: WU
Violation occurred: Yes
Investigation Type: EPCRA, Data Quality, Federal Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA
Facility Function: Manufacturer/Importer

Inspection Number: 199304223171 2
Region: 03
Inspection Date: 04/22/93
Inspector: WU
Violation occurred: No
Investigation Type: Section 5 Chemical Substance Exemption
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: Manufacturer/Importer

Inspection Number: 199304223171 1
Region: 03
Inspection Date: 04/22/93
Inspector: WU
Violation occurred: No
Investigation Type: Section 5 Premanufacture Notice
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: Manufacturer/Importer

Inspection Number: 199304223171 4
Region: 03
Inspection Date: 04/22/93
Inspector: WU
Violation occurred: No
Investigation Type: Section 8C Records Rule
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: Manufacturer/Importer

Inspection Number: 1990062953251 4
Region: 03
Inspection Date: 06/29/90
Inspector: ELSNER
Violation occurred: No
Investigation Type: Section 8C Records Rule
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: Manufacturer

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Inspection Number: 1990062953251 2
Region: 03
Inspection Date: 06/29/90
Inspector: ELSNER
Violation occurred: No
Investigation Type: Section 8A Level A Rule
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: Manufacturer

Inspection Number: 199304223171 3
Region: 03
Inspection Date: 04/22/93
Inspector: WU
Violation occurred: No
Investigation Type: Section 8 Inventory Rule
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: Manufacturer/Importer

Inspection Number: 1990062953251 3
Region: 03
Inspection Date: 06/29/90
Inspector: ELSNER
Violation occurred: No
Investigation Type: Section 8 Inventory Rule
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: Manufacturer

HIST FTTS INSP:

Inspection Number: 199304223171 3
Region: 03
Inspection Date: Not reported
Inspector: WU
Violation occurred: No
Investigation Type: Section 8 Inventory Rule
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: Manufacturer/Importer

Inspection Number: 1990062953251 4
Region: 03
Inspection Date: Not reported
Inspector: ELSNER
Violation occurred: No
Investigation Type: Section 8C Records Rule
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: Manufacturer

Inspection Number: 199304223171 4
Region: 03
Inspection Date: Not reported
Inspector: WU
Violation occurred: No

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Investigation Type: Section 8C Records Rule
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: Manufacturer/Importer

Inspection Number: 199304223171 1
Region: 03
Inspection Date: Not reported
Inspector: WU
Violation occurred: No
Investigation Type: Section 5 Premanufacture Notice
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: Manufacturer/Importer

Inspection Number: 1990062953251 2
Region: 03
Inspection Date: Not reported
Inspector: ELSNER
Violation occurred: No
Investigation Type: Section 8A Level A Rule
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: Manufacturer

Inspection Number: 1990062953251 3
Region: 03
Inspection Date: Not reported
Inspector: ELSNER
Violation occurred: No
Investigation Type: Section 8 Inventory Rule
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: Manufacturer

Inspection Number: 199304213171 1
Region: 03
Inspection Date: Not reported
Inspector: WU
Violation occurred: Yes
Investigation Type: EPCRA, Data Quality, Federal Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA
Facility Function: Manufacturer/Importer

Inspection Number: 199304223171 2
Region: 03
Inspection Date: Not reported
Inspector: WU
Violation occurred: No
Investigation Type: Section 5 Chemical Substance Exemption
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: Manufacturer/Importer

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

US AIRS MINOR:

Envid: 1000240405
Region Code: 03
Programmatic ID: AIR PA000515210
Facility Registry ID: 110009307339
D and B Number: Not reported
Primary SIC Code: 8734
NAICS Code: 541380
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:

Region Code: 03
Programmatic ID: AIR PA000515210
Facility Registry ID: 110009307339
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2007-11-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR PA000515210
Facility Registry ID: 110009307339
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2012-02-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR PA000515210
Facility Registry ID: 110009307339
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2013-07-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR PA000515210
Facility Registry ID: 110009307339
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1995-02-14 00:00:00

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR PA000515210
Facility Registry ID: 110009307339
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-01-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR PA000515210
Facility Registry ID: 110009307339
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-11-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR PA000515210
Facility Registry ID: 110009307339
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-07-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR PA000515210
Facility Registry ID: 110009307339
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-11-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR PA000515210
Facility Registry ID: 110009307339
Air Operating Status Code: OPR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-11-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR PA000515210
Facility Registry ID: 110009307339
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-02-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR PA000515210
Facility Registry ID: 110009307339
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-07-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Manifest Details:

Year: 2012
Manifest Number: 005239041FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD002348324
Generator Date: 06/07/2012
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-628-1417
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: SPRING GROVE RESOURCE RECOVERY
TSD Facility Address: 4879 SPRING GROVE AVE
TSD Facility City: CINCINNATI
TSD Facility State: OH
Facility Telephone: Not reported
Page Number: 1
Line Number: 3
Waste Number: D009
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 100
Unit: Pounds

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Handling Code: Not reported
TSP EPA Id: OHD000816629
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 005239043FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD002348324
Generator Date: 06/07/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-628-1417
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: CLEAN HARBORS LAPORTE LP / SAFETY KLEEN LAPORTE INC
TSD Facility Address: 500 BATTLEGROUND RD
TSD Facility City: LA PORTE
TSD Facility State: TX
Facility Telephone: Not reported
Page Number: 1
Line Number: 2
Waste Number: D003
Container Number: 1
Container Type: Cylinders
Waste Quantity: 2
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: TXD982290140
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 005239041FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD002348324
Generator Date: 06/07/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-628-1417
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: SPRING GROVE RESOURCE RECOVERY
TSD Facility Address: 4879 SPRING GROVE AVE
TSD Facility City: CINCINNATI
TSD Facility State: OH
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D035
Container Number: 2
Container Type: Metal drums, barrels, kegs
Waste Quantity: 450
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: OHD000816629
Date TSP Sig: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Year: 2012
Manifest Number: 005239041FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD002348324
Generator Date: 06/07/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-628-1417
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: SPRING GROVE RESOURCE RECOVERY
TSD Facility Address: 4879 SPRING GROVE AVE
TSD Facility City: CINCINNATI
TSD Facility State: OH
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D001
Container Number: 2
Container Type: Metal drums, barrels, kegs
Waste Quantity: 450
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: OHD000816629
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 005239034FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD002348324
Generator Date: 05/04/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-628-1417
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: SPRING GROVE RESOURCE RECOVERY
TSD Facility Address: 4879 SPRING GROVE AVE
TSD Facility City: CINCINNATI
TSD Facility State: OH
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: F005
Container Number: 2
Container Type: Metal drums, barrels, kegs
Waste Quantity: 800
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: OHD000816629
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 005239034FLE
Manifest Type: TSD Copy

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Generator EPA Id: PAD002348324
Generator Date: 05/04/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-628-1417
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: SPRING GROVE RESOURCE RECOVERY
TSD Facility Address: 4879 SPRING GROVE AVE
TSD Facility City: CINCINNATI
TSD Facility State: OH
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: F003
Container Number: 2
Container Type: Metal drums, barrels, kegs
Waste Quantity: 800
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: OHD000816629
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 005239035FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD002348324
Generator Date: 06/07/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-628-1417
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: CLEAN HARBORS EL DORADO LLC
TSD Facility Address: 309 AMERICAN CIRCLE
TSD Facility City: EL DORADO
TSD Facility State: AR
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: U077
Container Number: 2
Container Type: Metal drums, barrels, kegs
Waste Quantity: 800
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: ARD069748192
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 005239043FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD002348324
Generator Date: 06/07/2012
Mailing Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-628-1417
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: CLEAN HARBORS LAPORTE LP / SAFETY KLEEN LAPORTE INC
TSD Facility Address: 500 BATTLEGROUND RD
TSD Facility City: LA PORTE
TSD Facility State: TX
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D001
Container Number: 6
Container Type: Cylinders
Waste Quantity: 6
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: TXD982290140
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 005650904FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD002348324
Generator Date: 06/21/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-628-1417
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: CLEAN HARBORS EL DORADO LLC
TSD Facility Address: 309 AMERICAN CIRCLE
TSD Facility City: EL DORADO
TSD Facility State: AR
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D006
Container Number: 6
Container Type: Metal drums, barrels, kegs
Waste Quantity: 2400
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: ARD069748192
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 005239199FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD002348324
Generator Date: 02/17/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-628-1417

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: CLEAN HARBORS EL DORADO LLC
TSD Facility Address: 309 AMERICAN CIRCLE
TSD Facility City: EL DORADO
TSD Facility State: AR
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D001
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 250
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: ARD069748192
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 005650904FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD002348324
Generator Date: 06/21/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-628-1417
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: CLEAN HARBORS EL DORADO LLC
TSD Facility Address: 309 AMERICAN CIRCLE
TSD Facility City: EL DORADO
TSD Facility State: AR
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D004
Container Number: 6
Container Type: Metal drums, barrels, kegs
Waste Quantity: 2400
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: ARD069748192
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 005239248FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD002348324
Generator Date: 04/27/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-628-1417
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: SPRING GROVE RESOURCE RECOVERY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

TSD Facility Address: 4879 SPRING GROVE AVE
TSD Facility City: CINCINNATI
TSD Facility State: OH
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: F005
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 400
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: OHD000816629
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 005239041FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD002348324
Generator Date: 06/07/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-628-1417
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: SPRING GROVE RESOURCE RECOVERY
TSD Facility Address: 4879 SPRING GROVE AVE
TSD Facility City: CINCINNATI
TSD Facility State: OH
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: F005
Container Number: 2
Container Type: Metal drums, barrels, kegs
Waste Quantity: 450
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: OHD000816629
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 005239041FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD002348324
Generator Date: 06/07/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-628-1417
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: SPRING GROVE RESOURCE RECOVERY
TSD Facility Address: 4879 SPRING GROVE AVE
TSD Facility City: CINCINNATI
TSD Facility State: OH

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: F003
Container Number: 2
Container Type: Metal drums, barrels, kegs
Waste Quantity: 450
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: OHD000816629
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 005239034FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD002348324
Generator Date: 05/04/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-628-1417
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: SPRING GROVE RESOURCE RECOVERY
TSD Facility Address: 4879 SPRING GROVE AVE
TSD Facility City: CINCINNATI
TSD Facility State: OH
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D035
Container Number: 2
Container Type: Metal drums, barrels, kegs
Waste Quantity: 800
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: OHD000816629
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 005239243FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD002348324
Generator Date: 04/27/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-628-1417
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: CLEAN HARBORS SERVICES INC
TSD Facility Address: 11800 S STONY ISLAND AVE
TSD Facility City: CHICAGO
TSD Facility State: IL
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

BASF CORP (Continued)

1000240405

Waste Number: D003
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 1
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: ILD000608471
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 005650904FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD002348324
Generator Date: 06/21/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-628-1417
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: CLEAN HARBORS EL DORADO LLC
TSD Facility Address: 309 AMERICAN CIRCLE
TSD Facility City: EL DORADO
TSD Facility State: AR
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D005
Container Number: 6
Container Type: Metal drums, barrels, kegs
Waste Quantity: 2400
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: ARD069748192
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 005239034FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD002348324
Generator Date: 05/04/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-628-1417
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: SPRING GROVE RESOURCE RECOVERY
TSD Facility Address: 4879 SPRING GROVE AVE
TSD Facility City: CINCINNATI
TSD Facility State: OH
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D001
Container Number: 2
Container Type: Metal drums, barrels, kegs

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

Waste Quantity: 800
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: OHD000816629
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 005239199FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD002348324
Generator Date: 02/17/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-628-1417
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: CLEAN HARBORS EL DORADO LLC
TSD Facility Address: 309 AMERICAN CIRCLE
TSD Facility City: EL DORADO
TSD Facility State: AR
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D018
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 250
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: ARD069748192
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 005650904FLE
Manifest Type: TSD Copy
Generator EPA Id: PAD002348324
Generator Date: 06/21/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 215-628-1417
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: CLEAN HARBORS EL DORADO LLC
TSD Facility Address: 309 AMERICAN CIRCLE
TSD Facility City: EL DORADO
TSD Facility State: AR
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D007
Container Number: 6
Container Type: Metal drums, barrels, kegs
Waste Quantity: 2400
Unit: Pounds
Handling Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000240405

TSP EPA Id: ARD069748192
Date TSP Sig: Not reported

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

25
South
1/4-1/2
0.406 mi.
2144 ft.

371 W BUTLER PIKE SHELL
371 W BUTLER PIKE
AMBLER, PA 19002

PA LUST S108936012
PA AUL N/A

Relative:
Lower

LUST:

Actual:
173 ft.

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 605719
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 01/19/2012
Confirmed Date: 02/10/1997
Program Other Id: 46-43866
Client: BRONSON OIL FEE HOLDINGS LLC
Incident Id: 2823
Incident Desc: STAR ENTERPRISE 00 000 0046
Suspect Date: Not reported
Source Of Notification: Not reported
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Ground Water
Substance: Unleaded Gasoline
CAS RN: 71-43-2
Chemical: BENZENE
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 605719
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 01/19/2012
Confirmed Date: 02/10/1997
Program Other Id: 46-43866
Client: BRONSON OIL FEE HOLDINGS LLC
Incident Id: 2823
Incident Desc: STAR ENTERPRISE 00 000 0046
Suspect Date: Not reported
Source Of Notification: Not reported
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Ground Water
Substance: Unleaded Gasoline
CAS RN: 98-82-8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

371 W BUTLER PIKE SHELL (Continued)

S108936012

Chemical: CUMENE
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 605719
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 01/19/2012
Confirmed Date: 02/10/1997
Program Other Id: 46-43866
Client: BRONSON OIL FEE HOLDINGS LLC
Incident Id: 2823
Incident Desc: STAR ENTERPRISE 00 000 0046
Suspect Date: Not reported
Source Of Notification: Not reported
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Ground Water
Substance: Unleaded Gasoline
CAS RN: 100-41-4
Chemical: ETHYL BENZENE
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 605719
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 01/19/2012
Confirmed Date: 02/10/1997
Program Other Id: 46-43866
Client: BRONSON OIL FEE HOLDINGS LLC
Incident Id: 2823
Incident Desc: STAR ENTERPRISE 00 000 0046
Suspect Date: Not reported
Source Of Notification: Not reported
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Ground Water
Substance: Unleaded Gasoline
CAS RN: 1634-04-4
Chemical: METHYL TERT-BUTYL ETHER (MTBE)
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

371 W BUTLER PIKE SHELL (Continued)

S108936012

Longitude: Not reported

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 605719
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 01/19/2012
Confirmed Date: 02/10/1997
Program Other Id: 46-43866
Client: BRONSON OIL FEE HOLDINGS LLC
Incident Id: 2823
Incident Desc: STAR ENTERPRISE 00 000 0046
Suspect Date: Not reported
Source Of Notification: Not reported
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Ground Water
Substance: Unleaded Gasoline
CAS RN: 91-20-3
Chemical: NAPHTHALENE
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 605719
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 01/19/2012
Confirmed Date: 02/10/1997
Program Other Id: 46-43866
Client: BRONSON OIL FEE HOLDINGS LLC
Incident Id: 2823
Incident Desc: STAR ENTERPRISE 00 000 0046
Suspect Date: Not reported
Source Of Notification: Not reported
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Ground Water
Substance: Unleaded Gasoline
CAS RN: 108-88-3
Chemical: TOLUENE
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 605719

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

371 W BUTLER PIKE SHELL (Continued)

S108936012

Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: **Cleanup Completed**
Status Date: 01/19/2012
Confirmed Date: 02/10/1997
Program Other Id: 46-43866
Client: BRONSON OIL FEE HOLDINGS LLC
Incident Id: 2823
Incident Desc: STAR ENTERPRISE 00 000 0046
Suspect Date: Not reported
Source Of Notification: Not reported
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Ground Water
Substance: Unleaded Gasoline
CAS RN: 1330-20-7
Chemical: XYLENES (TOTAL)
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 605719
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: **Cleanup Completed**
Status Date: 01/19/2012
Confirmed Date: 12/05/2001
Program Other Id: 46-43866
Client: BRONSON OIL FEE HOLDINGS LLC
Incident Id: 2824
Incident Desc: TEXACO 100243
Suspect Date: Not reported
Source Of Notification: INSTL
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Ground Water
Substance: Unleaded Gasoline
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 605719
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: **Cleanup Completed**
Status Date: 01/19/2012
Confirmed Date: 09/08/2003
Program Other Id: 46-43866

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

371 W BUTLER PIKE SHELL (Continued)

S108936012

Client: BRONSON OIL FEE HOLDINGS LLC
Incident Id: 32254
Incident Desc: NOC
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: MWELL
Source Cause Of Release: UNDTD
Tank: Not reported
Impact Desc: Ground Water
Substance: Unleaded Gasoline
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

Region: EP SE Rgnl Off Norristown
Municipality: Ambler Boro
Facility Id: 605719
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 01/19/2012
Confirmed Date: 10/25/2005
Program Other Id: 46-43866
Client: BRONSON OIL FEE HOLDINGS LLC
Incident Id: 35838
Incident Desc: NOC
Suspect Date: Not reported
Source Of Notification: OWNER
Release Discovered: Not reported
Source Cause Of Release: VEHIC
Tank: Not reported
Impact Desc: Release Contained - No Environ. Impact
Substance: Unleaded Gasoline
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

AUL:

Facility Id: 605719
Primary Facility Type: Storage Tank Locator
Latitude: 40 9' 33.76"
Longitude: -75 12' 55.81"
Region: Southeast Region
Client Id: 260206
Client Name: BRONSON OIL FEE HOLDINGS LLC
Incident Id / Name Description: 35838; NOC
Remediation Id: Not reported
Remediation Received Date: Not reported
Address: 371 W BUTLER PIKE AMBLER, PA 19002
AUL Code: ENVIRONMENTAL COVENANT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

371 W BUTLER PIKE SHELL (Continued)

S108936012

Received Date: 10/21/2009
Action Date: 12/23/2011
Action: DEP SIGNED
Recorded Date: 01/09/2012
Terminated Date: Not reported
Amended Date: Not reported
Activity Use Limitation Code: GWPRO
Activity Use Limitation Desc: GROUNDWATER USE PROHIBITED
Aul Comment: Not reported
Internal Use EDR Field: DETAIL AS OF JANUARY 2013

26
SE
1/4-1/2
0.439 mi.
2317 ft.

PARS MFG
109 S MAIN ST
AMBLER BORO, PA

PA UNREG LTANKS

S105919291
N/A

Relative:
Higher

UNREG LTANKS:

Region: South East
Contaminant: BTEX
Closed: 6/3/1994
Class: Cleanup of Tanks using authorities other than Act 32

Actual:
195 ft.

27
ESE
1/4-1/2
0.468 mi.
2473 ft.

HOPEWELL CONST
107 ROSEMARY AVE
AMBLER, PA 19002

PA LUST

S101476489
N/A

Relative:
Higher

LUST:

Region: EP SE Rgnl Off Norristown
Municipality: Upper Dublin Twp
Facility Id: 606084
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 06/14/1993
Confirmed Date: 07/18/1992
Program Other Id: 46-45491
Client: NEW JERSEY NATL BANK
Incident Id: 2827
Incident Desc: HOPEWELL CONST
Suspect Date: Not reported
Source Of Notification: INSTL
Release Discovered: CLOS
Source Cause Of Release: INFNP
Tank: Not reported
Impact Desc: Soil
Substance: Leaded Gasoline
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

Actual:
198 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOPEWELL CONST (Continued)

S101476489

Region: EP SE Rgnl Off Norristown
Municipality: Upper Dublin Twp
Facility Id: 606084
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim or Remedial Actions Initiated
Status Date: 08/05/1989
Confirmed Date: 08/05/1989
Program Other Id: 46-45491
Client: NEW JERSEY NATL BANK
Incident Id: 3896
Incident Desc: NUTRECON INC
Suspect Date: Not reported
Source Of Notification: Not reported
Release Discovered: Not reported
Source Cause Of Release: Not reported
Tank: Not reported
Impact Desc: Soil
Substance: Diesel Fuel
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: Not reported
Altitude Datum: Not reported
Latitude: Not reported
Longitude: Not reported

28
SSE
1/2-1
0.632 mi.
3339 ft.

AMBLER ASBESTOS
MAPLE & LOCUST ST
AMBLER, PA 19002

PA SHWS S115911204
N/A

Relative:
Higher

SHWS:

Region: EP SE Rgnl Off Norristown
Facility Id: 618306
Municipality: Ambler Boro
Site: AMBLER ASBESTOS
Site Id: 594533
Program Other Id: 1-46-810-4482
HOR Ref Datum: WGS84
Client Id: Not reported
Client Owner: Not reported
Initiation Id: 2786
Initiation Type: CERCLA
Notice Date: Not reported
List Date: 06/10/1986
Delist Date: 12/27/1996
Activity Id: 2851
Media Id: 734311
Media Name: AMBLER ASBESTOS-SOIL
Media Type: Soil Media
Substance Code: Not reported
Substance: Not reported
CASRN: Not reported
Chemical: Not reported
Address Remarks: Not reported
Response Name: AMBLER ASBESTOS
Response Action: CO&M - CERCLA Operation and Maintenance

Actual:
211 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMBLER ASBESTOS (Continued)

S115911204

Start Date: 04/01/1993
Finish Date: Not reported
RJD Date: Not reported
Altitude Datum: Not reported
Latitude: 40.1484
Longitude: -75.2234

29
WNW
1/2-1
0.656 mi.
3466 ft.

CHEMIGRAPHICS
152 MATHERS RD
AMBLER, PA 19002

PA SHWS S118289037
N/A

Relative:
Higher

SHWS:

Actual:
189 ft.

Region: EP SE Rgnl Off Norristown
Facility Id: 618904
Municipality: Whitpain Twp
Site: CHEMIGRAPHIC MFG
Site Id: 508505
Program Other Id: 1-46-961-27374
HOR Ref Datum: UNK
Client Id: Not reported
Client Owner: Not reported
Initiation Id: 31408
Initiation Type: HSCA
Notice Date: Not reported
List Date: Not reported
Delist Date: Not reported
Activity Id: 32271
Media Id: 782985
Media Name: CHEMIGRAPHICS-WASTE
Media Type: Contained Release or Abandoned Container
Substance Code: Not reported
Substance: Not reported
CASRN: Not reported
Chemical: Not reported
Address Remarks: Not reported
Response Name: WASTE REMOVAL
Response Action: HSIRP - HSCA Interim Response Action -- PROMPT
Start Date: 03/17/2000
Finish Date: 07/17/2001
RJD Date: 09/16/1998
Altitude Datum: Not reported
Latitude: 40.161341
Longitude: -75.237583

Region: EP SE Rgnl Off Norristown
Facility Id: 618904
Municipality: Whitpain Twp
Site: CHEMIGRAPHIC MFG
Site Id: 508505
Program Other Id: 1-46-961-27374
HOR Ref Datum: UNK
Client Id: Not reported
Client Owner: Not reported
Initiation Id: 31408
Initiation Type: HSCA
Notice Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEMIGRAPHICS (Continued)

S118289037

List Date:	Not reported
Delist Date:	Not reported
Activity Id:	45922
Media Id:	735420
Media Name:	CHEMIGRAPHICS-GW
Media Type:	Groundwater Media
Substance Code:	CLSOL
Substance:	Chlorinated Solvents
CASRN:	Not reported
Chemical:	Not reported
Address Remarks:	Not reported
Response Name:	STUDY
Response Action:	HSFI - HSCA Further Investigation - Site Study
Start Date:	03/27/1998
Finish Date:	Not reported
RJD Date:	09/16/1998
Altitude Datum:	Not reported
Latitude:	40.161341
Longitude:	-75.237583

Count: 4 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
AMBLER	S113738249	CHESTNUT PL	S CHESTNUT ST	19002	PA VCP
AMBLER	1000280416	AMBLER ASBESTOS PILES	LOCUST STREET	19002	Delisted NPL, SEMS, US ENG CONTROLS, US INST CONTROL, RC PRP, CONSENT
AMBLER	S111245196	CROSSINGS AT AMBLER	S MAPLE WY	19002	PA VCP
AMBLER	S108055930	NICOLET IND	MAPLE AVE	19002	PA VCP

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: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 04/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/18/2016
	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: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 04/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/18/2016
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 04/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/18/2016
	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: 11/13/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/06/2016	Telephone: 703-603-8704
Date Made Active in Reports: 05/20/2016	Last EDR Contact: 04/08/2016
Number of Days to Update: 135	Next Scheduled EDR Contact: 07/18/2016
	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 know 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: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 04/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/01/2016
	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: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 04/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/01/2016
	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: 12/09/2015	Source: EPA
Date Data Arrived at EDR: 03/02/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 03/30/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/11/2016
	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: 12/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/02/2016	Telephone: 800-438-2474
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 03/30/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/11/2016
	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: 12/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/02/2016	Telephone: 800-438-2474
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 03/30/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/11/2016
	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: 12/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/02/2016	Telephone: 800-438-2474
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 03/30/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/11/2016
	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: 12/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/02/2016	Telephone: 800-438-2474
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 03/30/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/11/2016
	Data Release Frequency: Varies

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: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 05/16/2016
Number of Days to Update: 13	Next Scheduled EDR Contact: 08/29/2016
	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: 09/10/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/11/2015	Telephone: 703-603-0695
Date Made Active in Reports: 11/03/2015	Last EDR Contact: 02/29/2016
Number of Days to Update: 53	Next Scheduled EDR Contact: 06/13/2016
	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: 09/10/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/11/2015	Telephone: 703-603-0695
Date Made Active in Reports: 11/03/2015	Last EDR Contact: 02/29/2016
Number of Days to Update: 53	Next Scheduled EDR Contact: 06/13/2016
	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: 03/28/2016
Date Data Arrived at EDR: 03/30/2016
Date Made Active in Reports: 05/20/2016
Number of Days to Update: 51

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/30/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Annually

State- and tribal - equivalent NPL

SHWS: Hazardous Sites Cleanup Act Site List

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

Date of Government Version: 01/20/2016
Date Data Arrived at EDR: 01/21/2016
Date Made Active in Reports: 03/09/2016
Number of Days to Update: 48

Source: Department Environmental Protection
Telephone: 717-783-7816
Last EDR Contact: 04/21/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Semi-Annually

HSCA: HSCA Remedial Sites Listing

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

Date of Government Version: 04/16/2015
Date Data Arrived at EDR: 07/21/2015
Date Made Active in Reports: 08/18/2015
Number of Days to Update: 28

Source: Department of Environmental Protection
Telephone: 717-783-7816
Last EDR Contact: 04/22/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Varies

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: 02/23/2016
Date Data Arrived at EDR: 02/25/2016
Date Made Active in Reports: 04/11/2016
Number of Days to Update: 46

Source: Department of Environmental Protection
Telephone: 717-787-7564
Last EDR Contact: 02/23/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LAST: Storage Tank Release Sites

Leaking Aboveground Storage Tank Incident Reports.

Date of Government Version: 03/15/2016
Date Data Arrived at EDR: 03/17/2016
Date Made Active in Reports: 04/11/2016
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 03/17/2016
Next Scheduled EDR Contact: 06/27/2016
Data Release Frequency: Semi-Annually

LUST: Storage Tank Release Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/15/2016
Date Data Arrived at EDR: 03/17/2016
Date Made Active in Reports: 04/11/2016
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 03/17/2016
Next Scheduled EDR Contact: 06/27/2016
Data Release Frequency: Semi-Annually

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: 11/04/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 52

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
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: 11/24/2015
Date Data Arrived at EDR: 12/01/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 34

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/26/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/08/2015
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
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: 03/30/2015
Date Data Arrived at EDR: 04/28/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 08/20/2015	Source: EPA Region 6
Date Data Arrived at EDR: 10/30/2015	Telephone: 214-665-6597
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 04/29/2016
Number of Days to Update: 111	Next Scheduled EDR Contact: 08/08/2016
	Data Release Frequency: Varies

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

Date of Government Version: 10/27/2015	Source: EPA Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 04/29/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 08/08/2016
	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: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 04/11/2016
Number of Days to Update: 55	Next Scheduled EDR Contact: 07/25/2016
	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: 03/01/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/17/2016	Telephone: 717-772-5599
Date Made Active in Reports: 04/11/2016	Last EDR Contact: 03/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/27/2016
	Data Release Frequency: Varies

AST: Listing of Pennsylvania Regulated Aboveground Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 03/01/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/17/2016	Telephone: 717-772-5599
Date Made Active in Reports: 04/11/2016	Last EDR Contact: 03/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/27/2016
	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: 10/20/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
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: 12/14/2014
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

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: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
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: 08/20/2015
Date Data Arrived at EDR: 10/30/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 111

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Semi-Annually

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: 11/05/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 52

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
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: 11/24/2015
Date Data Arrived at EDR: 12/01/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 34

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/26/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Semi-Annually

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: 04/19/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: No Update Planned

AUL: Environmental Covenants Listing

A listing of sites with environmental covenants.

Date of Government Version: 01/20/2016
Date Data Arrived at EDR: 01/21/2016
Date Made Active in Reports: 03/09/2016
Number of Days to Update: 48

Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 04/21/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Varies

INST CONTROL: Institutional Controls Site Listing

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

Date of Government Version: 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: 04/19/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: No Update Planned

State and tribal voluntary cleanup sites

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/12/2016
Date Data Arrived at EDR: 01/13/2016
Date Made Active in Reports: 03/09/2016
Number of Days to Update: 56

Source: Department of Environmental Protection
Telephone: 717-783-2388
Last EDR Contact: 04/13/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Semi-Annually

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/01/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites

Brownfields are generally defined as abandoned or underused industrial or commercial properties where redevelopment is complicated by actual or perceived environmental contamination. Brownfields vary in size, location, age and past use. They can range from a small, abandoned corner gas station to a large, multi-acre former manufacturing plant that has been closed for years.

Date of Government Version: 01/20/2016
Date Data Arrived at EDR: 01/21/2016
Date Made Active in Reports: 03/09/2016
Number of Days to Update: 48

Source: Department of Environmental Protection
Telephone: 717-783-1566
Last EDR Contact: 04/21/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Varies

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: 12/22/2015
Date Data Arrived at EDR: 12/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/22/2016
Next Scheduled EDR Contact: 07/04/2016
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST LF ALI: Abandoned Landfill Inventory

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

Date of Government Version: 01/04/2005	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/04/2005	Telephone: 717-787-7564
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 11/26/2012
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Varies

HIST LF INACTIVE: Inactive Facilities List

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

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

HIST LF INVENTORY: Facility Inventory

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

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

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 04/27/2016
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/15/2016
	Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 04/21/2016
Number of Days to Update: 137	Next Scheduled EDR Contact: 08/08/2016
	Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/17/2015	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 12/04/2015	Telephone: 202-307-1000
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 03/01/2016
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/13/2016
	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: 09/17/2015	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 12/04/2015	Telephone: 202-307-1000
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 03/01/2016
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/13/2016
	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: 03/01/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/17/2016	Telephone: 717-772-5599
Date Made Active in Reports: 04/11/2016	Last EDR Contact: 03/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/27/2016
	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: 03/01/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/17/2016	Telephone: 717-772-5599
Date Made Active in Reports: 04/11/2016	Last EDR Contact: 03/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/27/2016
	Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/18/2014	Telephone: 202-564-6023
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 04/26/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 08/08/2016
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ACT 2-DEED: Act 2-Deed Acknowledgment Sites

This listing pertains to sites where the Department has approved a cleanup requiring a deed acknowledgment under Act 2. This list includes sites remediated to a non-residential Statewide health standard (Section 303(g)); all sites demonstrating attainment of a Site-specific standard (Section 304(m)); and sites being remediated as a special industrial area (Section 305(g)). Persons who remediated a site to a standard that requires a deed acknowledgment shall comply with the requirements of the Solid Waste Management Act or the Hazardous Sites Cleanup Act, as referenced in Act 2. These statutes require a property description section in the deed concerning the hazardous substance disposal on the site. The location of disposed hazardous substances and a description of the type of hazardous substances disposed on the site shall be included in the deed acknowledgment. A deed acknowledgment is required at the time of conveyance of the property.

Date of Government Version: 04/23/2010
Date Data Arrived at EDR: 04/28/2010
Date Made Active in Reports: 04/30/2010
Number of Days to Update: 2

Source: Department of Environmental Protection
Telephone: 717-783-9470
Last EDR Contact: 07/22/2011
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: 06/24/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 68

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/30/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Annually

SPILLS: State spills

A listing of hazardous material incidents.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 01/15/2016
Date Made Active in Reports: 03/09/2016
Number of Days to Update: 54

Source: DEP, Emergency Response
Telephone: 717-787-5715
Last EDR Contact: 04/11/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Varies

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: 12/09/2015
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 03/30/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/11/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	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: 04/15/2016
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/25/2016
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administered lands of the United States. Lands included are administered 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: 04/15/2016
Number of Days to Update: 339	Next Scheduled EDR Contact: 07/25/2016
	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: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 05/20/2016
Number of Days to Update: 54	Next Scheduled EDR Contact: 08/29/2016
	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: 09/01/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/03/2015	Telephone: 202-566-1917
Date Made Active in Reports: 11/03/2015	Last EDR Contact: 05/18/2016
Number of Days to Update: 61	Next Scheduled EDR Contact: 08/29/2016
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 05/09/2016
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/22/2016
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/22/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/03/2015	Telephone: 703-308-4044
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 05/12/2016
Number of Days to Update: 6	Next Scheduled EDR Contact: 08/22/2016
	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: 12/31/2012	Source: EPA
Date Data Arrived at EDR: 01/15/2015	Telephone: 202-260-5521
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 03/24/2016
Number of Days to Update: 14	Next Scheduled EDR Contact: 07/04/2016
	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: 12/31/2014	Source: EPA
Date Data Arrived at EDR: 11/24/2015	Telephone: 202-566-0250
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 02/24/2016
Number of Days to Update: 133	Next Scheduled EDR Contact: 06/06/2016
	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	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 04/25/2016
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/08/2016
	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: 11/25/2013	Source: EPA
Date Data Arrived at EDR: 12/12/2013	Telephone: 703-416-0223
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 03/08/2016
Number of Days to Update: 74	Next Scheduled EDR Contact: 06/20/2016
	Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/01/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/26/2015	Telephone: 202-564-8600
Date Made Active in Reports: 11/03/2015	Last EDR Contact: 04/25/2016
Number of Days to Update: 69	Next Scheduled EDR Contact: 08/08/2016
	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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 05/12/2016
Number of Days to Update: 3	Next Scheduled EDR Contact: 08/22/2016
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 07/01/2014	Source: EPA
Date Data Arrived at EDR: 10/15/2014	Telephone: 202-566-0500
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 04/12/2016
Number of Days to Update: 33	Next Scheduled EDR Contact: 07/25/2016
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 01/23/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/06/2015	Telephone: 202-564-5088
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 04/08/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 07/25/2016
	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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 05/20/2016
Next Scheduled EDR Contact: 09/05/2016
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 05/20/2016
Next Scheduled EDR Contact: 09/05/2016
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: 03/07/2016
Date Data Arrived at EDR: 03/18/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 28

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 05/06/2016
Next Scheduled EDR Contact: 08/22/2016
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
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/15/2016
Next Scheduled EDR Contact: 07/25/2016
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
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/11/2016
Next Scheduled EDR Contact: 06/20/2016
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: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 04/26/2016
Next Scheduled EDR Contact: 08/08/2016
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: 07/07/2015
Date Data Arrived at EDR: 07/09/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/08/2016
Next Scheduled EDR Contact: 07/18/2016
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: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/04/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/24/2016
Next Scheduled EDR Contact: 07/11/2016
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: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/26/2016
Next Scheduled EDR Contact: 06/06/2016
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: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/15/2016
Next Scheduled EDR Contact: 07/25/2016
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: 11/23/2015
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 86

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/09/2016
Next Scheduled EDR Contact: 08/22/2016
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: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 03/28/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/07/2016
Next Scheduled EDR Contact: 07/18/2016
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
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
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: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/24/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/24/2016
Next Scheduled EDR Contact: 07/11/2016
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: 02/09/2016
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 44

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/02/2016
Next Scheduled EDR Contact: 06/13/2016
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: 03/04/2016
Next Scheduled EDR Contact: 06/13/2016
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: 03/04/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 07/20/2015
Date Data Arrived at EDR: 09/09/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 55

Source: EPA
Telephone: (215) 814-5000
Last EDR Contact: 03/08/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 03/01/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/03/2016	Telephone: 202-564-0527
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 02/24/2016
Number of Days to Update: 33	Next Scheduled EDR Contact: 06/13/2016
	Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015	Source: Department of Defense
Date Data Arrived at EDR: 01/29/2016	Telephone: 571-373-0407
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 04/18/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 07/04/2016
	Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

Date of Government Version: 12/31/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/11/2016	Telephone: 717-787-9702
Date Made Active in Reports: 04/11/2016	Last EDR Contact: 03/28/2016
Number of Days to Update: 60	Next Scheduled EDR Contact: 07/11/2016
	Data Release Frequency: Annually

DRYCLEANERS: Drycleaner Facility Locations

A listing of drycleaner facility locations.

Date of Government Version: 12/21/2015	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/23/2015	Telephone: 717-787-9702
Date Made Active in Reports: 02/02/2016	Last EDR Contact: 03/21/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 07/04/2016
	Data Release Frequency: Varies

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/24/2015	Telephone: 717-783-8990
Date Made Active in Reports: 08/18/2015	Last EDR Contact: 04/18/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 08/01/2016
	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: 01/05/2016	Source: PASDA
Date Data Arrived at EDR: 01/28/2016	Telephone: 814-863-0104
Date Made Active in Reports: 03/09/2016	Last EDR Contact: 04/27/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 08/08/2016
	Data Release Frequency: Semi-Annually

NPDES: NPDES Permit Listing

A listing of facilities with an NPDES permit.

Date of Government Version: 10/06/2015	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/09/2015	Telephone: 717-787-9642
Date Made Active in Reports: 02/02/2016	Last EDR Contact: 03/11/2016
Number of Days to Update: 55	Next Scheduled EDR Contact: 06/20/2016
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: Underground Injection Wells

A listing of underground injection well locations.

Date of Government Version: 12/21/2015	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/22/2015	Telephone: 717-783-7209
Date Made Active in Reports: 02/02/2016	Last EDR Contact: 03/23/2016
Number of Days to Update: 42	Next Scheduled EDR Contact: 07/04/2016
	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: 09/20/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/23/2015	Telephone: 202-564-2280
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 03/23/2016
Number of Days to Update: 103	Next Scheduled EDR Contact: 07/04/2016
	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: 02/22/2016	Source: EPA
Date Data Arrived at EDR: 02/24/2016	Telephone: 800-385-6164
Date Made Active in Reports: 05/20/2016	Last EDR Contact: 02/24/2016
Number of Days to Update: 86	Next Scheduled EDR Contact: 06/06/2016
	Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

EDR Hist Auto: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: 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	Source: Department Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	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	Source: Department Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/10/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 193	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department Environmental Protection in Pennsylvania.

Date of Government Version: N/A	Source: Department Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/13/2016
Next Scheduled EDR Contact: 08/29/2016
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/12/2016
Next Scheduled EDR Contact: 07/25/2016
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: 02/01/2016
Date Data Arrived at EDR: 02/03/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/06/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 03/21/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 03/16/2016
Date Data Arrived at EDR: 03/29/2016
Date Made Active in Reports: 04/19/2016
Number of Days to Update: 21

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 04/18/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 19

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/14/2016
Next Scheduled EDR Contact: 06/27/2016
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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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Child Care Facility List

Source: Department of Public Welfare

Telephone: 717-783-3856

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 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

AMBLER GROUNDWATER VOC PLUME
246 W. MAPLE STREET
AMBLER, PA 19002

TARGET PROPERTY COORDINATES

Latitude (North):	40.156485 - 40° 9' 23.35"
Longitude (West):	75.229042 - 75° 13' 44.55"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	480493.2
UTM Y (Meters):	4444940.5
Elevation:	187 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5949512 AMBLER, 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 principal 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).

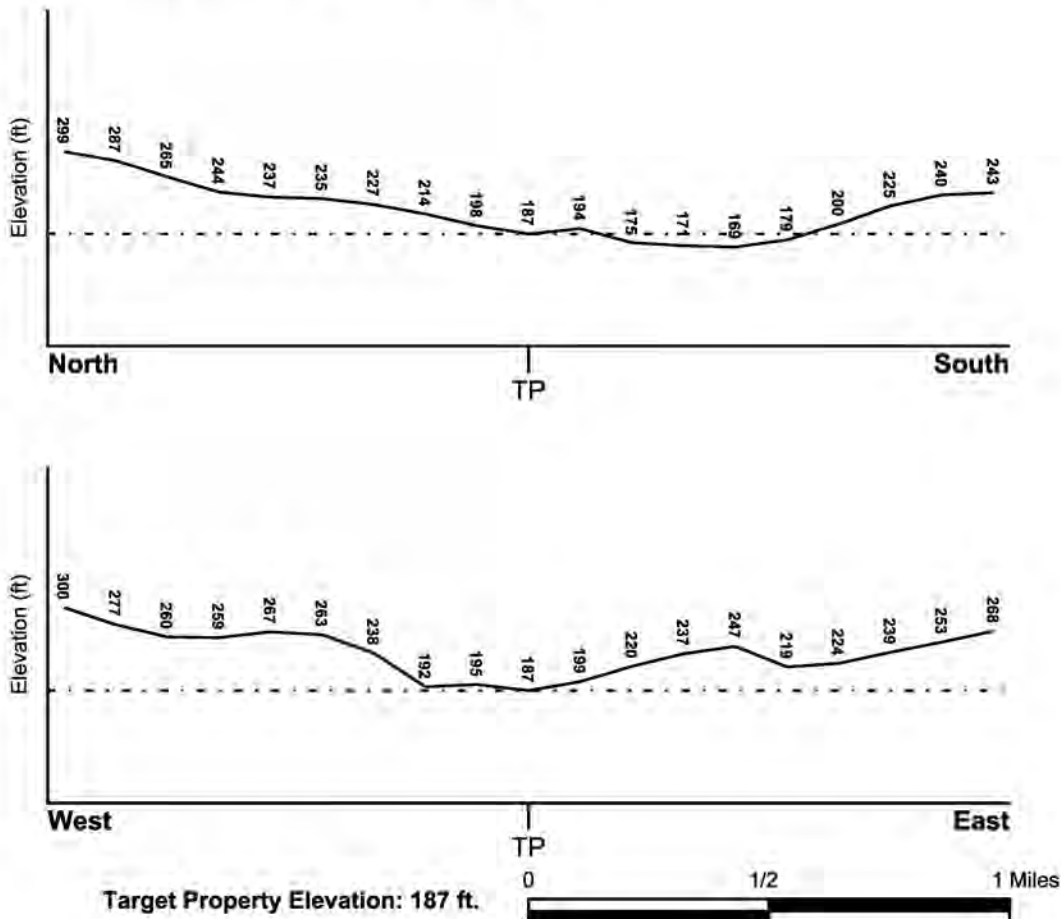
TOPOGRAPHIC INFORMATION

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 SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Target Property County</u> MONTGOMERY, PA	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	42091C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> AMBLER	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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HYDROGEOLOGIC INFORMATION

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

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
D13	1/4 - 1/2 Mile SE	Varies
27	1/4 - 1/2 Mile SE	Not Reported
M42	1/2 - 1 Mile East	NW
U88	1/2 - 1 Mile ENE	SE

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

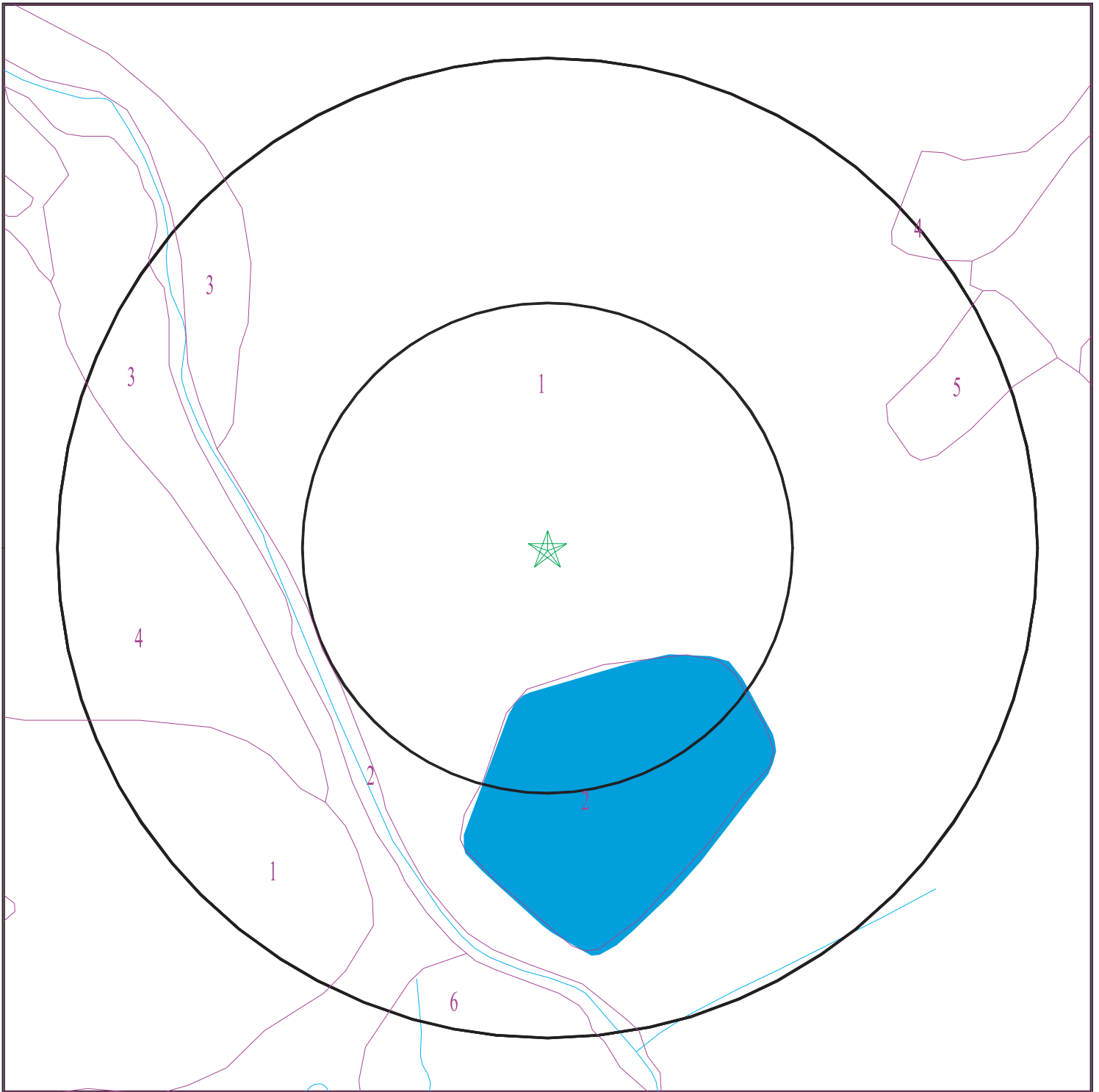
Era:	Mesozoic
System:	Triassic
Series:	Triassic
Code:	Tr (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

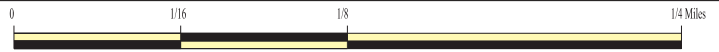
Category: Stratified Sequence

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

SSURGO SOIL MAP - 4626495.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Ambler Groundwater VOC Plume
ADDRESS: 246 W. Maple Street
Ambler PA 19002
LAT/LONG: 40.156485 / 75.229042

CLIENT: Weston Solutions, Inc.
CONTACT: (b) (4)
INQUIRY #: 4626495.2S
DATE: May 23, 2016 11:31 am

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Made land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 76 inches

No Layer Information available.

Soil Map ID: 2

Soil Component Name: Water

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 3

Soil Component Name: Bowmansville

Soil Surface Texture: silt loam

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Poorly drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 8 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 5.1
2	9 inches	35 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4.23 Min: 1.41	Max: 6.5 Min: 5.1
3	35 inches	59 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14.11 Min: 1.41	Max: 7.3 Min: 5.1
4	59 inches	63 inches	stratified gravel to sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42.34 Min: 14.11	Max: 7.3 Min: 5.1

Soil Map ID: 4

Soil Component Name: Made land

Soil Surface Texture: silt loam

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 76 inches

No Layer Information available.

Soil Map ID: 5

Soil Component Name: Made land

Soil Surface Texture: silt loam

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 6

Soil Component Name: Rowland

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 1.41	Max: 6 Min: 4.5
2	11 inches	31 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 1.41	Max: 6 Min: 4.5
3	31 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 1.41	Max: 6 Min: 4.5
4	59 inches	63 inches	stratified gravel to sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.34 Min: 14.11	Max: 6 Min: 4.5

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1,000
Federal FRDS PWS	Nearest PWS within 0.001 miles
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
B4	USGS40001010806	1/8 - 1/4 Mile NNE
B6	USGS40001010823	1/8 - 1/4 Mile NNE
C9	USGS40001010659	1/8 - 1/4 Mile SE
C10	USGS40001010663	1/4 - 1/2 Mile SE
E14	USGS40001010918	1/4 - 1/2 Mile NW
D17	USGS40001010594	1/4 - 1/2 Mile SE
F18	USGS40001010749	1/4 - 1/2 Mile West
G22	USGS40001010696	1/4 - 1/2 Mile West
K38	USGS40001010524	1/2 - 1 Mile SE
L39	USGS40001010942	1/2 - 1 Mile NW
Q63	USGS40001010805	1/2 - 1 Mile ENE
S78	USGS40001010855	1/2 - 1 Mile WNW
V92	USGS40001010423	1/2 - 1 Mile SSW
W94	USGS40001010406	1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	PASI50000171952	0 - 1/8 Mile NNW
A2	SPAW0127532	0 - 1/8 Mile NNW
B3	PASI50000043880	1/8 - 1/4 Mile NNE
B5	PASI50000043881	1/8 - 1/4 Mile North
C7	PASI50000027632	1/8 - 1/4 Mile SE
C8	PASI50000027634	1/8 - 1/4 Mile SE
11	PASI50000028594	1/4 - 1/2 Mile NE
12	PASI50000406790	1/4 - 1/2 Mile NW
E15	PASI50000027666	1/4 - 1/2 Mile NW
D16	PASI50000028588	1/4 - 1/2 Mile SE
E19	PASI50000167017	1/4 - 1/2 Mile NNW
20	SPAW0122597	1/4 - 1/2 Mile NNW
F21	PASI50000027650	1/4 - 1/2 Mile West
G23	PASI50000027640	1/4 - 1/2 Mile West
H24	SPAW0127518	1/4 - 1/2 Mile SW
25	PASI50000382321	1/4 - 1/2 Mile SE
H26	PASI50000171938	1/4 - 1/2 Mile SW
I28	PASI50000382963	1/2 - 1 Mile WNW
I29	PASI50000399023	1/2 - 1 Mile WNW
30	PASI50000027688	1/2 - 1 Mile North
J31	PASI50000403646	1/2 - 1 Mile NW
J32	PASI50000404246	1/2 - 1 Mile NW
J33	PASI50000403648	1/2 - 1 Mile NW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

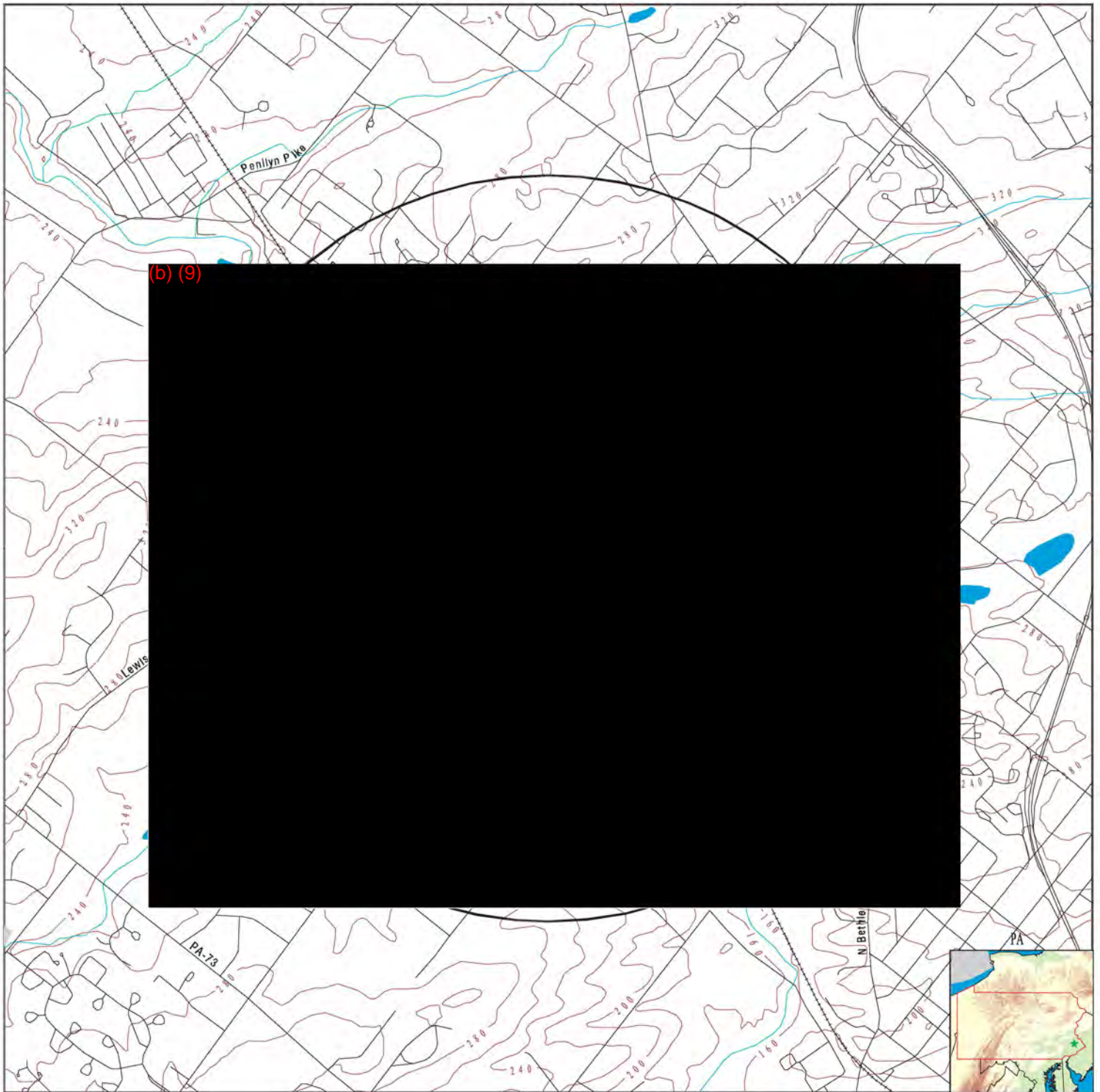
MAP ID	WELL ID	LOCATION FROM TP
J34	PASI50000403647	1/2 - 1 Mile NW
J35	PASI50000403645	1/2 - 1 Mile NW
J36	PASI50000404245	1/2 - 1 Mile NW
K37	PASI50000027606	1/2 - 1 Mile SE
M40	PASI50000164607	1/2 - 1 Mile East
N41	PASI50000164603	1/2 - 1 Mile ENE
L43	PASI50000027670	1/2 - 1 Mile WNW
N44	PASI50000164602	1/2 - 1 Mile ENE
M45	PASI50000164605	1/2 - 1 Mile East
O46	PASI50000028631	1/2 - 1 Mile WNW
N47	PASI50000164600	1/2 - 1 Mile ENE
M48	SPAW0120186	1/2 - 1 Mile East
N49	SPAW0120182	1/2 - 1 Mile ENE
P50	PASI50000167075	1/2 - 1 Mile North
O51	SPAW0127533	1/2 - 1 Mile WNW
P52	SPAW0122655	1/2 - 1 Mile North
M53	PASI50000164606	1/2 - 1 Mile East
N54	PASI50000164601	1/2 - 1 Mile ENE
N55	SPAW0120181	1/2 - 1 Mile ENE
M56	SPAW0120184	1/2 - 1 Mile East
Q57	PASI50000027656	1/2 - 1 Mile East
O58	PASI50000171953	1/2 - 1 Mile WNW
N59	SPAW0120179	1/2 - 1 Mile ENE
M60	SPAW0120185	1/2 - 1 Mile East
Q61	SPAW0120180	1/2 - 1 Mile ENE
N62	PASI50000164616	1/2 - 1 Mile ENE
O64	SPAW0127534	1/2 - 1 Mile WNW
Q65	PASI50000164612	1/2 - 1 Mile ENE
Q66	PASI50000164615	1/2 - 1 Mile ENE
R67	PASI50000164604	1/2 - 1 Mile ENE
Q68	SPAW0120195	1/2 - 1 Mile ENE
Q69	PASI50000164611	1/2 - 1 Mile ENE
S70	PASI50000171954	1/2 - 1 Mile WNW
Q71	PASI50000164614	1/2 - 1 Mile ENE
Q72	SPAW0120191	1/2 - 1 Mile ENE
R73	SPAW0120194	1/2 - 1 Mile ENE
74	PASI50000027625	1/2 - 1 Mile ESE
Q75	PASI50000164610	1/2 - 1 Mile ENE
R76	SPAW0120183	1/2 - 1 Mile ENE
Q77	PASI50000164613	1/2 - 1 Mile ENE
Q79	SPAW0120190	1/2 - 1 Mile ENE
R80	SPAW0120193	1/2 - 1 Mile ENE
S81	PASI50000027659	1/2 - 1 Mile WNW
82	PASI50000394508	1/2 - 1 Mile WNW
R83	SPAW0120189	1/2 - 1 Mile ENE
S84	PASI50000407597	1/2 - 1 Mile WNW
R85	SPAW0120192	1/2 - 1 Mile ENE
T86	PASI50000164609	1/2 - 1 Mile ENE
T87	PASI50000164608	1/2 - 1 Mile ENE
T90	SPAW0120188	1/2 - 1 Mile ENE
T91	SPAW0120187	1/2 - 1 Mile ENE
V93	PASI50000027589	1/2 - 1 Mile SSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
95	PASI50000027597	1/2 - 1 Mile SE
W96	PASI50000027586	1/2 - 1 Mile SSW
97	PASI50000027674	1/2 - 1 Mile ENE

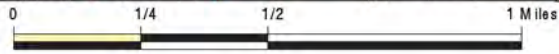
PHYSICAL SETTING SOURCE MAP - 4626495.2s



(b) (9)

- 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: Ambler Groundwater VOC Plume
 ADDRESS: 246 W. Maple Street
 Ambler PA 19002
 LAT/LONG: 40.156485 / 75.229042

CLIENT: Weston Solutions, Inc.
 CONTACT: (b) (4)
 INQUIRY #: 4626495.2S
 DATE: May 23, 2016 11:31 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1
NNW
0 - 1/8 Mile
Higher

PA WELLS PASI50000171952

Objectid:	171952	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	231SCKN	Topographycode:	S
Welldepth:	105	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracyc:	M
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	03-FEB-99	Dateupdated:	04-FEB-99
Datareliabilityc:	L	Sourcedepthdatac:	D
Municipalitycode:	46961		
Latituedd:	(b) (9)		
Longitudedd:			
Welladdress:	Not Reported	Depthtobedrock:	16
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	172063
Datedrilled:	19-APR-74	Localpermit:	Not Reported
Sourcesitedataco:	2	Driller scoordme:	0
Latestowner:	171182	Latestwelluse:	173619
Latestproduction:	172156	GeneralCounter:	176159
Site id:	PASI50000171952		

A2
NNW
0 - 1/8 Mile
Higher

PA WELLS SPAW0127532

Well ID:	(b) (9)	County	MONTGOMERY
Owner's Name:	(b) (9)	Longitude:	(b) (9)
Latitude:	(b) (9)	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	AMBLER	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	Not Reported
Well Depth:	105	Casing1 Diameter(inches):	6
Casing 1:	44	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	4-19-74
Grouted:	Not Reported	Production WL:	84
Static Water Level:	12	Yield Measurement Method:	M
Yield (gpm):	18	Test Time:	8
Drawdown:	72	Driller:	514
Bedrock:	16	Water Bearing Zone 2:	90
Water Bearing Zone 1:	68	Lithology:	OTHER
Water Bearing Zone 3:	120	Remark:	BEDRK SH & SS
Municipality:	WHITPAIN		
Aquifer:	STOCKTON FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

B3
NNE
 1/8 - 1/4 Mile
 Higher

PA WELLS PASI50000043880

Objectid:	43880	Depcounter:	-1
Siteid:	(b) (9)	Transactioncount:	3
Localwellnumber:		Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	231SCKNL	Topographycode:	S
Welldepth:	500	Elevation:	198
Elevmethodcode:	Not Reported	Accuracyofelevat:	5
Hydrologicunit:	02040203	Latlongaccuracyc:	Not Reported
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	13-MAR-96	Dateupdated:	13-MAR-96
Datareliabilityc:	U	Sourcedepthdatac:	D
Municipalitycode:	46810		
Latitueddd:	(b) (9)		
Longitueddd:			
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	43881
Datedrilled:	01-APR-78	Localpermit:	Not Reported
Sourcesitedataco:	1	Driller scoordme:	0
Latestowner:	43459	Latestwelluse:	43881
Latestproduction:	0	GeneralCounter:	47961
Site id:	PASI50000043880		

B4
NNE
 1/8 - 1/4 Mile
 Higher

FED USGS USGS40001010806

Org. Identifier:	USGS-PA	Drainagearea value:	Not Reported
Formal name:	USGS Pennsylvania Water Science Center	Contrib drainagearea:	Not Reported
Monloc Identifier:	USGS-400930075134201	Latitude:	(b) (9)
Monloc name:	MG 1350	Sourcemap scale:	24000
Monloc type:	Well	Horiz Acc measure units:	seconds
Monloc desc:	Not Reported	Horiz Collection method:	Interpolated from map
Huc code:	02040203	Horiz coord refsys:	NAD83
Drainagearea Units:	Not Reported	Vert measure val:	198
Contrib drainagearea units:	Not Reported	Vertacc measure val:	5
Longitude:	(b) (9)	Countrycode:	US
Horiz Acc measure:	5		
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29		
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Stockton Formation, Lower Member		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	500
Construction date:	197804	Wellholeddepth:	Not Reported
Welldepth units:	ft		
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

B5
North
1/8 - 1/4 Mile
Higher

PA WELLS PASI50000043881

Objectid:	43881	Depcounter:	-1
Siteid:	(b) (9)	Transactioncount:	3
Localwellnumber:		Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	231SCKNL	Topographycode:	V
Welldepth:	0	Elevation:	200
Elevmethodcode:	Not Reported	Accuracyofelevat:	5
Hydrologicunit:	02040203	Latlongaccuracyc:	Not Reported
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	13-MAR-96	Dateupdated:	11-APR-96
Datareliabilityc:	U	Sourcedepthdatac:	Not Reported
Municipalitycode:	46810		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	43882
Datedrilled:	Not Reported	Localpermit:	Not Reported
Sourcesitedataco:	1	Driller scoordme:	0
Latestowner:	43460	Latestwelluse:	43882
Latestproduction:	0	GeneralCounter:	47962
Site id:	PASI50000043881		

B6
NNE
1/8 - 1/4 Mile
Higher

FED USGS USGS40001010823

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-400931075134301		
Monloc name:	MG 1349		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	(b) (9)
Longitude:	(b) (9)	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	200
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Stockton Formation, Lower Member		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	Not Reported
Welldepth units:	Not Reported		
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

C7
SE
1/8 - 1/4 Mile
Higher

PA WELLS PASI50000027632

Objectid:	27632	Depcounter:	-1
Siteid:	(b) (9)	Transactioncount:	1
Localwellnumber:		Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	231SCKN	Topographycode:	V
Welldepth:	0	Elevation:	190
Elevmethodcode:	M	Accuracyofelevat:	5
Hydrologicunit:	02040203	Latlongaccuracyc:	S
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	26-FEB-77	Dateupdated:	03-MAR-90
Datareliabilityc:	U	Sourcedepthdatac:	Z
Municipalitycode:	46810		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	27633
Datedrilled:	Not Reported	Localpermit:	Not Reported
Sourcesitedataco:	1	Driller scoordme:	0
Latestowner:	27396	Latestwelluse:	27633
Latestproduction:	0	GeneralCounter:	27633
Site id:	PASI50000027632		

C8
SE
1/8 - 1/4 Mile
Higher

PA WELLS PASI50000027634

Objectid:	27634	Depcounter:	-1
Siteid:	(b) (9)	Transactioncount:	1
Localwellnumber:		Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	231SCKN	Topographycode:	V
Welldepth:	0	Elevation:	190
Elevmethodcode:	M	Accuracyofelevat:	5
Hydrologicunit:	02040203	Latlongaccuracyc:	S
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	26-FEB-77	Dateupdated:	03-MAR-90
Datareliabilityc:	U	Sourcedepthdatac:	Z
Municipalitycode:	46810		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	27635
Datedrilled:	Not Reported	Localpermit:	Not Reported
Sourcesitedataco:	1	Driller scoordme:	0
Latestowner:	27398		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	Not Reported
Welldepth units:	Not Reported		
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

11
NE
1/4 - 1/2 Mile
Higher

PA WELLS PASI50000028594

Objectid:	28594	Depcounter:	-1
Siteid:	(b) (9)	Transactioncount:	1
Localwellnumber:		Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	231SCKN	Topographycode:	V
Welldepth:	305	Elevation:	200
Elevmethodcode:	M	Accuracyofelevat:	10
Hydrologicunit:	02040203	Latlongaccuracyc:	S
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	26-FEB-77	Dateupdated:	28-JUN-94
Datareliabilityc:	U	Sourcedepthdatac:	Z
Municipalitycode:	46810		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	28595
Datedrilled:	01-JAN-53	Localpermit:	Not Reported
Sourcesitedataco:	1	Driller scoordme:	0
Latestowner:	28367	Latestwelluse:	28595
Latestproduction:	24870	GeneralCounter:	28595
Site id:	PASI50000028594		

12
NW
1/4 - 1/2 Mile
Higher

PA WELLS PASI50000406790

Objectid:	406790	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	Not Reported	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	11	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracyc:	Not Reported
Quadcode:	0	Typeofsitecode:	W
Datecreated:	25-JUN-12	Dateupdated:	Not Reported
Datareliabilityc:	Not Reported	Sourcedepthdatac:	Not Reported
Municipalitycode:	46961		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:		Depthtobedrock:	0
Wellzipcode:		Saltwaterzone:	0
Bedrocknotreache:	1	Pagwis id:	0
Datedrilled:	19-JUN-12	Localpermit:	Not Reported
Sourcesitedataco:	3	Driller scoordme:	3
Latestowner:	7470342		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latestproduction: 4493728 Latestwelluse: 9912373
 Site id: PASI50000406790 GeneralCounter: 500048

D13 Site ID: 46-46404
SE Groundwater Flow: Varies **AQUIFLOW** **41160**
1/4 - 1/2 Mile Shallowest Water Table Depth: 15.9
Higher Deepest Water Table Depth: 18.08
 Average Water Table Depth: Not Reported
 Date: Not Reported

E14 **FED USGS** **USGS40001010918**
NW
1/4 - 1/2 Mile
Higher

Org. Identifier: USGS-PA
 Formal name: USGS Pennsylvania Water Science Center
 Monloc Identifier: USGS-400939075140001
 Monloc name: MG 464
 Monloc type: Well
 Monloc desc: Not Reported
 Huc code: 02040203 Drainagearea value: Not Reported
 Drainagearea Units: Not Reported Contrib drainagearea: Not Reported
 Contrib drainagearea units: Not Reported Latitude: (b) (9)
 Longitude: (b) (9) Sourcemap scale: 24000
 Horiz Acc measure: 1 Horiz Acc measure units: seconds
 Horiz Collection method: Interpolated from map
 Horiz coord refsys: NAD83 Vert measure val: 210
 Vert measure units: feet Vertacc measure val: 5
 Vert accmeasure units: feet
 Vertcollection method: Interpolated from topographic map
 Vert coord refsys: NGVD29 Countrycode: US
 Aquifername: Early Mesozoic basin aquifers
 Formation type: Stockton Formation
 Aquifer type: Not Reported
 Construction date: 19421106 Welldepth: 405
 Welldepth units: ft Wellholedepth: Not Reported
 Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1956-08-27	64.00	

E15 **PA WELLS** **PASI50000027666**
NW
1/4 - 1/2 Mile
Higher

Objectid: 27666 Depcounter: -1
 Siteid: (b) (9) Transactioncount: 1
 Localwellnumber: Countycode: 091
 Latitude: Not Reported Longitude: Not Reported
 Aappcode: 231SCKN Topographycode: V
 Welldepth: 405 Elevation: 210
 Elevmethodcode: M Accuracyofelevat: 5
 Hydrologicunit: 02040203 Latlongaccuracy: S
 Quadcode: 1744 Typeofsitecode: W
 Datecreated: 26-FEB-77 Dateupdated: 03-MAR-90

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Data reliability:	U	Sourcedepthdata:	Z
Municipalitycode:	46934		
Latitude:	(b) (9)		
Longitude:			
Well address:	Not Reported		
Well zip code:	Not Reported	Depth to bedrock:	0
Bedrock not reached:	0	Saltwater zone:	0
Date drilled:	06-NOV-42	Pagwis id:	27667
Sourcesitedata:	1	Local permit:	Not Reported
Latest owner:	27428	Driller scoordme:	0
Latest production:	24150	Latest well use:	27667
Site id:	PASI50000027666	General Counter:	27667

D16
SE
1/4 - 1/2 Mile
Higher

PA WELLS PASI50000028588

Objectid:	28588	Depcounter:	-1
Siteid:	(b) (9)	Transactioncount:	1
Localwellnumber:		Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aappcode:	231SCKN	Topographycode:	V
Welldepth:	234	Elevation:	190
Elevmethodcode:	M	Accuracyofelevat:	10
Hydrologicunit:	02040203	Latlongaccuracy:	S
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	26-FEB-77	Dateupdated:	28-JUN-94
Data reliability:	U	Sourcedepthdata:	Z
Municipalitycode:	46810		
Latitude:	(b) (9)		
Longitude:			
Well address:	Not Reported		
Well zip code:	Not Reported	Depth to bedrock:	0
Bedrock not reached:	0	Saltwater zone:	0
Date drilled:	01-JAN-10	Pagwis id:	28589
Sourcesitedata:	1	Local permit:	Not Reported
Latest owner:	28359	Driller scoordme:	0
Latest production:	24863	Latest well use:	28589
Site id:	PASI50000028588	General Counter:	28589

D17
SE
1/4 - 1/2 Mile
Higher

FED USGS USGS40001010594

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-400907075132901		
Monloc name:	MG 119		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	(b) (9)
Longitude:	(b) (9)	Source map scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	190
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Stockton Formation		
Aquifer type:	Not Reported		
Construction date:	19100101	Welldepth:	234
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1952	17	

F18
West
1/4 - 1/2 Mile
Higher

FED USGS USGS40001010749

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-400924075141301		
Monloc name:	MG 355		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	(b) (9)
Longitude:	(b) (9)	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	265
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Stockton Formation		
Aquifer type:	Not Reported		
Construction date:	19540101	Welldepth:	95
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

E19
NNW
1/4 - 1/2 Mile
Higher

PA WELLS PASI50000167017

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid:	167017	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	231SCKN	Topographycode:	S
Welldepth:	16	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	02040203	Lalongaccuracyc:	M
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	03-FEB-99	Dateupdated:	04-FEB-99
Datareliabilityc:	L	Sourcedepthdatac:	D
Municipalitycode:	46934		
Latitudedd:	(b) (9)		
Longitudedd:	(b) (9)		
Welladdress:	Not Reported	Depthtobedrock:	6
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	167128
Datedrilled:	01-DEC-89	Localpermit:	Not Reported
Sourcesitedataco:	2	Driller scoordme:	0
Latestowner:	166260	Latestwelluse:	168787
Latestproduction:	167247	GeneralCounter:	171224
Site id:	PASI50000167017		

20
NNW
1/4 - 1/2 Mile
Higher

PA WELLS SPAW0122597

Well ID:	(b) (9)	County	MONTGOMERY
Owner's Name:	(b) (9)	Longitude:	(b) (9)
Latitude:	(b) (9)	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	AMBLER	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	16	Casing1 Diameter(inches):	4
Casing 1:	16	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	12-89
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	12	Yield Measurement Method:	Not Reported
Yield (gpm):	Not Reported	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1848
Bedrock:	6	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	12	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	LOWER GWYNEDD		
Aquifer:	STOCKTON FORMATION		

F21
West
1/4 - 1/2 Mile
Higher

PA WELLS PASI50000027650

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid:	27650	Depcounter:	-1
Siteid:	(b) (9)	Transactioncount:	1
Localwellnumber:		Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	231SCKN	Topographycode:	S
Welldepth:	95	Elevation:	265
Elevmethodcode:	M	Accuracyofelevat:	5
Hydrologicunit:	02040203	Latlongaccuracy:	S
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	26-FEB-77	Dateupdated:	03-MAR-90
Datareliability:	U	Sourcedepthdata:	Z
Municipalitycode:	46961		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	27651
Datedrilled:	01-JAN-54	Localpermit:	Not Reported
Sourcesitedataco:	1	Driller scoordme:	0
Latestowner:	27413	Latestwelluse:	27651
Latestproduction:	0	GeneralCounter:	27651
Site id:	PASI50000027650		

G22
West
1/4 - 1/2 Mile
Higher

FED USGS USGS40001010696

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-400919075141401		
Monloc name:	MG 354		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	(b) (9)
Longitude:	(b) (9)	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	290
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Stockton Formation		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

G23
West
1/4 - 1/2 Mile
Higher

PA WELLS PASI50000027640

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid:	27640	Depcounter:	-1
Siteid:	(b) (9)	Transactioncount:	1
Localwellnumber:		Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	231SCKN	Topographycode:	H
Welldepth:	150	Elevation:	290
Elevmethodcode:	M	Accuracyofelevat:	10
Hydrologicunit:	02040203	Lalongaccuracyc:	S
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	26-FEB-77	Dateupdated:	03-MAR-90
Datareliabilityc:	U	Sourcedepthdatac:	Z
Municipalitycode:	46961		
Latituedd:	(b) (9)		
Longituedd:			
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	27641
Datedrilled:	Not Reported	Localpermit:	Not Reported
Sourcesitedataco:	1	Driller scoordme:	0
Latestowner:	27404	Latestwelluse:	27641
Latestproduction:	0	GeneralCounter:	27641
Site id:	PASI50000027640		

**H24
SW
1/4 - 1/2 Mile
Lower**

PA WELLS SPAW0127518

Well ID:	(b) (9)	County	MONTGOMERY
Owner's Name:		Longitude:	(b) (9)
Latitude:		Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	AMBLER	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	WITHDRAWAL
Water Usage:	DOMESTIC	Finish:	OPEN HOLE
Well Depth:	230	Casing1 Diameter(inches):	6
Casing 1:	34	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	07-87
Grouted:	Yes	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	Not Reported
Yield (gpm):	5	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1628
Bedrock:	27	Water Bearing Zone 2:	190
Water Bearing Zone 1:	75	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	TEST YIELD METHOD = V & M
Municipality:	WHITPAIN		
Aquifer:	STOCKTON FORMATION		

**25
SE
1/4 - 1/2 Mile
Higher**

PA WELLS PASI50000382321

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid:	382321	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	Not Reported	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	500	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracyc:	Not Reported
Quadcode:	0	Typeofsitecode:	W
Datecreated:	19-OCT-11	Dateupdated:	Not Reported
Datareliability:	Not Reported	Sourcedepthdatac:	Not Reported
Municipalitycode:	46810		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:			
Wellzipcode:		Depthtobedrock:	0
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	28-OCT-10	Pagwis id:	0
Sourcesitedataco:	3	Localpermit:	None
Latestowner:	7463808	Driller scoordme:	1
Latestproduction:	0	Latestwelluse:	7322145
Site id:	PASI50000382321	GeneralCounter:	475579

**H26
SW
1/4 - 1/2 Mile
Lower**

PA WELLS PASI50000171938

Objectid:	171938	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	231SCKN	Topographycode:	S
Welldepth:	230	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	02040203	Latlongaccuracyc:	M
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	03-FEB-99	Dateupdated:	04-FEB-99
Datareliability:	L	Sourcedepthdatac:	D
Municipalitycode:	46961		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	27
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	01-JUL-87	Pagwis id:	172049
Sourcesitedataco:	2	Localpermit:	Not Reported
Latestowner:	171168	Driller scoordme:	0
Latestproduction:	172142	Latestwelluse:	173607
Site id:	PASI50000171938	GeneralCounter:	176145

**27
SE
1/4 - 1/2 Mile
Higher**

AQUIFLOW 41151

Site ID:	46-45491
Groundwater Flow:	Not Reported
Shallowest Water Table Depth:	15.41
Deepest Water Table Depth:	16.94
Average Water Table Depth:	Not Reported
Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I28
WNW
1/2 - 1 Mile
Higher

PA WELLS PASI50000382963

Objectid:	382963	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	Not Reported	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aappcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	300	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracyc:	Not Reported
Quadcode:	0	Typeofsitecode:	W
Datecreated:	29-JAN-09	Dateupdated:	Not Reported
Datareliabilityc:	Not Reported	Sourcedepthdatac:	Not Reported
Municipalitycode:	46961		
Latituedd:	(b) (9)		
Longituedd:			
Welladdress:			
Wellzipcode:		Depthtobedrock:	0
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	21-JAN-09	Pagwis id:	0
Sourcesitedataco:	3	Localpermit:	Not Reported
Latestowner:	7460401	Driller scoordme:	1
Latestproduction:	0	Latestwelluse:	7177073
Site id:	PASI50000382963	GeneralCounter:	476221

I29
WNW
1/2 - 1 Mile
Higher

PA WELLS PASI50000399023

Objectid:	399023	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	Not Reported	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aappcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	300	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracyc:	Not Reported
Quadcode:	0	Typeofsitecode:	W
Datecreated:	29-JAN-09	Dateupdated:	Not Reported
Datareliabilityc:	Not Reported	Sourcedepthdatac:	Not Reported
Municipalitycode:	46961		
Latituedd:	(b) (9)		
Longituedd:			
Welladdress:			
Wellzipcode:		Depthtobedrock:	0
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	21-JAN-09	Pagwis id:	0
Sourcesitedataco:	3	Localpermit:	Not Reported
Latestowner:	7460483	Driller scoordme:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latestproduction:	0	Latestwelluse:	7177249
Site id:	PASI50000399023	GeneralCounter:	492281

**30
North
1/2 - 1 Mile
Higher**

PA WELLS PASI50000027688

Objectid:	27688	Depcounter:	-1
Siteid:	(b) (9)	Transactioncount:	1
Localwellnumber:		Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aappcode:	231SCKNM	Topographycode:	S
Welldepth:	500	Elevation:	250
Elevmethodcode:	M	Accuracyofelevat:	10
Hydrologicunit:	02040203	Latlongaccuracyc:	S
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	26-MAY-87	Dateupdated:	03-MAR-90
Datareliability:	U	Sourcedepthdatac:	Z
Municipalitycode:	46931		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	27689
Datedrilled:	01-AUG-77	Localpermit:	Not Reported
Sourcesitedataco:	1	Driller scoordme:	0
Latestowner:	27451	Latestwelluse:	27689
Latestproduction:	24164	GeneralCounter:	27689
Site id:	PASI50000027688		

**J31
NW
1/2 - 1 Mile
Higher**

PA WELLS PASI50000403646

Objectid:	403646	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	Not Reported	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aappcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	40	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracyc:	Not Reported
Quadcode:	0	Typeofsitecode:	W
Datecreated:	04-AUG-11	Dateupdated:	Not Reported
Datareliability:	Not Reported	Sourcedepthdatac:	Not Reported
Municipalitycode:	46961		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:		Depthtobedrock:	10
Wellzipcode:		Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	0
Datedrilled:	25-JUL-11	Localpermit:	Not Reported
Sourcesitedataco:	3	Driller scoordme:	3
Latestowner:	7463409		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latestproduction:	4486983	Latestwelluse:	7180021
Site id:	PAS150000403646	GeneralCounter:	496904

**J32
NW
1/2 - 1 Mile
Higher**

PA WELLS PASI50000404246

Objectid:	404246	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	Not Reported	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	40	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracyc:	Not Reported
Quadcode:	0	Typeofsitecode:	W
Datecreated:	04-AUG-11	Dateupdated:	Not Reported
Datareliabilityc:	Not Reported	Sourcedepthdatac:	Not Reported
Municipalitycode:	46961		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:			
Wellzipcode:		Depthtobedrock:	10
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	25-JUL-11	Pagwis id:	0
Sourcesitedataco:	3	Localpermit:	Not Reported
Latestowner:	7448066	Driller scoordme:	3
Latestproduction:	4480388	Latestwelluse:	7176980
Site id:	PAS150000404246	GeneralCounter:	497504

**J33
NW
1/2 - 1 Mile
Higher**

PA WELLS PASI50000403648

Objectid:	403648	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	Not Reported	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	40	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracyc:	Not Reported
Quadcode:	0	Typeofsitecode:	W
Datecreated:	04-AUG-11	Dateupdated:	Not Reported
Datareliabilityc:	Not Reported	Sourcedepthdatac:	Not Reported
Municipalitycode:	46961		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:			
Wellzipcode:		Depthtobedrock:	10
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	25-JUL-11	Pagwis id:	0
Sourcesitedataco:	3	Localpermit:	Not Reported
Latestowner:	7454211	Driller scoordme:	3

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latestproduction:	4490865	Latestwelluse:	7185912
Site id:	PASI50000403648	GeneralCounter:	496906

**J34
NW
1/2 - 1 Mile
Higher**

PA WELLS PASI50000403647

Objectid:	403647	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	Not Reported	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aappcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	40	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracyc:	Not Reported
Quadcode:	0	Typeofsitecode:	W
Datecreated:	04-AUG-11	Dateupdated:	Not Reported
Datareliabilityc:	Not Reported	Sourcedepthdatac:	Not Reported
Municipalitycode:	46961		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:			
Wellzipcode:		Depthtobedrock:	10
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	25-JUL-11	Pagwis id:	0
Sourcesitedataco:	3	Localpermit:	Not Reported
Latestowner:	7447949	Driller scoordme:	3
Latestproduction:	4480321	Latestwelluse:	7176743
Site id:	PASI50000403647	GeneralCounter:	496905

**J35
NW
1/2 - 1 Mile
Higher**

PA WELLS PASI50000403645

Objectid:	403645	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	Not Reported	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aappcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	30	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracyc:	Not Reported
Quadcode:	0	Typeofsitecode:	W
Datecreated:	04-AUG-11	Dateupdated:	Not Reported
Datareliabilityc:	Not Reported	Sourcedepthdatac:	Not Reported
Municipalitycode:	46961		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:			
Wellzipcode:		Depthtobedrock:	10
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	26-JUL-11	Pagwis id:	0
Sourcesitedataco:	3	Localpermit:	Not Reported
Latestowner:	7455331	Driller scoordme:	3

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latestproduction:	4491529	Latestwelluse:	7188197
Site id:	PASI50000403645	GeneralCounter:	496903

**J36
NW
1/2 - 1 Mile
Higher**

PA WELLS PASI50000404245

Objectid:	404245	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	Not Reported	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	40	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracyc:	Not Reported
Quadcode:	0	Typeofsitecode:	W
Datecreated:	04-AUG-11	Dateupdated:	Not Reported
Datareliabilityc:	Not Reported	Sourcedepthdatac:	Not Reported
Municipalitycode:	46961		
Latituedd:	(b) (9)		
Longituedd:			
Welladdress:			
Wellzipcode:		Depthtobedrock:	10
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	25-JUL-11	Pagwis id:	0
Sourcesitedataco:	3	Localpermit:	Not Reported
Latestowner:	7461787	Driller scoordme:	3
Latestproduction:	4485156	Latestwelluse:	7180022
Site id:	PASI50000404245	GeneralCounter:	497503

**K37
SE
1/2 - 1 Mile
Higher**

PA WELLS PASI50000027606

Objectid:	27606	Depcounter:	-1
Siteid:	(b) (9)	Transactioncount:	1
Localwellnumber:		Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	231BRCK	Topographycode:	V
Welldepth:	75	Elevation:	185
Elevmethodcode:	M	Accuracyofelevat:	5
Hydrologicunit:	02040203	Latlongaccuracyc:	S
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	26-FEB-77	Dateupdated:	03-MAR-90
Datareliabilityc:	U	Sourcedepthdatac:	Z
Municipalitycode:	46810		
Latituedd:	(b) (9)		
Longituedd:			
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	27607
Datedrilled:	Not Reported	Localpermit:	Not Reported
Sourcesitedataco:	1	Driller scoordme:	0
Latestowner:	27371		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latest production: 39589 Latest well use: 27607
 Site id: PASI50000027606 General Counter: 27607

K38
SE
1/2 - 1 Mile
Higher

FED USGS USGS40001010524

Org. Identifier:	USGS-PA			
Formal name:	USGS Pennsylvania Water Science Center			
Monloc Identifier:	USGS-400858075131901			
Monloc name:	MG 118			
Monloc type:	Well			
Monloc desc:	Not Reported			
Huc code:	02040203	Drainage area value:	Not Reported	
Drainage area Units:	Not Reported	Contrib drainage area:	Not Reported	
Contrib drainage area units:	Not Reported	Latitude:	(b) (9)	
Longitude:	(b) (9)	Source map scale:	24000	
Horiz Acc measure:	1	Horiz Acc measure units:	seconds	
Horiz Collection method:	Interpolated from map			
Horiz coord refsys:	NAD83	Vert measure val:	185	
Vert measure units:	feet	Vertacc measure val:	5	
Vert acc measure units:	feet			
Vert collection method:	Interpolated from topographic map			
Vert coord refsys:	NGVD29	Country code:	US	
Aquifer name:	Early Mesozoic basin aquifers			
Formation type:	Brunswick Formation			
Aquifer type:	Not Reported			
Construction date:	Not Reported		Well depth:	75
Well depth units:	ft		Well hole depth:	Not Reported
Well hole depth units:	Not Reported			

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

1955-08-28	13.00	

L39
NW
1/2 - 1 Mile
Higher

FED USGS USGS40001010942

Org. Identifier:	USGS-PA			
Formal name:	USGS Pennsylvania Water Science Center			
Monloc Identifier:	USGS-400941075142101			
Monloc name:	MG 382			
Monloc type:	Well			
Monloc desc:	Not Reported			
Huc code:	02040203	Drainage area value:	Not Reported	
Drainage area Units:	Not Reported	Contrib drainage area:	Not Reported	
Contrib drainage area units:	Not Reported	Latitude:	(b) (9)	
Longitude:	(b) (9)	Source map scale:	24000	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	195
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Stockton Formation		
Aquifer type:	Not Reported		
Construction date:	19500101	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**M40
East
1/2 - 1 Mile
Higher**

PA WELLS PASI50000164607

Objectid:	164607	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aappcode:	231SCKN	Topographycode:	S
Welldepth:	20	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	02040202	Latlongaccuracyc:	M
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	03-FEB-99	Dateupdated:	04-FEB-99
Datareliabilityc:	L	Sourcedepthdatac:	D
Municipalitycode:	46810		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	164718
Datedrilled:	01-OCT-87	Localpermit:	Not Reported
Sourcesitedataco:	2	Driller scoordme:	0
Latestowner:	163858	Latestwelluse:	166457
Latestproduction:	164877	GeneralCounter:	168814
Site id:	PASI50000164607		

**N41
ENE
1/2 - 1 Mile
Higher**

PA WELLS PASI50000164603

Objectid:	164603	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aappcode:	231SCKN	Topographycode:	S
Welldepth:	27	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	02040202	Latlongaccuracyc:	M
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	03-FEB-99	Dateupdated:	04-FEB-99

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Data reliability:	L	Source depth data:	D
Municipality code:	46810		
Latitude:	(b) (9)		
Longitude:			
Well address:	Not Reported		
Well zip code:	Not Reported	Depth to bedrock:	0
Bedrock not reach:	0	Saltwater zone:	0
Date drilled:	01-AUG-92	Pagwis id:	164714
Source site data code:	2	Local permit:	Not Reported
Latest owner:	163854	Driller score:	0
Latest production:	164873	Latest well use:	0
Site id:	PAS150000164603	General Counter:	168810

M42 East 1/2 - 1 Mile Higher	Site ID:	46-42903		
	Groundwater Flow:	NW	AQUIFLOW	41154
	Shallowest Water Table Depth:	5.60		
	Deepest Water Table Depth:	7.99		
	Average Water Table Depth:	Not Reported		
	Date:	Not Reported		

L43 WNW 1/2 - 1 Mile Higher	Objectid:	27670	Depcounter:	-1	
	Siteid:	(b) (9)	Transactioncount:	1	
	Localwellnumber:		Countycode:	091	
	Latitude:	Not Reported	Longitude:	Not Reported	
	Aapgcode:	231SCKN	Topographycode:	V	
	Welldepth:	0	Elevation:	195	
	Elevmethodcode:	M	Accuracyofelevat:	5	
	Hydrologicunit:	02040203	Latlongaccuracy:	S	
	Quadcode:	1744	Typeofsitecode:	W	
	Datecreated:	26-FEB-77	Dateupdated:	03-MAR-90	
	Data reliability:	U	Source depth data:	Z	
	Municipality code:	46961			
	Latitude:	(b) (9)			
	Longitude:				
	Well address:	Not Reported	Depth to bedrock:	0	
	Well zip code:	Not Reported	Saltwater zone:	0	
	Bedrock not reach:	0	Pagwis id:	27671	
	Date drilled:	01-JAN-50	Local permit:	Not Reported	
	Source site data code:	1	Driller score:	0	
	Latest owner:	27432	Latest well use:	27671	
	Latest production:	0	General Counter:	27671	
Site id:	PAS150000027670				

N44 ENE 1/2 - 1 Mile Higher		PA WELLS	PAS150000164602
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid:	164602	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	231SCKN	Topographycode:	S
Welldepth:	25	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	02040202	Latlongaccuracyc:	M
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	03-FEB-99	Dateupdated:	04-FEB-99
Datareliabilityc:	L	Sourcedepthdatac:	D
Municipalitycode:	46810		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	164713
Datedrilled:	01-AUG-92	Localpermit:	Not Reported
Sourcesitedataco:	2	Driller scoordme:	0
Latestowner:	163853	Latestwelluse:	166453
Latestproduction:	164872	GeneralCounter:	168809
Site id:	PASI50000164602		

M45
East
1/2 - 1 Mile
Higher

PA WELLS PASI50000164605

Objectid:	164605	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	231SCKN	Topographycode:	S
Welldepth:	20	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	02040202	Latlongaccuracyc:	M
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	03-FEB-99	Dateupdated:	04-FEB-99
Datareliabilityc:	L	Sourcedepthdatac:	D
Municipalitycode:	46810		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	164716
Datedrilled:	01-OCT-87	Localpermit:	Not Reported
Sourcesitedataco:	2	Driller scoordme:	0
Latestowner:	163856	Latestwelluse:	166455
Latestproduction:	164875	GeneralCounter:	168812
Site id:	PASI50000164605		

O46
WNW
1/2 - 1 Mile
Higher

PA WELLS PASI50000028631

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid:	28631	Depcounter:	-1
Siteid:	(b) (9)	Transactioncount:	1
Localwellnumber:		Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	231SCKN	Topographycode:	V
Welldepth:	575	Elevation:	200
Elevmethodcode:	M	Accuracyofelevat:	10
Hydrologicunit:	02040203	Latlongaccuracyc:	F
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	08-AUG-94	Dateupdated:	08-AUG-94
Datareliabilityc:	U	Sourcedepthdatac:	Z
Municipalitycode:	46961		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	28632
Datedrilled:	01-FEB-78	Localpermit:	Not Reported
Sourcesitedataco:	1	Driller scoordme:	0
Latestowner:	28404	Latestwelluse:	28632
Latestproduction:	24905	GeneralCounter:	28632
Site id:	PASI50000028631		

**N47
ENE
1/2 - 1 Mile
Higher**

PA WELLS PASI50000164600

Objectid:	164600	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	231SCKN	Topographycode:	S
Welldepth:	30	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	02040202	Latlongaccuracyc:	M
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	03-FEB-99	Dateupdated:	04-FEB-99
Datareliabilityc:	L	Sourcedepthdatac:	D
Municipalitycode:	46810		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	164711
Datedrilled:	01-AUG-92	Localpermit:	Not Reported
Sourcesitedataco:	2	Driller scoordme:	0
Latestowner:	163851	Latestwelluse:	166451
Latestproduction:	164870	GeneralCounter:	168807
Site id:	PASI500000164600		

**M48
East
1/2 - 1 Mile
Higher**

PA WELLS SPAW0120186

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	(b) (9)	County:	MONTGOMERY
Owner's Name:	(b) (9)	Longitude:	(b) (9)
Latitude:	(b) (9)	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	AMBLER	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040202	Site Usage:	MONITORING
Water Usage:	IRRIGATION	Finish:	OPEN HOLE
Well Depth:	20	Casing1 Diameter(inches):	8
Casing 1:	Not Reported	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-87
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	Not Reported
Yield (gpm):	Not Reported	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	512
Bedrock:	Not Reported	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	AMBLER		
Aquifer:	STOCKTON FORMATION		

**N49
ENE
1/2 - 1 Mile
Higher**

PA WELLS SPAW0120182

Well ID:	(b) (9)	County:	MONTGOMERY
Owner's Name:	(b) (9)	Longitude:	(b) (9)
Latitude:	(b) (9)	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	AMBLER	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040202	Site Usage:	Not Reported
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	27	Casing1 Diameter(inches):	4
Casing 1:	2	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	8-92
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	V
Yield (gpm):	Not Reported	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1290
Bedrock:	Not Reported	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE: COMPACTED SILT
Municipality:	AMBLER		
Aquifer:	STOCKTON FORMATION		

**P50
North
1/2 - 1 Mile
Higher**

PA WELLS PASI50000167075

Objectid:	167075	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	231SCKN	Topographycode:	F
Welldepth:	600	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracyc:	M
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	03-FEB-99	Dateupdated:	04-FEB-99

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Data reliability:	L	Source depth data:	D
Municipality code:	46934		
Latitude:	(b) (9)		
Longitude:			
Well address:	Not Reported		
Well zip code:	Not Reported	Depth to bedrock:	10
Bedrock not reached:	0	Saltwater zone:	0
Date drilled:	29-DEC-73	Pagwis id:	167186
Source site data code:	2	Local permit:	Not Reported
Latest owner:	166318	Driller score:	0
Latest production:	167305	Latest well use:	168844
Site id:	PASI50000167075	General Counter:	171282

O51
WNW
1/2 - 1 Mile
Higher

PA WELLS SPAW0127533

Well ID:	(b) (9)	County:	MONTGOMERY
Owner's Name:		Longitude:	(b) (9)
Latitude:		Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	AMBLER	Topographic Setting:	HILLSIDE
Hydrologic Unit:	Not Reported	Site Usage:	Not Reported
Water Usage:	DOMESTIC	Finish:	Not Reported
Well Depth:	223	Casing1 Diameter(inches):	6
Casing 1:	42	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	9-30-76
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	25	Yield Measurement Method:	Not Reported
Yield (gpm):	60	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	512
Bedrock:	205	Water Bearing Zone 2:	220
Water Bearing Zone 1:	205	Lithology:	SANDSTONE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	WHITPAIN		
Aquifer:	STOCKTON FORMATION		

P52
North
1/2 - 1 Mile
Higher

PA WELLS SPAW0122655

Well ID:	(b) (9)	County:	MONTGOMERY
Owner's Name:		Longitude:	(b) (9)
Latitude:		Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	AMBLER	Topographic Setting:	FLAT SURFACE
Hydrologic Unit:	Not Reported	Site Usage:	TEST
Water Usage:	DOMESTIC	Finish:	Not Reported
Well Depth:	600	Casing1 Diameter(inches):	8
Casing 1:	44	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	12-29-73
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	23	Yield Measurement Method:	V
Yield (gpm):	250	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	514
Bedrock:	10	Water Bearing Zone 2:	155
Water Bearing Zone 1:	45	Lithology:	OTHER
Water Bearing Zone 3:	380	Remark:	BEDROCK SH & SS
Municipality:	LOWER GWYNEDD		
Aquifer:	STOCKTON FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

M53
East
1/2 - 1 Mile
Higher

PA WELLS PASI50000164606

Objectid:	164606	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	231SCKN	Topographycode:	S
Welldepth:	20	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	02040202	Latlongaccuracyc:	M
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	03-FEB-99	Dateupdated:	04-FEB-99
Datareliabilityc:	L	Sourcedepthdatac:	D
Municipalitycode:	46810		
Latituedd:	(b) (9)		
Longituedd:			
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	164717
Datedrilled:	01-OCT-87	Localpermit:	Not Reported
Sourcesitedataco:	2	Driller scoordme:	0
Latestowner:	163857	Latestwelluse:	166456
Latestproduction:	164876	GeneralCounter:	168813
Site id:	PASI50000164606		

N54
ENE
1/2 - 1 Mile
Higher

PA WELLS PASI50000164601

Objectid:	164601	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	231SCKN	Topographycode:	S
Welldepth:	25	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	02040202	Latlongaccuracyc:	M
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	03-FEB-99	Dateupdated:	04-FEB-99
Datareliabilityc:	L	Sourcedepthdatac:	D
Municipalitycode:	46810		
Latituedd:	(b) (9)		
Longituedd:			
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	164712
Datedrilled:	01-AUG-92	Localpermit:	Not Reported
Sourcesitedataco:	2	Driller scoordme:	0
Latestowner:	163852		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latest production: 164871
 Site id: PASI50000164601

Latest well use: 166452
 General Counter: 168808

N55
ENE
1/2 - 1 Mile
Higher

PA WELLS SPAW0120181

Well ID: (b) (9)
 Owner's Name: (b) (9)
 Latitude: (b) (9)
 Quadrangle: AMBLER
 Hydrologic Unit: 02040202
 Water Usage: Not Reported
 Well Depth: 25
 Casing 1: 15
 Casing 2: Not Reported
 Grouted: Not Reported
 Static Water Level: Not Reported
 Yield (gpm): Not Reported
 Drawdown: Not Reported
 Bedrock: Not Reported
 Water Bearing Zone 1: Not Reported
 Water Bearing Zone 3: Not Reported
 Municipality: AMBLER
 Aquifer: STOCKTON FORMATION

County: MONTGOMERY
 Longitude: (b) (9)
 Lat/Long Accuracy: ACCURATE TO +1 MINUTE
 Topographic Setting: HILLSIDE
 Site Usage: MONITORING
 Finish: OPEN HOLE
 Casing 1 Diameter(inches): 4
 Casing 2 Diameter(inches): Not Reported
 Date Drilled: 8-92
 Production WL: Not Reported
 Yield Measurement Method: V
 Test Time: Not Reported
 Driller: 1290
 Water Bearing Zone 2: Not Reported
 Lithology: OTHER
 Remark: ROCK TYPE: COMPACTED SILT

M56
East
1/2 - 1 Mile
Higher

PA WELLS SPAW0120184

Well ID: (b) (9)
 Owner's Name: (b) (9)
 Latitude: (b) (9)
 Quadrangle: AMBLER
 Hydrologic Unit: 02040202
 Water Usage: IRRIGATION
 Well Depth: 20
 Casing 1: Not Reported
 Casing 2: Not Reported
 Grouted: Not Reported
 Static Water Level: Not Reported
 Yield (gpm): Not Reported
 Drawdown: Not Reported
 Bedrock: Not Reported
 Water Bearing Zone 1: Not Reported
 Water Bearing Zone 3: Not Reported
 Municipality: AMBLER
 Aquifer: STOCKTON FORMATION

County: MONTGOMERY
 Longitude: (b) (9)
 Lat/Long Accuracy: ACCURATE TO +1 MINUTE
 Topographic Setting: HILLSIDE
 Site Usage: MONITORING
 Finish: OPEN HOLE
 Casing 1 Diameter(inches): 8
 Casing 2 Diameter(inches): Not Reported
 Date Drilled: 10-87
 Production WL: Not Reported
 Yield Measurement Method: Not Reported
 Test Time: Not Reported
 Driller: 512
 Water Bearing Zone 2: Not Reported
 Lithology: SHALE
 Remark: Not Reported

Q57
East
1/2 - 1 Mile
Higher

PA WELLS PASI50000027656

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid:	27656	Depcounter:	-1
Siteid:	(b) (9)	Transactioncount:	1
Localwellnumber:		Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	1	Topographycode:	1
Welldepth:	250	Elevation:	0
Elevmethodcode:	1	Accuracyofelevat:	Not Reported
Hydrologicunit:	02040203	Latlongaccuracyc:	S
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	26-FEB-77	Dateupdated:	03-MAR-90
Datareliabilityc:	U	Sourcedepthdatac:	Z
Municipalitycode:	46810		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	27657
Datedrilled:	01-JAN-28	Localpermit:	Not Reported
Sourcesitedataco:	1	Driller scoordme:	0
Latestowner:	27419	Latestwelluse:	27657
Latestproduction:	24144	GeneralCounter:	27657
Site id:	PASI50000027656		

**O58
WNW
1/2 - 1 Mile
Higher**

PA WELLS PASI50000171953

Objectid:	171953	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	231SCKN	Topographycode:	S
Welldepth:	223	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracyc:	M
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	03-FEB-99	Dateupdated:	04-FEB-99
Datareliabilityc:	L	Sourcedepthdatac:	D
Municipalitycode:	46961		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:	Not Reported	Depthtobedrock:	205
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	172064
Datedrilled:	30-SEP-76	Localpermit:	Not Reported
Sourcesitedataco:	2	Driller scoordme:	0
Latestowner:	171183	Latestwelluse:	173620
Latestproduction:	172157	GeneralCounter:	176160
Site id:	PASI500000171953		

**N59
ENE
1/2 - 1 Mile
Higher**

PA WELLS SPAW0120179

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	(b) (9)	County:	MONTGOMERY
Owner's Name:	(b) (9)	Longitude:	(b) (9)
Latitude:	(b) (9)	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	AMBLER	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040202	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	30	Casing1 Diameter(inches):	8
Casing 1:	Not Reported	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	8-92
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	V
Yield (gpm):	Not Reported	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	1290
Bedrock:	Not Reported	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	OTHER
Water Bearing Zone 3:	Not Reported	Remark:	ROCK TYPE: COMPACTED SILT
Municipality:	AMBLER		
Aquifer:	STOCKTON FORMATION		

M60
East
1/2 - 1 Mile
Higher

PA WELLS SPAW0120185

Well ID:	(b) (9)	County:	MONTGOMERY
Owner's Name:	(b) (9)	Longitude:	(b) (9)
Latitude:	(b) (9)	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	AMBLER	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040202	Site Usage:	MONITORING
Water Usage:	IRRIGATION	Finish:	OPEN HOLE
Well Depth:	20	Casing1 Diameter(inches):	8
Casing 1:	Not Reported	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	10-87
Grouted:	Not Reported	Production WL:	Not Reported
Static Water Level:	Not Reported	Yield Measurement Method:	Not Reported
Yield (gpm):	Not Reported	Test Time:	Not Reported
Drawdown:	Not Reported	Driller:	512
Bedrock:	Not Reported	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	AMBLER		
Aquifer:	STOCKTON FORMATION		

Q61
ENE
1/2 - 1 Mile
Higher

PA WELLS SPAW0120180

Well ID:	(b) (9)	County:	MONTGOMERY
Owner's Name:	(b) (9)	Longitude:	(b) (9)
Latitude:	(b) (9)	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	AMBLER	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040202	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	25	Casing1 Diameter(inches):	4
Casing 1:	15	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Not Reported	Date Drilled:	8-92
Static Water Level:	Not Reported	Production WL:	Not Reported
Yield (gpm):	Not Reported	Yield Measurement Method:	V
Drawdown:	Not Reported	Test Time:	Not Reported
Bedrock:	Not Reported	Driller:	1290
Water Bearing Zone 1:	Not Reported	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 3:	Not Reported	Lithology:	OTHER
Municipality:	AMBLER	Remark:	ROCK TYPE: COMPACTED SILT
Aquifer:	STOCKTON FORMATION		

N62
ENE
1/2 - 1 Mile
Higher

PA WELLS PASI50000164616

Objectid:	164616	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	231SCKN	Topographycode:	S
Welldepth:	50	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	02040203	Latlongaccuracy:	M
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	03-FEB-99	Dateupdated:	04-FEB-99
Datareliability:	L	Sourcedepthdata:	D
Municipalitycode:	46810		
Latituedd:	(b) (9)		
Longituedd:	(b) (9)		
Welladdress:	Not Reported	Depthtobedrock:	10
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	164727
Datedrilled:	01-SEP-89	Localpermit:	Not Reported
Sourcesitedataco:	2	Driller scoordme:	0
Latestowner:	163867	Latestwelluse:	166466
Latestproduction:	164886	GeneralCounter:	168823
Site id:	PASI50000164616		

Q63
ENE
1/2 - 1 Mile
Higher

FED USGS USGS40001010805

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-400930075130001		
Monloc name:	MG 893		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	(b) (9)
Longitude:	(b) (9)	Sourcemap scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure: 1 Horiz Collection method: Interpolated from map Horiz coord refsys: NAD83 Vert measure units: Not Reported Vert accmeasure units: Not Reported Vertcollection method: Not Reported Vert coord refsys: Not Reported Aquifername: Not Reported Formation type: Not Reported Aquifer type: Not Reported Construction date: 19280101 Welldepth units: ft Wellholedepth units: Not Reported	Horiz Acc measure units: seconds Vert measure val: Not Reported Vertacc measure val: Not Reported Countrycode: US Welldepth: 250 Wellholedepth: Not Reported
--	---

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----	-----	-----
1947-01-01	25.00	

O64
WNW
1/2 - 1 Mile
Higher

PA WELLS SPAW0127534

Well ID: (b) (9) Owner's Name: (b) (9) Latitude: (b) (9) Quadrangle: AMBLER Hydrologic Unit: Not Reported Water Usage: DOMESTIC Well Depth: 150 Casing 1: 41 Casing2: Not Reported Grouted: Not Reported Static Water Level: Not Reported Yield (gpm): 30 Drawdown: Not Reported Bedrock: 5 Water Bearing Zone 1: 70 Water Bearing Zone 3: Not Reported Municipality: WHITPAIN Aquifer: STOCKTON FORMATION	County: MONTGOMERY Longitude: (b) (9) Lat/Long Accuracy: ACCURATE TO +1 MINUTE Topographic Setting: HILLSIDE Site Usage: WITHDRAWAL Finish: OPEN HOLE Casing1 Diameter(inches): 6 Casing2 Diameter(inches): Not Reported Date Drilled: 4-78 Production WL: Not Reported Yield Measurement Method: V Test Time: Not Reported Driller: 514 Water Bearing Zone 2: 140 Lithology: SANDSTONE Remark: Not Reported
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Q65
ENE
1/2 - 1 Mile
Higher

PA WELLS PASI50000164612

Objectid: 164612 Siteid: Not Reported Localwellnumber: (b) (9) Latitude: Not Reported Aapgcode: 231SCKN Welldepth: 25 Elevmethodcode: Not Reported Hydrologicunit: 02040203 Quadcode: 1744 Datecreated: 03-FEB-99	Depcounter: -1 Transactioncount: 0 Countycode: 091 Longitude: Not Reported Topographycode: S Elevation: 0 Accuracyofelevat: Not Reported Latlongaccuracy: M Typeofsitecode: W Dateupdated: 04-FEB-99
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Data reliability:	L	Sourcedepthdata:	D
Municipalitycode:	46810		
Latitude:	(b) (9)		
Longitude:			
Well address:	Not Reported		
Well zip code:	Not Reported	Depth to bedrock:	4
Bedrock not reach:	0	Saltwater zone:	0
Date drilled:	01-AUG-89	Pagwis id:	164723
Source site data code:	2	Local permit:	Not Reported
Latest owner:	163863	Driller score:	0
Latest production:	164882	Latest well use:	166462
Site id:	PASI50000164612	General Counter:	168819

Q66
ENE
1/2 - 1 Mile
Higher

PA WELLS PASI50000164615

Objectid:	164615	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aappcode:	231SCKN	Topographycode:	S
Welldepth:	25	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	02040203	Latlongaccuracy:	M
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	03-FEB-99	Dateupdated:	04-FEB-99
Data reliability:	L	Sourcedepthdata:	D
Municipalitycode:	46810		
Latitude:	(b) (9)		
Longitude:			
Well address:	Not Reported		
Well zip code:	Not Reported	Depth to bedrock:	9
Bedrock not reach:	0	Saltwater zone:	0
Date drilled:	01-SEP-89	Pagwis id:	164726
Source site data code:	2	Local permit:	Not Reported
Latest owner:	163866	Driller score:	0
Latest production:	164885	Latest well use:	166465
Site id:	PASI50000164615	General Counter:	168822

R67
ENE
1/2 - 1 Mile
Higher

PA WELLS PASI50000164604

Objectid:	164604	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aappcode:	231SCKN	Topographycode:	S
Welldepth:	21	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	02040202	Latlongaccuracy:	M
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	03-FEB-99	Dateupdated:	04-FEB-99

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Data reliability:	L	Source depth data:	D
Municipality code:	46810		
Latitude:	(b) (9)		
Longitude:			
Well address:	Not Reported		
Well zip code:	Not Reported	Depth to bedrock:	7
Bedrock not reached:	0	Saltwater zone:	0
Date drilled:	01-AUG-90	Pagwis id:	164715
Source site data code:	2	Local permit:	Not Reported
Latest owner:	163855	Driller score:	0
Latest production:	164874	Latest well use:	166454
Site id:	PASI50000164604	General Counter:	168811

Q68
ENE
1/2 - 1 Mile
Higher

PA WELLS SPAW0120195

Well ID:	(b) (9)	County:	MONTGOMERY
Owner's Name:		Longitude:	(b) (9)
Latitude:		Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	AMBLER	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	50	Casing1 Diameter(inches):	4
Casing 1:	40	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	9-89
Grouted:	Not Reported	Production WL:	50
Static Water Level:	20	Yield Measurement Method:	V
Yield (gpm):	0.5	Test Time:	0.5
Drawdown:	30	Driller:	188
Bedrock:	10	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	0.5	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	AMBLER		
Aquifer:	STOCKTON FORMATION		

Q69
ENE
1/2 - 1 Mile
Higher

PA WELLS PASI50000164611

Objectid:	164611	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	231SCKN	Topographycode:	S
Welldepth:	25	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	02040203	Latlongaccuracy:	M
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	03-FEB-99	Dateupdated:	04-FEB-99

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Data reliability:	L	Sourcedepthdata:	D
Municipalitycode:	46810		
Latitude:	(b) (9)		
Longitude:			
Well address:	Not Reported		
Well zip code:	Not Reported	Depth to bedrock:	8
Bedrock not reached:	0	Saltwater zone:	0
Datedrilled:	01-SEP-89	Pagwis id:	164722
Sourcesitedata:	2	Local permit:	Not Reported
Latest owner:	163862	Driller scoordme:	0
Latest production:	164881	Latest well use:	166461
Site id:	PASI50000164611	General Counter:	168818

**S70
WNW
1/2 - 1 Mile
Higher**

PA WELLS PASI50000171954

Objectid:	171954	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aappcode:	231SCKN	Topographycode:	S
Welldepth:	150	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	M
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	03-FEB-99	Dateupdated:	04-FEB-99
Data reliability:	L	Sourcedepthdata:	D
Municipalitycode:	46961		
Latitude:	(b) (9)		
Longitude:			
Well address:	Not Reported		
Well zip code:	Not Reported	Depth to bedrock:	5
Bedrock not reached:	0	Saltwater zone:	0
Datedrilled:	01-APR-78	Pagwis id:	172065
Sourcesitedata:	2	Local permit:	Not Reported
Latest owner:	171184	Driller scoordme:	0
Latest production:	172158	Latest well use:	173621
Site id:	PASI50000171954	General Counter:	176161

**Q71
ENE
1/2 - 1 Mile
Higher**

PA WELLS PASI50000164614

Objectid:	164614	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aappcode:	231SCKN	Topographycode:	S
Welldepth:	25	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	02040203	Latlongaccuracy:	M
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	03-FEB-99	Dateupdated:	04-FEB-99

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Data reliability:	L	Source depth data:	D
Municipality code:	46810		
Latitude:	(b) (9)		
Longitude:			
Well address:	Not Reported		
Well zip code:	Not Reported	Depth to bedrock:	9
Bedrock not reached:	0	Saltwater zone:	0
Date drilled:	01-SEP-89	Pagwis id:	164725
Source site data code:	2	Local permit:	Not Reported
Latest owner:	163865	Driller score:	0
Latest production:	164884	Latest well use:	166464
Site id:	PAS150000164614	General counter:	168821

Q72
ENE
1/2 - 1 Mile
Higher

PA WELLS SPAW0120191

Well ID:	(b) (9)	County:	MONTGOMERY
Owner's Name:		Longitude:	(b) (9)
Latitude:		Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	AMBLER	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	25	Casing1 Diameter(inches):	4
Casing 1:	15	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	8-89
Grouted:	Not Reported	Production WL:	25
Static Water Level:	16	Yield Measurement Method:	V
Yield (gpm):	1	Test Time:	0.5
Drawdown:	9	Driller:	188
Bedrock:	4	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	17	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	AMBLER		
Aquifer:	STOCKTON FORMATION		

R73
ENE
1/2 - 1 Mile
Higher

PA WELLS SPAW0120194

Well ID:	(b) (9)	County:	MONTGOMERY
Owner's Name:		Longitude:	(b) (9)
Latitude:		Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	AMBLER	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	25	Casing1 Diameter(inches):	4
Casing 1:	15	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	9-89
Grouted:	Not Reported	Production WL:	25
Static Water Level:	16	Yield Measurement Method:	V
Yield (gpm):	2	Test Time:	0.5
Drawdown:	9	Driller:	188
Bedrock:	9	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	18	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	AMBLER		
Aquifer:	STOCKTON FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

74
ESE
1/2 - 1 Mile
Higher

PA WELLS PASI50000027625

Objectid:	27625	Depcounter:	-1
Siteid:	400910075125901	Transactioncount:	1
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aappcode:	231SCKNL	Topographycode:	S
Welldepth:	500	Elevation:	215
Elevmethodcode:	M	Accuracyofelevat:	5
Hydrologicunit:	02040203	Latlongaccuracyc:	S
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	26-MAY-87	Dateupdated:	03-MAR-90
Datareliabilityc:	U	Sourcedepthdatac:	Z
Municipalitycode:	46810		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	27626
Datedrilled:	01-JAN-72	Localpermit:	Not Reported
Sourcesitedataco:	1	Driller scoordme:	0
Latestowner:	27390	Latestwelluse:	27626
Latestproduction:	24128	GeneralCounter:	27626
Site id:	PASI50000027625		

Q75
ENE
1/2 - 1 Mile
Higher

PA WELLS PASI50000164610

Objectid:	164610	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aappcode:	231SCKN	Topographycode:	S
Welldepth:	25	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	02040203	Latlongaccuracyc:	M
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	03-FEB-99	Dateupdated:	04-FEB-99
Datareliabilityc:	L	Sourcedepthdatac:	D
Municipalitycode:	46810		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:	Not Reported	Depthtobedrock:	8
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	164721
Datedrilled:	01-SEP-89	Localpermit:	Not Reported
Sourcesitedataco:	2	Driller scoordme:	0
Latestowner:	163861		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latestproduction: 164880
 Site id: PASI50000164610

Latestwelluse: 166460
 GeneralCounter: 168817

R76
ENE
1/2 - 1 Mile
Higher

PA WELLS SPAW0120183

<p>Well ID: (b) (9)</p> <p>Owner's Name: (b) (9)</p> <p>Latitude: (b) (9)</p> <p>Quadrangle: AMBLER</p> <p>Hydrologic Unit: 02040202</p> <p>Water Usage: Not Reported</p> <p>Well Depth: 21</p> <p>Casing 1: 10</p> <p>Casing2: Not Reported</p> <p>Grouted: Not Reported</p> <p>Static Water Level: Not Reported</p> <p>Yield (gpm): Not Reported</p> <p>Drawdown: Not Reported</p> <p>Bedrock: 7</p> <p>Water Bearing Zone 1: Not Reported</p> <p>Water Bearing Zone 3: Not Reported</p> <p>Municipality: AMBLER</p> <p>Aquifer: STOCKTON FORMATION</p>	<p>County: MONTGOMERY</p> <p>Longitude: (b) (9)</p> <p>Lat/Long Accuracy: ACCURATE TO +1 MINUTE</p> <p>Topographic Setting: HILLSIDE</p> <p>Site Usage: MONITORING</p> <p>Finish: OPEN HOLE</p> <p>Casing1 Diameter(inches): 4</p> <p>Casing2 Diameter(inches): Not Reported</p> <p>Date Drilled: 8-90</p> <p>Production WL: Not Reported</p> <p>Yield Measurement Method: V</p> <p>Test Time: 0.5</p> <p>Driller: 188</p> <p>Water Bearing Zone 2: Not Reported</p> <p>Lithology: SHALE</p> <p>Remark: Not Reported</p>
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Q77
ENE
1/2 - 1 Mile
Higher

PA WELLS PASI50000164613

<p>Objectid: 164613</p> <p>Siteid: Not Reported</p> <p>Localwellnumber: (b) (9)</p> <p>Latitude: Not Reported</p> <p>Aapgcode: 231SCKN</p> <p>Welldepth: 25</p> <p>Elevmethodcode: Not Reported</p> <p>Hydrologicunit: 02040203</p> <p>Quadcode: 1744</p> <p>Datecreated: 03-FEB-99</p> <p>Datareliability: L</p> <p>Municipalitycode: 46810</p> <p>Latitudedd: (b) (9)</p> <p>Longitudedd: (b) (9)</p> <p>Welladdress: Not Reported</p> <p>Wellzipcode: Not Reported</p> <p>Bedrocknotreache: 0</p> <p>Datedrilled: 01-AUG-89</p> <p>Sourcesitedataco: 2</p> <p>Latestowner: 163864</p>	<p>Depcounter: -1</p> <p>Transactioncount: 0</p> <p>Countycode: 091</p> <p>Longitude: Not Reported</p> <p>Topographycode: S</p> <p>Elevation: 0</p> <p>Accuracyofelevat: Not Reported</p> <p>Latlongaccuracy: M</p> <p>Typeofsitecode: W</p> <p>Dateupdated: 04-FEB-99</p> <p>Sourcedepthdatac: D</p> <p>Depthtobedrock: 8</p> <p>Saltwaterzone: 0</p> <p>Pagwis id: 164724</p> <p>Localpermit: Not Reported</p> <p>Driller scoordme: 0</p>
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latest production: 164883
 Site id: PASI50000164613

Latest well use: 166463
 General Counter: 168820

S78
WNW
1/2 - 1 Mile
Higher

FED USGS USGS40001010855

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-400934075143301		
Monloc name:	MG 364		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainage area value:	Not Reported
Drainage area Units:	Not Reported	Contrib drainage area:	Not Reported
Contrib drainage area units:	Not Reported	Latitude:	(b) (9)
Longitude:	(b) (9)	Source map scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refs:	NAD83	Vert measure val:	210
Vert measure units:	feet	Vertacc measure val:	5
Vert acc measure units:	feet		
Vert collection method:	Interpolated from topographic map		
Vert coord refs:	NGVD29	Country code:	US
Aquifer name:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19470101	Well depth:	175
Well depth units:	ft	Well hole depth:	Not Reported
Well hole depth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

Q79
ENE
1/2 - 1 Mile
Higher

PA WELLS SPAW0120190

Well ID:	(b) (9)	County:	MONTGOMERY
Owner's Name:	(b) (9)	Longitude:	(b) (9)
Latitude:	(b) (9)	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	AMBLER	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	25	Casing1 Diameter(inches):	4
Casing 1:	15	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	9-89
Grouted:	Not Reported	Production WL:	25
Static Water Level:	16	Yield Measurement Method:	V
Yield (gpm):	2	Test Time:	0.5
Drawdown:	9	Driller:	188
Bedrock:	8	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	19	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	AMBLER		
Aquifer:	STOCKTON FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

R80
ENE
1/2 - 1 Mile
Higher

PA WELLS SPAW0120193

Well ID:	(b) (9)	County:	MONTGOMERY
Owner's Name:	(b) (9)	Longitude:	(b) (9)
Latitude:	(b) (9)	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	AMBLER	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	25	Casing1 Diameter(inches):	4
Casing 1:	15	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	9-89
Grouted:	Not Reported	Production WL:	25
Static Water Level:	15	Yield Measurement Method:	V
Yield (gpm):	0.5	Test Time:	0.5
Drawdown:	10	Driller:	188
Bedrock:	9	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	18	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	AMBLER		
Aquifer:	STOCKTON FORMATION		

S81
WNW
1/2 - 1 Mile
Higher

PA WELLS PASI50000027659

Objectid:	27659	Depcounter:	-1
Siteid:	(b) (9)	Transactioncount:	1
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aappcode:	1	Topographycode:	V
Welldepth:	175	Elevation:	210
Elevmethodcode:	M	Accuracyofelevat:	5
Hydrologicunit:	02040203	Latlongaccuracy:	S
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	26-FEB-77	Dateupdated:	03-MAR-90
Datareliability:	U	Sourcedepthdata:	Z
Municipalitycode:	46961		
Latituedd:	(b) (9)		
Longitudedd:	(b) (9)		
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	27660
Datedrilled:	01-JAN-47	Localpermit:	Not Reported
Sourcesitedata:	1	Driller scoordme:	0
Latestowner:	0	Latestwelluse:	27660
Latestproduction:	0	GeneralCounter:	27660
Site id:	PASI50000027659		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

82
WNW
1/2 - 1 Mile
Higher

PA WELLS PASI50000394508

Objectid:	394508	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	Not Reported	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aappcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	460	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	0	Typeofsitecode:	W
Datecreated:	10-JAN-12	Dateupdated:	Not Reported
Datareliability:	Not Reported	Sourcedepthdata:	Not Reported
Municipalitycode:	Not Reported		
Latituedd:	(b) (9)		
Longitudedd:			
Welladdress:			
Wellzipcode:	Not Reported	Depthtobedrock:	6
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	09-DEC-11	Pagwis id:	0
Sourcesitedataco:	3	Localpermit:	w50115
Latestowner:	7457554	Driller scoordme:	1
Latestproduction:	4484195	Latestwelluse:	9922421
Site id:	PASI50000394508	GeneralCounter:	487766

R83
ENE
1/2 - 1 Mile
Higher

PA WELLS SPAW0120189

Well ID:	(b) (9)	County	MONTGOMERY
Owner's Name:		Longitude:	(b) (9)
Latitude:		Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	AMBLER	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	25	Casing1 Diameter(inches):	4
Casing 1:	15	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	9-89
Grouted:	Not Reported	Production WL:	25
Static Water Level:	15	Yield Measurement Method:	V
Yield (gpm):	2	Test Time:	0.5
Drawdown:	10	Driller:	188
Bedrock:	8	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	16	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	AMBLER		
Aquifer:	STOCKTON FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

S84
WNW
1/2 - 1 Mile
Higher

PA WELLS PASI50000407597

Objectid:	407597	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	Not Reported	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aappcode:	Not Reported	Topographycode:	Not Reported
Welldepth:	304	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	Not Reported	Latlongaccuracy:	Not Reported
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	06-AUG-12	Dateupdated:	Not Reported
Datareliability:	Not Reported	Sourcedepthdata:	Not Reported
Municipalitycode:	46961		
Latituedd:	(b) (9)		
Longituedd:			
Welladdress:			
Wellzipcode:		Depthtobedrock:	4
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	13-SEP-10	Pagwis id:	0
Sourcesitedataco:	3	Localpermit:	Not Reported
Latestowner:	7471082	Driller scoordme:	1
Latestproduction:	4494187	Latestwelluse:	9895715
Site id:	PASI50000407597	GeneralCounter:	500855

R85
ENE
1/2 - 1 Mile
Higher

PA WELLS SPAW0120192

Well ID:	(b) (9)	County	MONTGOMERY
Owner's Name:	(b) (9)	Longitude:	(b) (9)
Latitude:	(b) (9)	Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	AMBLER	Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040203	Site Usage:	MONITORING
Water Usage:	Not Reported	Finish:	OPEN HOLE
Well Depth:	25	Casing1 Diameter(inches):	4
Casing 1:	15	Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported	Date Drilled:	8-89
Grouted:	Not Reported	Production WL:	25
Static Water Level:	15	Yield Measurement Method:	V
Yield (gpm):	2	Test Time:	0.5
Drawdown:	10	Driller:	188
Bedrock:	8	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	16	Lithology:	SHALE
Water Bearing Zone 3:	Not Reported	Remark:	Not Reported
Municipality:	AMBLER		
Aquifer:	STOCKTON FORMATION		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

T86
ENE
1/2 - 1 Mile
Higher

PA WELLS PASI50000164609

Objectid:	164609	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aappgcode:	231SCKN	Topographycode:	S
Welldepth:	37	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	02040202	Latlongaccuracyc:	M
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	03-FEB-99	Dateupdated:	04-FEB-99
Datareliabilityc:	L	Sourcedepthdatac:	D
Municipalitycode:	46810		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	164720
Datedrilled:	01-JUL-91	Localpermit:	Not Reported
Sourcesitedataco:	2	Driller scoordme:	0
Latestowner:	163860	Latestwelluse:	166459
Latestproduction:	164879	GeneralCounter:	168816
Site id:	PASI50000164609		

T87
ENE
1/2 - 1 Mile
Higher

PA WELLS PASI50000164608

Objectid:	164608	Depcounter:	-1
Siteid:	Not Reported	Transactioncount:	0
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aappgcode:	231SCKN	Topographycode:	S
Welldepth:	32	Elevation:	0
Elevmethodcode:	Not Reported	Accuracyofelevat:	Not Reported
Hydrologicunit:	02040202	Latlongaccuracyc:	M
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	03-FEB-99	Dateupdated:	04-FEB-99
Datareliabilityc:	L	Sourcedepthdatac:	D
Municipalitycode:	46810		
Latitudedd:	(b) (9)		
Longitudedd:			
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	164719
Datedrilled:	01-JUL-91	Localpermit:	Not Reported
Sourcesitedataco:	2	Driller scoordme:	0
Latestowner:	163859		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latest production: 164878
 Site id: PASI50000164608

Latest well use: 166458
 General Counter: 168815

U88
ENE
1/2 - 1 Mile
Higher

Site ID:	46-41441		AQUIFLOW 41181
Groundwater Flow:	SE		
Shallowest Water Table Depth:	19		
Deepest Water Table Depth:	23		
Average Water Table Depth:	Not Reported		
Date:	Not Reported		

U89
ENE
1/2 - 1 Mile
Higher

Site ID:	46-24561		AQUIFLOW 46223
Groundwater Flow:	Not Reported		
Shallowest Water Table Depth:	13.37		
Deepest Water Table Depth:	Not Reported		
Average Water Table Depth:	Not Reported		
Date:	08/1988		

T90
ENE
1/2 - 1 Mile
Higher

PA WELLS SPAW0120188

Well ID:	(b) (9)		County	MONTGOMERY
Owner's Name:	(b) (9)		Longitude:	(b) (9)
Latitude:	(b) (9)		Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	AMBLER		Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040202		Site Usage:	MONITORING
Water Usage:	Not Reported		Finish:	OPEN HOLE
Well Depth:	37		Casing1 Diameter(inches):	4
Casing 1:	25		Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported		Date Drilled:	7-91
Grouted:	Not Reported		Production WL:	Not Reported
Static Water Level:	Not Reported		Yield Measurement Method:	V
Yield (gpm):	Not Reported		Test Time:	Not Reported
Drawdown:	Not Reported		Driller:	1290
Bedrock:	Not Reported		Water Bearing Zone 2:	Not Reported
Water Bearing Zone 1:	Not Reported		Lithology:	SHALE
Water Bearing Zone 3:	Not Reported		Remark:	Not Reported
Municipality:	AMBLER			
Aquifer:	STOCKTON FORMATION			

T91
ENE
1/2 - 1 Mile
Higher

PA WELLS SPAW0120187

Well ID:	(b) (9)		County	MONTGOMERY
Owner's Name:	(b) (9)		Longitude:	(b) (9)
Latitude:	(b) (9)		Lat/Long Accuracy:	ACCURATE TO +1 MINUTE
Quadrangle:	AMBLER		Topographic Setting:	HILLSIDE
Hydrologic Unit:	02040202		Site Usage:	MONITORING
Water Usage:	Not Reported		Finish:	OPEN HOLE
Well Depth:	32		Casing1 Diameter(inches):	4
Casing 1:	20		Casing2 Diameter(inches):	Not Reported
Casing2:	Not Reported			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Not Reported	Date Drilled:	7-91
Static Water Level:	Not Reported	Production WL:	Not Reported
Yield (gpm):	Not Reported	Yield Measurement Method:	V
Drawdown:	Not Reported	Test Time:	Not Reported
Bedrock:	Not Reported	Driller:	1290
Water Bearing Zone 1:	Not Reported	Water Bearing Zone 2:	Not Reported
Water Bearing Zone 3:	Not Reported	Lithology:	SHALE
Municipality:	AMBLER	Remark:	Not Reported
Aquifer:	STOCKTON FORMATION		

V92
SSW
1/2 - 1 Mile
Higher

FED USGS USGS40001010423

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-400843075141101		
Monloc name:	MG 314		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	(b) (9)
Longitude:	(b) (9)	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	245
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Early Mesozoic basin aquifers		
Formation type:	Stockton Formation		
Aquifer type:	Not Reported		
Construction date:	19530101	Welldepth:	375
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

V93
SSW
1/2 - 1 Mile
Higher

PA WELLS PASI50000027589

Objectid:	27589	Depcounter:	-1
Siteid:	(b) (9)	Transactioncount:	1
Localwellnumber:	(b) (9)	Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aapgcode:	231SCKN	Topographycode:	V
Welldepth:	375	Elevation:	245
Elevmethodcode:	M	Accuracyofelevat:	5
Hydrologicunit:	02040203	Latlongaccuracy:	S
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	26-FEB-77	Dateupdated:	03-MAR-90

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Data reliability:	U	Source depth data:	Z
Municipality code:	46960		
Latitude:	(b) (9)		
Longitude:			
Well address:	Not Reported		
Well zip code:	Not Reported	Depth to bedrock:	0
Bedrock not reached:	0	Saltwater zone:	0
Date drilled:	01-JAN-53	Pagwis id:	27590
Source site data code:	1	Local permit:	Not Reported
Latest owner:	27355	Driller score:	0
Latest production:	0	Latest well use:	27590
Site id:	PASI50000027589	General counter:	27590

**W94
SSW
1/2 - 1 Mile
Higher**

FED USGS USGS40001010406

Org. Identifier:	USGS-PA		
Formal name:	USGS Pennsylvania Water Science Center		
Monloc Identifier:	USGS-400840075141701		
Monloc name:	MG 315		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02040203	Drainage area value:	Not Reported
Drainage area units:	Not Reported	Contrib drainage area:	Not Reported
Contrib drainage area units:	Not Reported	Latitude:	(b) (9)
Longitude:	(b) (9)	Source map scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refs:	NAD83	Vert measure val:	255
Vert measure units:	feet	Vert acc measure val:	5
Vert acc measure units:	feet		
Vert collection method:	Interpolated from topographic map		
Vert coord refs:	NGVD29	Country code:	US
Aquifer name:	Early Mesozoic basin aquifers		
Formation type:	Stockton Formation		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Well depth:	Not Reported
Well depth units:	Not Reported	Well hole depth:	Not Reported
Well hole depth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**95
SE
1/2 - 1 Mile
Lower**

PA WELLS PASI50000027597

Objectid:	27597	Depcounter:	-1
Siteid:	(b) (9)	Transaction count:	1
Local well number:		County code:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aappcode:	231SCKNL	Topographic code:	V
Well depth:	400	Elevation:	175
Elev method code:	M	Accuracy of elevat:	5
Hydrologic unit:	02040203	Lat long accuracy:	F
Quad code:	1744	Type of site code:	W
Date created:	10-AUG-87	Date updated:	03-MAR-90

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Data reliability:	U	Sourcedepthdata:	O
Municipalitycode:	46951		
Latitude:	(b) (9)		
Longitude:			
Welladdress:	Not Reported		
Wellzipcode:	Not Reported	Depthtobedrock:	0
Bedrocknotreache:	0	Saltwaterzone:	0
Datedrilled:	01-JAN-68	Pagwis id:	27598
Sourcesitedataco:	1	Localpermit:	Not Reported
Latestowner:	27363	Driller scoordme:	0
Latestproduction:	0	Latestwelluse:	27598
Site id:	PASI50000027597	GeneralCounter:	27598

**W96
SSW
1/2 - 1 Mile
Higher**

PA WELLS PASI50000027586

Objectid:	27586	Depcounter:	-1
Siteid:	(b) (9)	Transactioncount:	1
Localwellnumber:		Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aappcode:	231SCKN	Topographycode:	V
Welldepth:	0	Elevation:	255
Elevmethodcode:	M	Accuracyofelevat:	5
Hydrologicunit:	02040203	Latlongaccuracy:	S
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	26-FEB-77	Dateupdated:	03-MAR-90
Data reliability:	U	Sourcedepthdata:	Z
Municipalitycode:	46960		
Latitude:	(b) (9)		
Longitude:			
Welladdress:	Not Reported	Depthtobedrock:	0
Wellzipcode:	Not Reported	Saltwaterzone:	0
Bedrocknotreache:	0	Pagwis id:	27587
Datedrilled:	Not Reported	Localpermit:	Not Reported
Sourcesitedataco:	1	Driller scoordme:	0
Latestowner:	27352	Latestwelluse:	27587
Latestproduction:	0	GeneralCounter:	27587
Site id:	PASI50000027586		

**97
ENE
1/2 - 1 Mile
Higher**

PA WELLS PASI50000027674

Objectid:	27674	Depcounter:	-1
Siteid:	(b) (9)	Transactioncount:	1
Localwellnumber:		Countycode:	091
Latitude:	Not Reported	Longitude:	Not Reported
Aappcode:	231SCKNL	Topographycode:	W
Welldepth:	260	Elevation:	260
Elevmethodcode:	M	Accuracyofelevat:	10
Hydrologicunit:	02040203	Latlongaccuracy:	S
Quadcode:	1744	Typeofsitecode:	W
Datecreated:	26-MAY-87	Dateupdated:	03-MAR-90

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Data reliability:	U	Source depth data:	Z
Municipality code:	46951		
Latitude:	(b) (9)		
Longitude:			
Well address:	Not Reported		
Well zip code:	Not Reported	Depth to bedrock:	0
Bedrock not reached:	0	Saltwater zone:	0
Date drilled:	01-APR-78	Pagwis id:	27675
Source data code:	1	Local permit:	Not Reported
Latest owner:	27436	Driller score:	0
Latest production:	39607	Latest well use:	27675
Site id:	PAS150000027674	General Counter:	27675

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
19002	6457	0	150.1	4.6

EPA Region 3 Statistical Summary Readings for Zip Code: 19002

Number of sites tested: 1515.

Maximum Radon Level: 329.3 pCi/L.

Minimum Radon Level: 0.1 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
1064 (70.23%)	292 (19.27%)	94 (6.20%)	53 (3.50%)	10 (0.66%)	2 (0.13%)

Federal EPA Radon Zone for MONTGOMERY County: 1

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 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 Public Water Supply Wells

Source: Pennsylvania Department of Environmental Resources Bureau of Water Supply

Telephone: 717-787-5017

Pennsylvania Groundwater Information System

Source: Department of Conservation and Natural Resources

Telephone: 717-702-2045

OTHER STATE DATABASE INFORMATION

Pennsylvania Oil and Gas Locations

Source: Pennsylvania Department of Environmental Protection

Telephone: 814-863-0104

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

RADON

State Database: PA Radon

Source: Department of Environmental Protection

Telephone: 717-783-3594

Radon Test Results Statistics by Zip Code

Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Region 3 Statistical Summary Readings

Source: Region 3 EPA

Telephone: 215-814-2082

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

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

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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**ATTACHMENT B
SANBORN® MAPS**

Ambler Groundwater VOC Plume

246 W. Maple Street

Ambler, PA 19002

Inquiry Number: 4626495.3

May 23, 2016

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

05/23/16

Site Name:

Ambler Groundwater VOC Plur
246 W. Maple Street
Ambler, PA 19002
EDR Inquiry # 4626495.3

Client Name:

Weston Solutions, Inc.
205 Campus Drive
Edison, NJ 08837
Contact: (b) (4)



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Weston Solutions, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # C21A-429C-A5BF
PO # NA
Project Ambler Groundwater VOC Plume

Maps Provided:

1954
1945
1930
1921
1909



Sanborn® Library search results

Certification #: C21A-429C-A5BF

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.



1954 Source Sheets

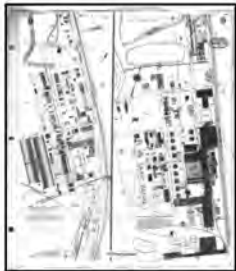


Volume 1, Sheet 9
1954



Volume 1, Sheet 10
1954

1945 Source Sheets



Volume 1, Sheet 9
1945



Volume 1, Sheet 10
1945

1930 Source Sheets

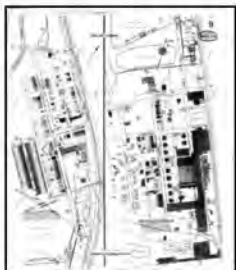


Volume 1, Sheet 9
1930



Volume 1, Sheet 10
1930

1921 Source Sheets



Volume 1, Sheet 9
1921



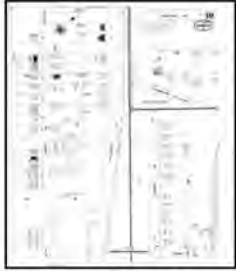
Volume 1, Sheet 10
1921

Sanborn Sheet Key

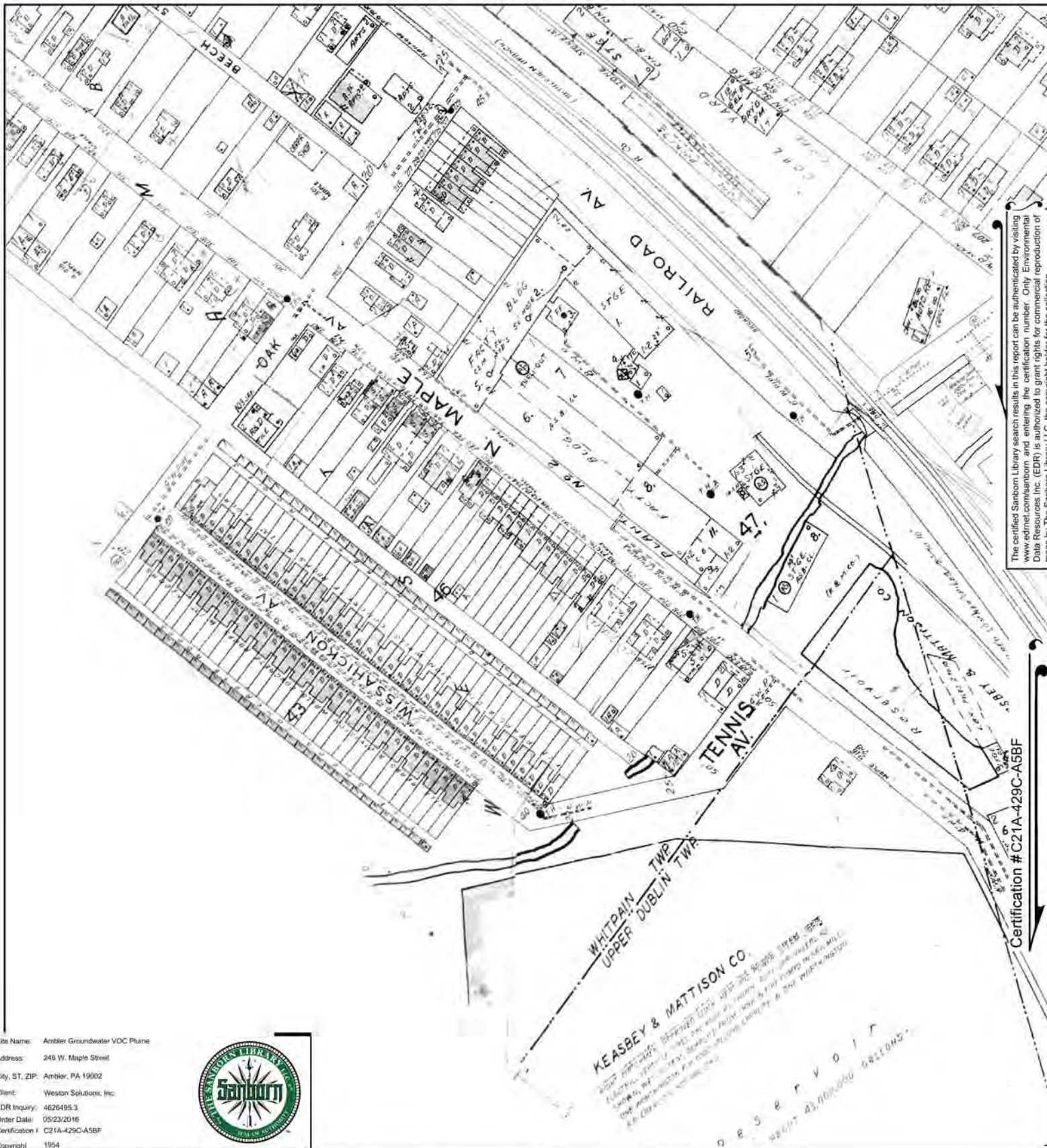
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1909 Source Sheets



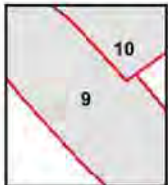
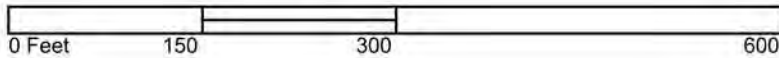
Volume 1, Sheet 10
1909



Site Name: Ambler Groundwater VOC Plane
 Address: 246 W. Maple Street
 City, ST, ZIP: Ambler, PA 19002
 Client: Weston Solutions, Inc.
 EDR Inquiry: 4626495.3
 Order Date: 05/23/2016
 Certification I: C21A-429C-A5BF
 Copyright: 1954

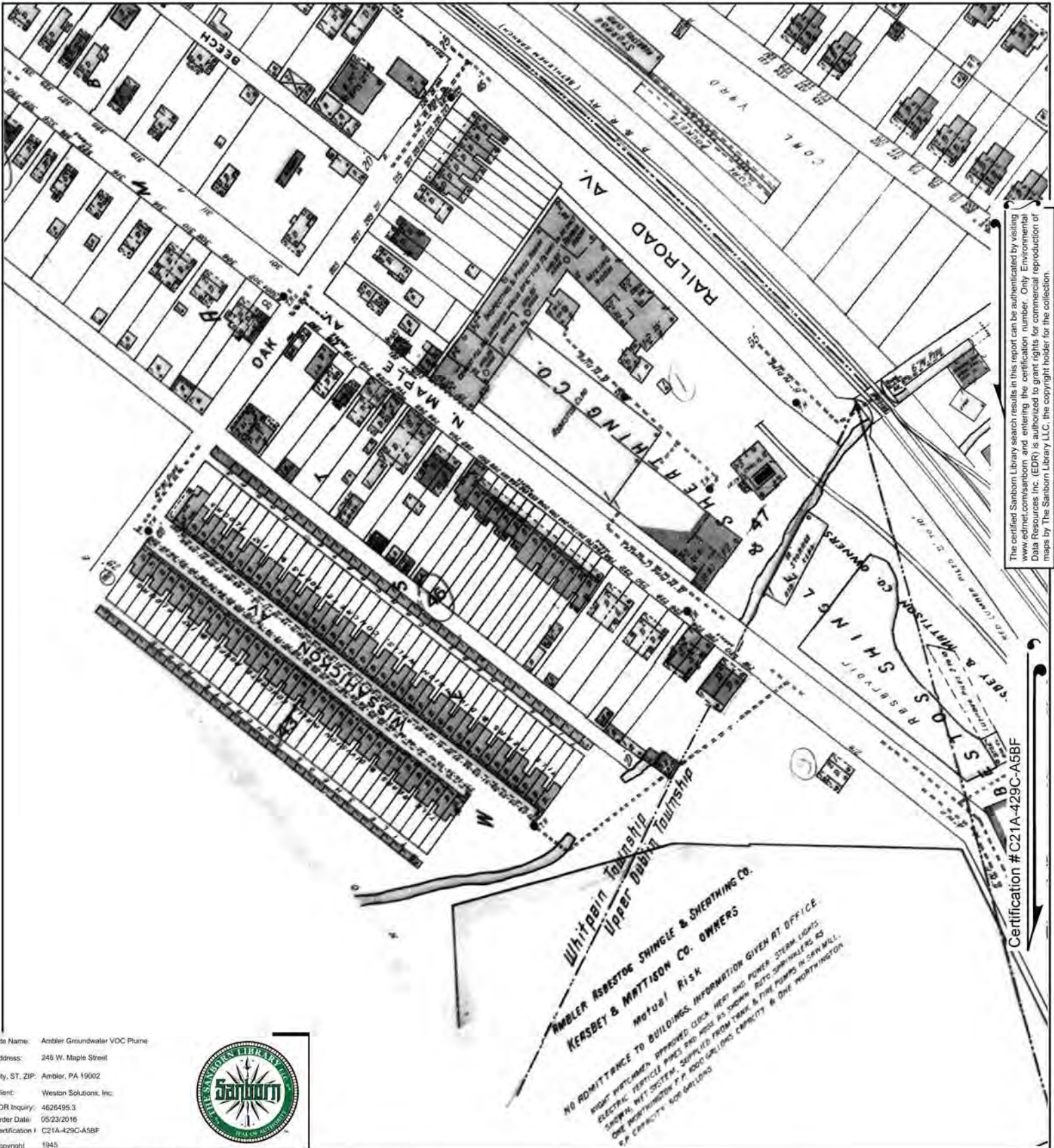


This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 10
 Volume 1, Sheet 9





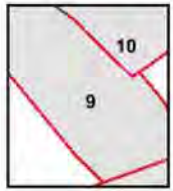
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Certification # C21A-429C-A5BF

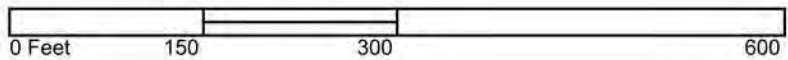
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 Address: 246 W. Maple Street
 City, ST, ZIP: Ambler, PA 19002
 Client: Weston Solutions, Inc.
 EDR Inquiry: 4626495.3
 Order Date: 05/23/2016
 Certification I: C21A-429C-A5BF
 Copyright: 1945

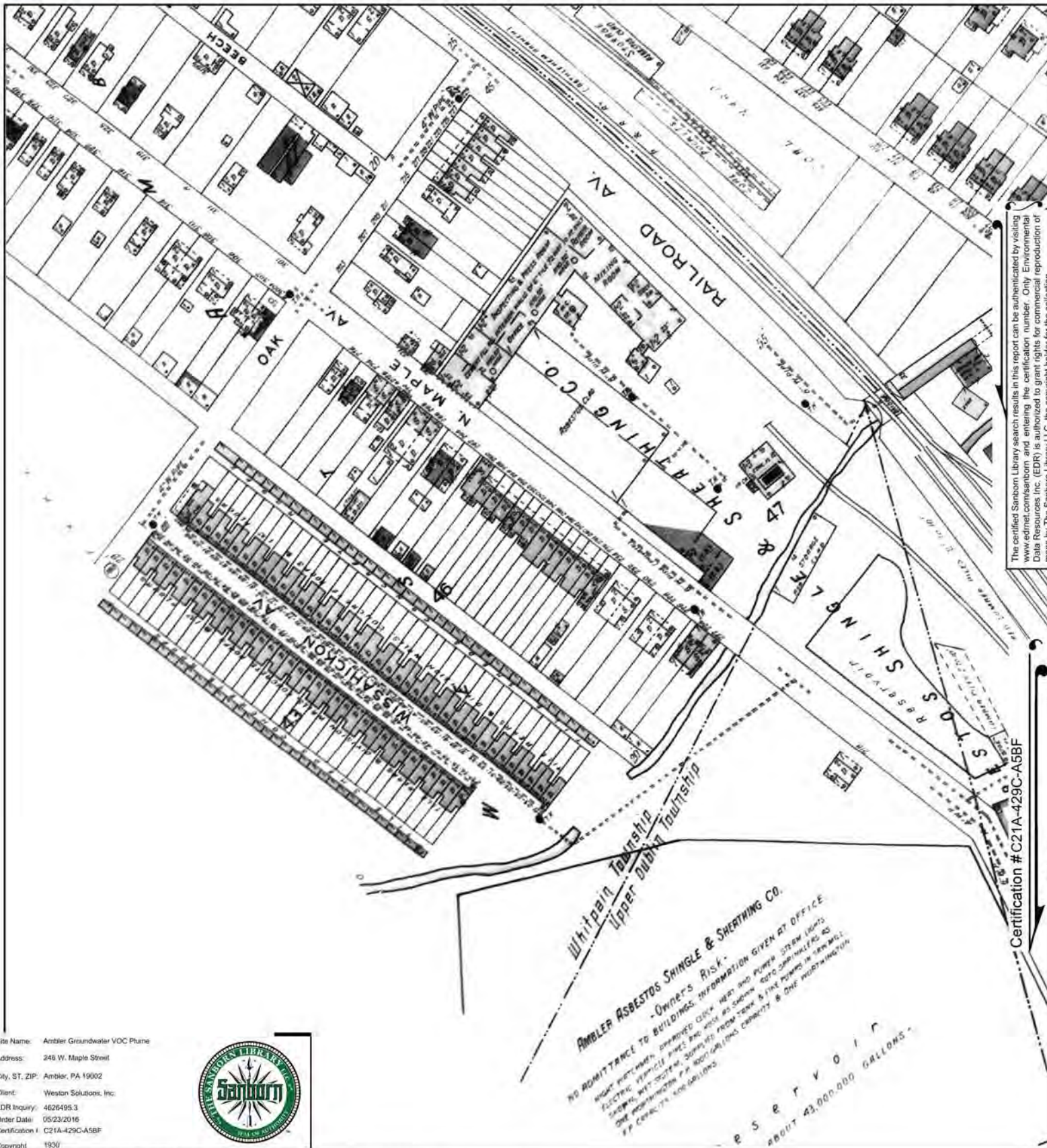


This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 10
 Volume 1, Sheet 9

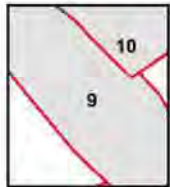
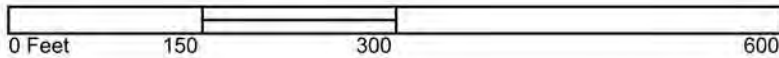




Site Name: Ambler Groundwater VOC Plume
 Address: 246 W. Maple Street
 City, ST, ZIP: Ambler, PA 19002
 Client: Weston Solutions, Inc.
 EDR Inquiry: 4626495.3
 Order Date: 05/23/2016
 Certification I: C21A-429C-A5BF
 Copyright: 1930

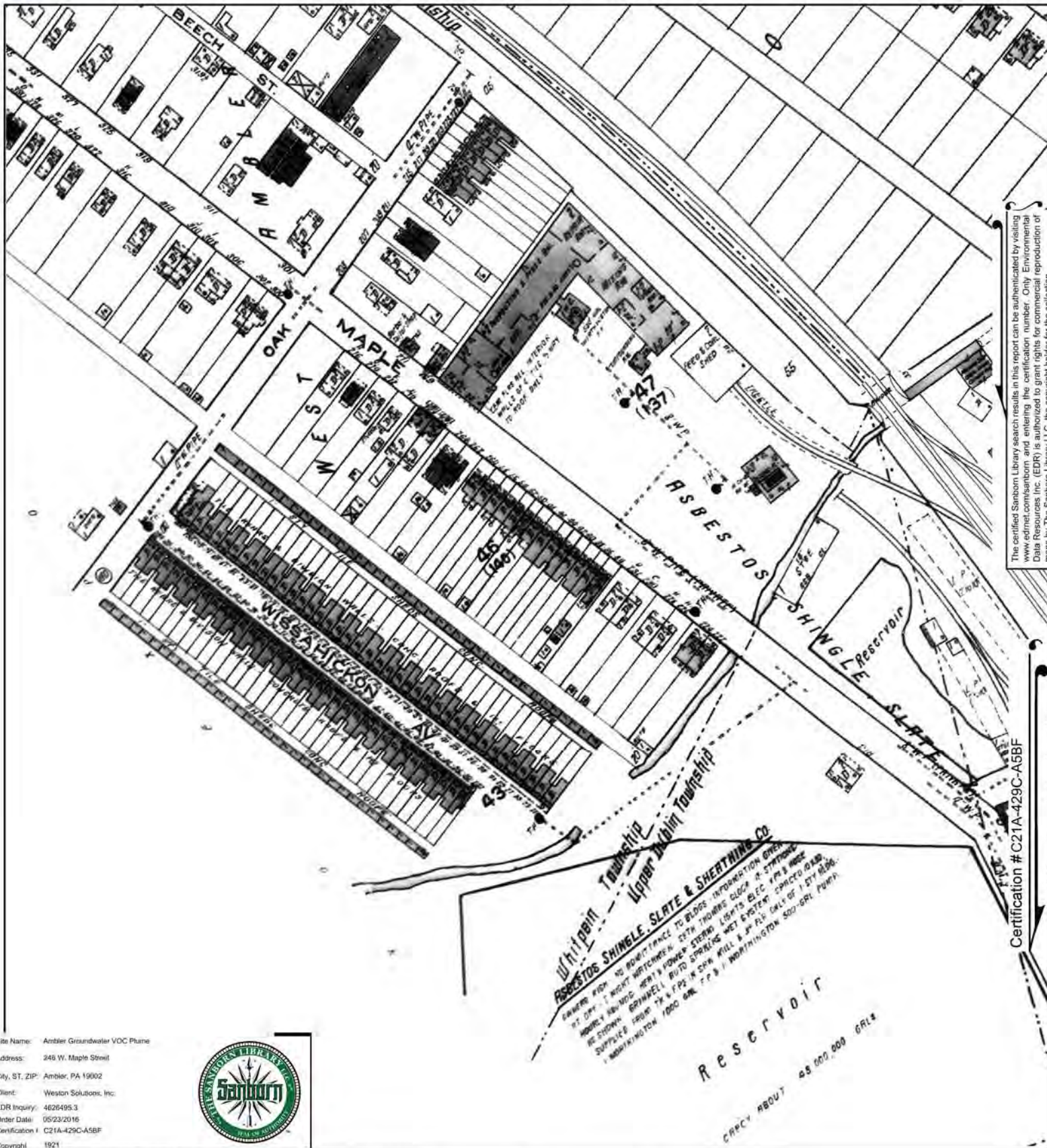


This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 10
 Volume 1, Sheet 9





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Certification # C21A-429C-A5BF

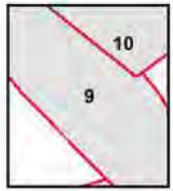
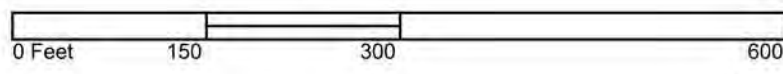
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 Address: 246 W. Maple Street
 City, ST, ZIP: Ambler, PA 19002
 Client: Weston Solutions, Inc.
 EDR Inquiry: 4626495.3
 Order Date: 05/23/2016
 Certification I: C21A-429C-A5BF
 Copyright: 1921



WILSON
 ASBESTOS SHINGLE, SLATE & SHEATHING CO.
 ASBESTOS SHINGLE SLATE TO BLDGS INFORMATION GRAY
 AT OFF - 1 NIGHT WATCHMAN SETS TRADING CLOCK IN STAIRWAY
 HOBBLY SHINGLES REPAIRS POWER SYSTEM LIGHTS ELEC. WPS & HOSE
 RE STOCKS FROM TR & F.P. IN SPK MILL & J.P. ALL GALS OF 1 STY BLDG.
 SUPPLIES FROM 1000 GAL T.P. & NORTHINGTON SOU-GR. Pumps.

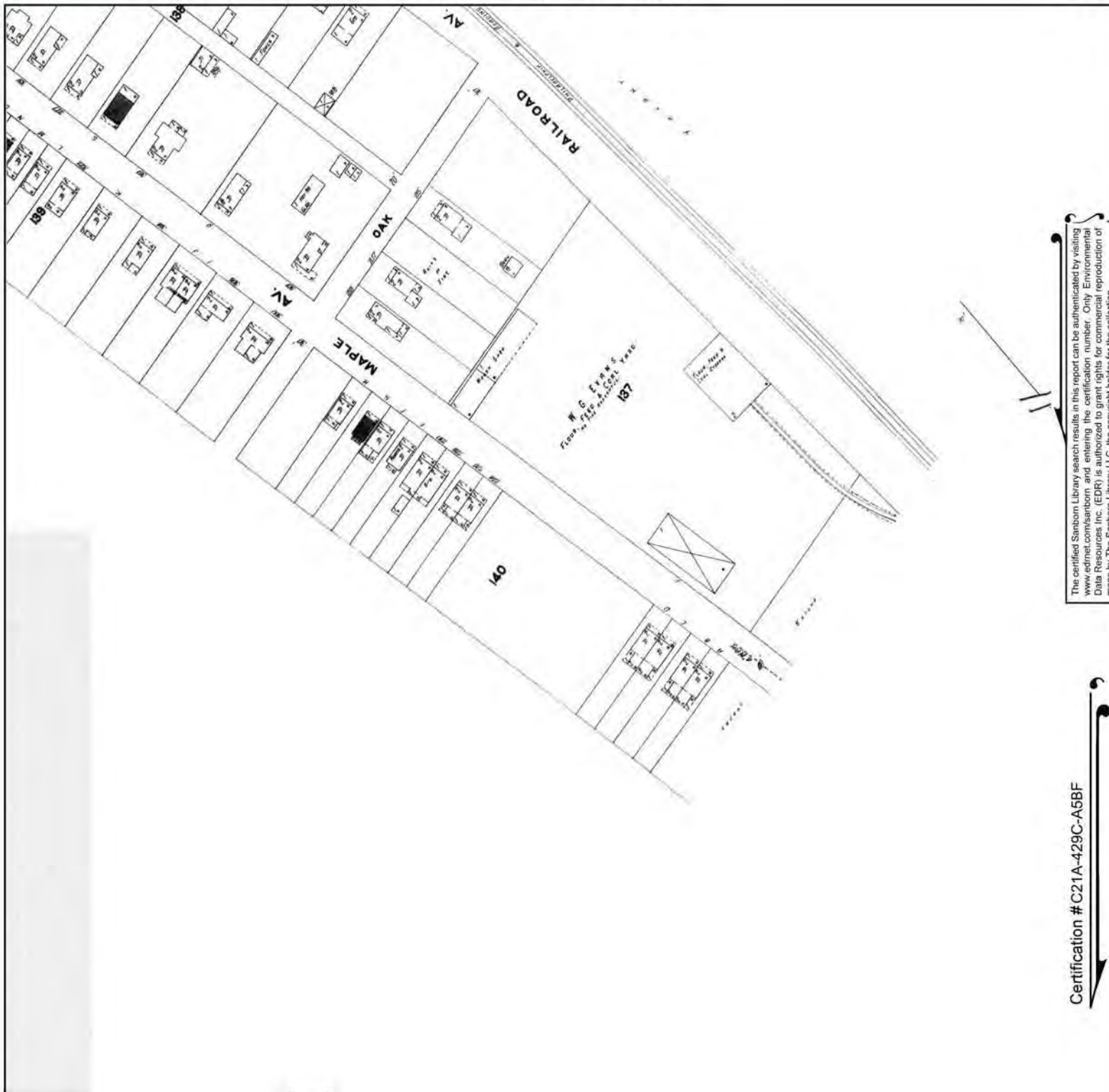
Reservoir
 CAPCY ABOUT 45,000,000 GALS

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



Volume 1, Sheet 10
 Volume 1, Sheet 9





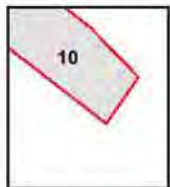
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Certification # C21A-429C-A5BF

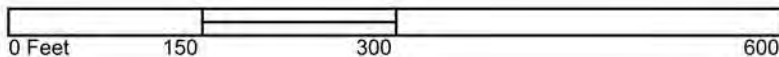
Site Name: Ambler Groundwater VOC Plane
 Address: 246 W. Maple Street
 City, ST, ZIP: Ambler, PA 19002
 Client: Weston Solutions, Inc.
 EDR Inquiry: 4626495.3
 Order Date: 05/23/2016
 Certification I: C21A-429C-A5BF
 Copyright: 1909



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



Volume 1, Sheet 10





ATTACHMENT C
CITY DIRECTORY REPORT

Ambler Groundwater VOC Plume

200 Railroad Avenue
Ambler, PA 19002

Inquiry Number: 4745356.1
October 07, 2016

The EDR-City Directory Image Report

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
2008	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1999	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1986	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1981	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1976	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1971	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory

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FINDINGS

TARGET PROPERTY STREET

200 Railroad Avenue
Ambler, PA 19002

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

RAILROAD AVE

2013	pg A1	Cole Information Services
2008	pg A2	Cole Information Services
2003	pg A3	Cole Information Services
1999	pg A4	Cole Information Services
1995	pg A5	Cole Information Services
1992	pg A6	Cole Information Services
1986	pg A7	Cole Criss-Cross Directory
1981	pg A8	Cole Criss-Cross Directory
1976	pg A9	Cole Criss-Cross Directory
1971	pg A10	Cole Criss-Cross Directory

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images



-

RAILROAD AVE 2013

(b) (6)



Target Street

Cross Street

Source

✓

Cole Information Services

RAILROAD AVE 2008

(b) (6)



Target Street

Cross Street

Source

✓

-

Cole Information Services

RAILROAD AVE 2003

(b) (6)



Target Street

Cross Street

Source

✓

Cole Information Services

RAILROAD AVE 1999

(b) (6)



Target Street

Cross Street

Source

✓

Cole Information Services

RAILROAD AVE 1995

(b) (6)



✓

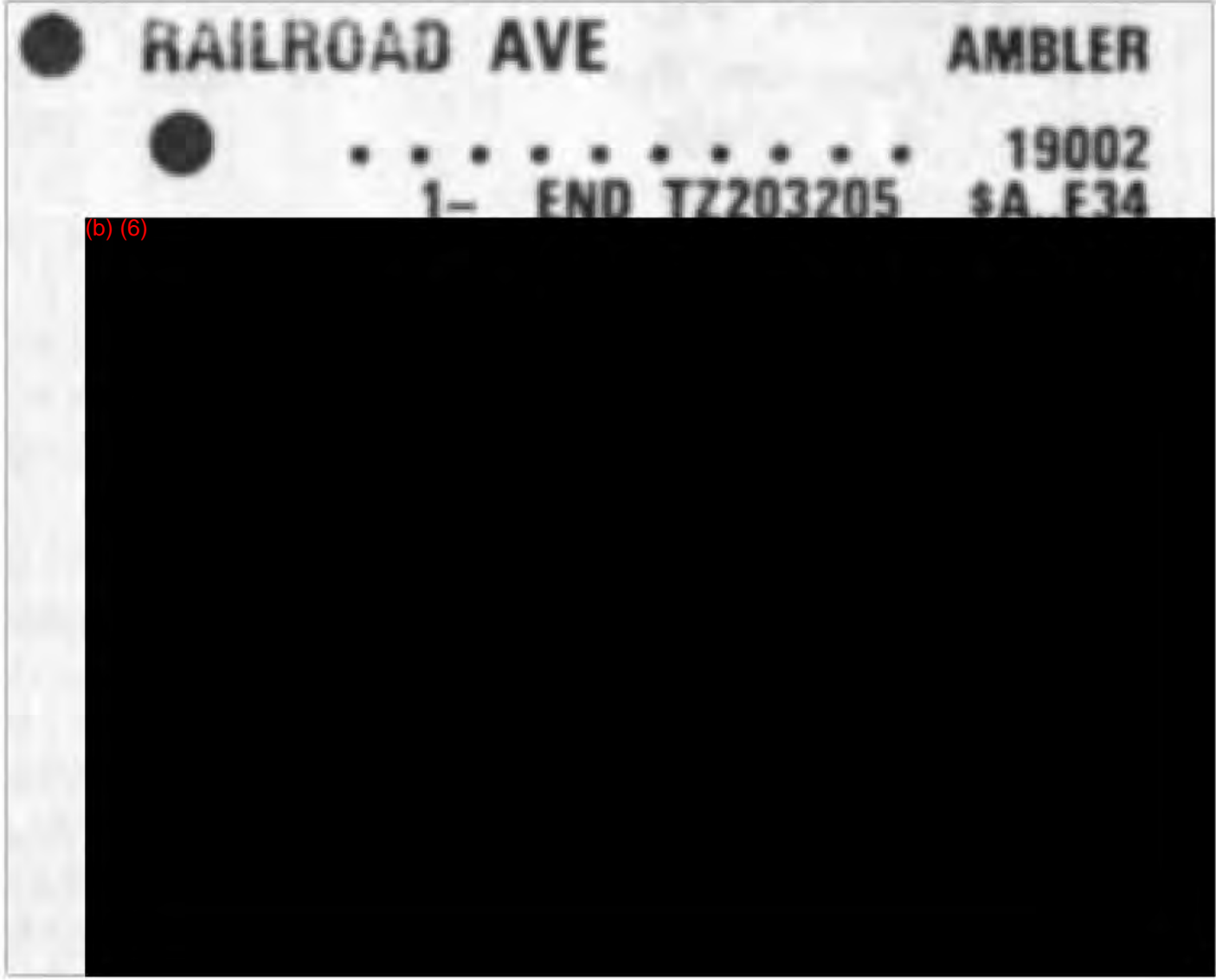
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RAILROAD AVE 1992

(b) (6)



RAILROAD AVE 1986



RAILROAD AVE

AMBLER

19002

1- END T2203205

SA E34

(b) (6)

RAILROAD AVE 1981

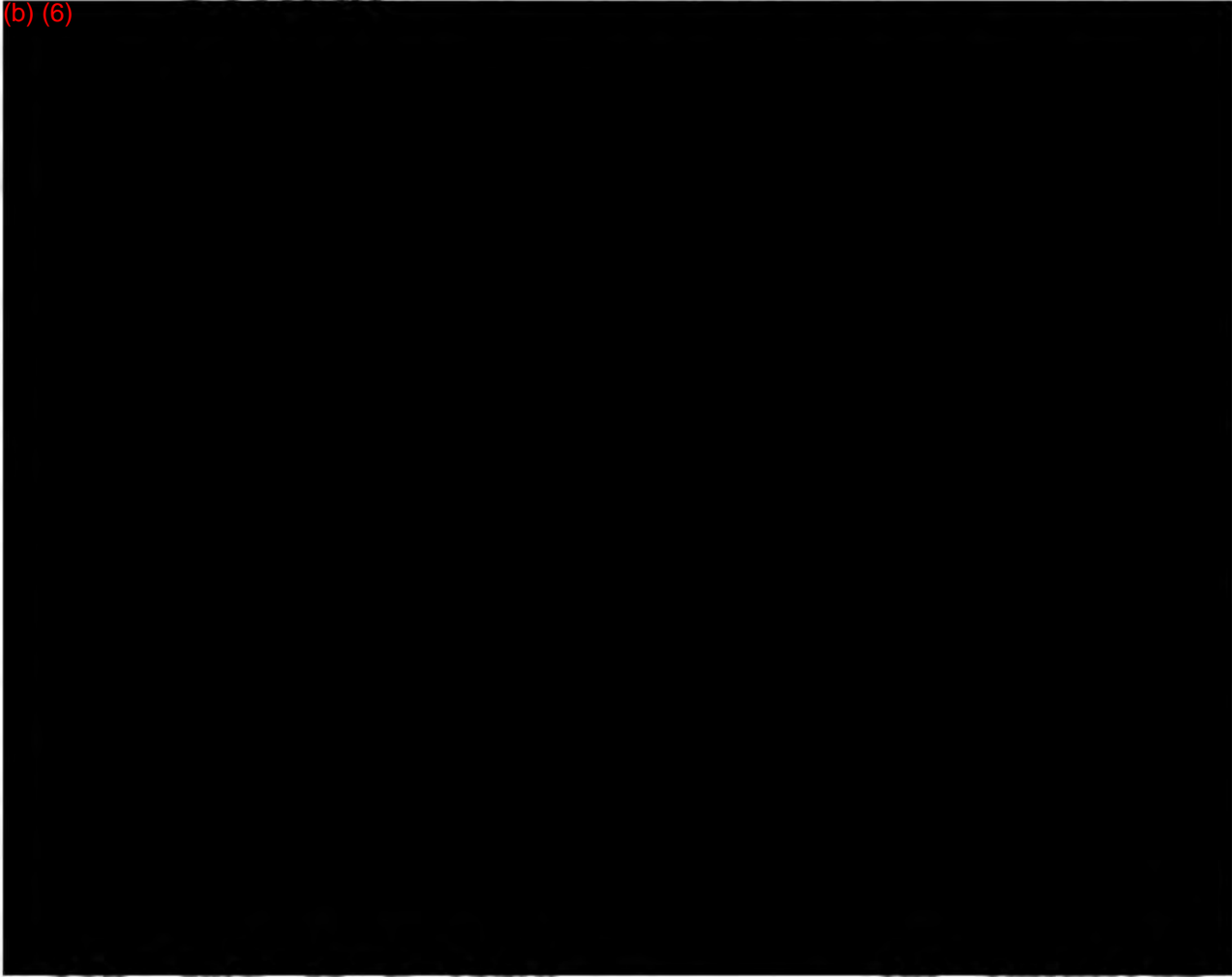
RAILROAD AVE AMBLER

..... 19002

1- END TZ203205 SA..E 8

217630

(b) (6)



Target Street

Cross Street

Source

✓

-

Cole Criss-Cross Directory

RAILROAD AVE 1976

RAILROAD AVE

AMBLER

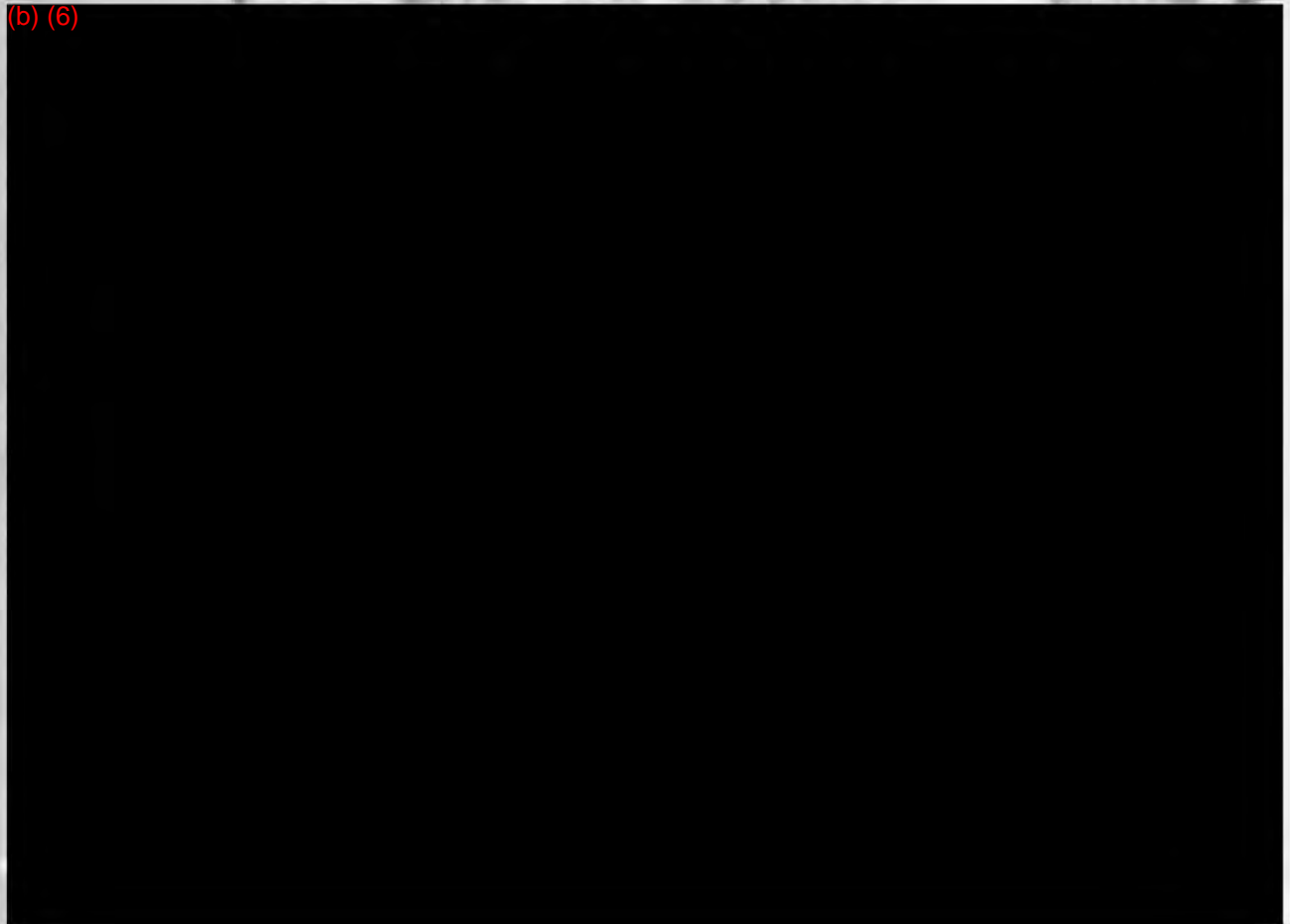


19002

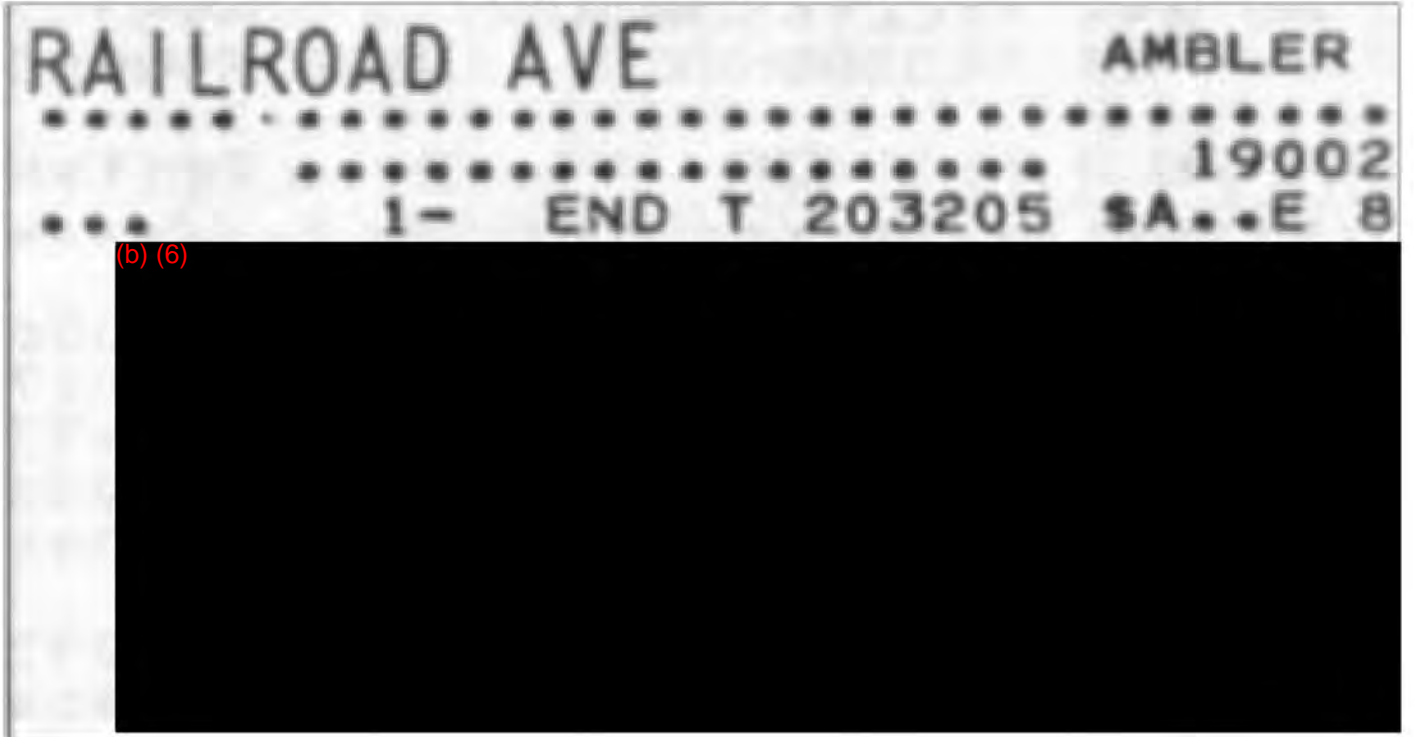
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SA..E 8

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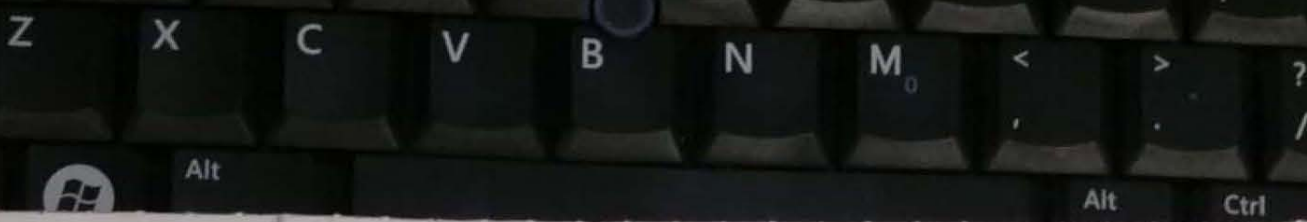


RAILROAD AVE 1971





ATTACHMENT D
NON-HAZARDOUS WASTE MANIFEST



NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. <p style="text-align: center;">PAN000303840</p>	Manifest Document No. <p style="text-align: center;">D21341</p>	2. Page 1 of 1
3. Generator's Name and Mailing Address US EPA Region III (Ambler, PA) 49 Oak St Ambler, PA 19002				
4. Generator's Phone () 215-704-5875				
5. Transporter 1 Company Name TIER Environmental Services, Inc.	6. US EPA ID Number PAR000043752	A. State Transporter's ID		
		B. Transporter 1 Phone		
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID 717-442-4400		
		D. Transporter 2 Phone		
9. Designated Facility Name and Site Address Waste Recovery Solutions, Inc. 342 King Street Myerstown, PA 17067	10. US EPA ID Number PAR000043026	E. State Facility's ID		
		F. Facility's Phone 717-866-9955		
11. WASTE DESCRIPTION		Containers		13. Total Quantity
		No.	Type	14. Unit Wt./Vol.
a. Non Regulated Material (IDW Purgewater) Non RCRA / Non DOT		VI	DM	X 100 P
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above 1.) LFI-B4101		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name		Signature		Date
[Signature]		[Signature]		Month Day Year 9 1 16
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date
Printed/Typed Name		Signature		Month Day Year 9 1 16
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date
Printed/Typed Name		Signature		Month Day Year
19. Discrepancy Indication Space				

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

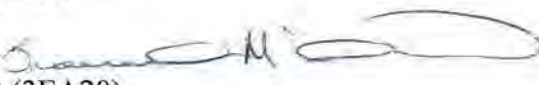
FAC



ATTACHMENT E
ANALYTICAL DATA VALIDATION REPORT



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
Environmental Sciences Center
701 Mapes Road
Fort Meade, Maryland 20755-5350

DATE: July 27, 2016
SUBJECT: Region III Data QA Review
FROM: Brandon McDonald 
Region III ESAT RPO (3EA20)
TO: Christopher Vallone
RPM

Attached is the organic data validation report for the Ambler Groundwater VOC Plume site for Case #46229; SDG #C0AA0 completed by the Region III Environmental Services Assistance Team (ESAT) contractor, ICF International, under the direction of Region III EAID.

If you have any questions regarding this review, please call me at (410) 305-2607.

Attachment

cc: (b) (4) (Weston)
(Weston)

TO: #0002 TDF: #0716011

OFFICE OF ANALYTICAL SERVICES AND QUALITY ASSURANCE





ICF International
ESAT Region 3
US Environmental Protection Agency Environmental Science Center
701 Mapes Road Ft. Meade, MD 20755-5350
Phone 410-305-3011

DATE: July 18, 2016

TO: Brandon McDonald
ESAT Region 3 Project Officer

FROM: Kenneth W. Curry
Senior Data Reviewer

Kurt Roby
Oversight Chemist

SUBJECT: Organic Data Validation (S3VEM)
Site: Ambler Groundwater VOC Plume
Case: 46229, SDG: C0AA0

OVERVIEW

Case 46229, Sample Delivery Group (SDG) C0AA0, consisted of one (1) trip blank, one (1) treated water sample and nine (9) ground water samples including one (1) field duplicate pair analyzed for volatile compounds. All samples were analyzed by ChemTech Consulting Group (CHM) according to Contract Laboratory Program (CLP) Statement of Work (SOW) SOM02.3 through the Routine Analytical Services (RAS) program.

SUMMARY

Validation of data was performed according to the Organic National Functional Guidelines utilizing the Environmental Data Exchange and Evaluation System (EXES) and have been assigned the Superfund Data Validation Label S3VEM (Stage_3_Validation_Electronic_Manual). Areas of concern with respect to data usability are listed below.

NOTES

Compounds detected below Contract Required Quantitation Limits (CRQLs) have been qualified "J" unless raised to the CRQL and qualified "U" due to blank contamination.

Acetone and methylene chloride were detected at concentrations <CRQL in the associated trip blank. The reported result for acetone in sample C0AA8, which was less than the CRQL, has been raised to the CRQL and qualified "U". Method and storage blanks associated with this sample set were free of contamination.

Accuracy and precision criteria were met by the laboratory in the initial and continuing calibration verification standard analyses associated with the samples in this SDG.

Results reported for field duplicate, samples C0AA0/C0AA1, were comparable. No data were qualified based on this finding.

Tetrachloroethene exceeded the calibration range in the initial analyses of samples C0AA0 and C0AA1. These samples were reanalyzed at five-fold (5X) dilutions to bring the concentrations of this compound within calibration range. Results for this compound in these samples are reported from the diluted analyses.

Although samples contained concentrations of target compounds over the upper calibration standard, no carryover impacting samples in this SDG was indicated. No data were qualified based on this finding.

No Tentatively Identified Compounds (TICs) were identified by the laboratory in this data set. No data were qualified based on this finding.

No manual integrations were performed by the laboratory in this data set. No data were qualified based on this finding.

GLOSSARY OF DATA QUALIFIER CODES (ORGANIC)

- U The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the adjusted Contract Required Quantitation Limit (CRQL) for sample and method.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J+ The result is an estimated quantity, but the result may be biased high.
- J- The result is an estimated quantity, but the result may be biased low.
- NJ The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
- UJ The analyte was not detected at a level greater than or equal to the adjusted CRQL. However, the reported adjusted CRQL is approximate and may be inaccurate or imprecise.
- R The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
- C This qualifier applies to pesticide and Aroclor results when the identification has been confirmed by Gas Chromatograph/Mass Spectrometer (GC/MS).
- X This qualifier applies to pesticide and Aroclor results when GC/MS analysis was attempted but was unsuccessful.

Sample Summary Report

Case No: 46229	Contract: EPW14030	SDG No: C0AA0	Lab Code: CHM
Sample Number: C0AA0	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location: MW-07	pH: 1.0	Sample Date: 06/09/2016	Sample Time: 11:07:00
% Moisture :		% Solids : 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	8.2		ug/L	8.2		1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	24		ug/L	24		1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	200		ug/L	200	D	5.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/L			1.0	Yes	NV

Case No: 46229	Contract: EPW14030	SDG No: C0AA0	Lab Code: CHM
Sample Number: C0AA1	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location: MW-07	pH: 1.0	Sample Date: 06/09/2016	Sample Time: 11:15:00
% Moisture :		% Solids : 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	7.9		ug/L	7.9		1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	23		ug/L	23		1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	180		ug/L	180	D	5.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/L			1.0	Yes	NV

Case No: 46229	Contract: EPW14030	SDG No: C0AA0	Lab Code: CHM
Sample Number: C0AA2	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location: MW-06	pH: 1.0	Sample Date: 06/09/2016	Sample Time: 14:36:00
% Moisture :		% Solids : 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/L			1.0	Yes	NV

Case No: 46229	Contract: EPW14030	SDG No: C0AA0	Lab Code: CHM
Sample Number: C0AA3	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location: Production North well	pH: 1.0	Sample Date: 06/08/2016	Sample Time: 09:35:00
% Moisture :		% Solids : 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/L			1.0	Yes	NV

Case No: 46229	Contract: EPW14030	SDG No: C0AA0	Lab Code: CHM
Sample Number: C0AA4	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location: MW-02	pH: 1.0	Sample Date: 06/09/2016	Sample Time: 12:41:00
% Moisture :		% Solids : 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	25		ug/L	25		1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	1.0	J	ug/L	1.0	J	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.1		ug/L	5.1		1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	1.7	J	ug/L	1.7	J	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	27		ug/L	27		1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/L			1.0	Yes	NV

Case No: 46229	Contract: EPW14030	SDG No: C0AA0	Lab Code: CHM
Sample Number: C0AA5	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location: MW-01A	pH: 1.0	Sample Date: 06/09/2016	Sample Time: 15:42:00
% Moisture :		% Solids : 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/L			1.0	Yes	NV

Case No: 46229	Contract: EPW14030	SDG No: C0AA0	Lab Code: CHM
Sample Number: C0AA6	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location: MW-05	pH: 1.0	Sample Date: 06/09/2016	Sample Time: 13:44:00
% Moisture :		% Solids : 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/L			1.0	Yes	NV

Case No: 46229	Contract: EPW14030	SDG No: C0AA0	Lab Code: CHM
Sample Number: C0AA7	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location: MW-02	pH: 1.0	Sample Date: 06/09/2016	Sample Time: 12:00:00
% Moisture :		% Solids : 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Acetone	Target	4.8	J	ug/L	4.8	J	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	1.5	J	ug/L	1.5	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/L			1.0	Yes	NV

Case No: 46229	Contract: EPW14030	SDG No: C0AA0	Lab Code: CHM
Sample Number: C0AA8	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location: MW-02	pH: 1.0	Sample Date: 06/09/2016	Sample Time: 11:55:00
% Moisture :		% Solids : 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/L	4.9	J	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/L			1.0	Yes	NV

Case No: 46229	Contract: EPW14030	SDG No: C0AA0	Lab Code: CHM
Sample Number: C0AA9	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location: Production South well	pH: 1.0	Sample Date: 06/08/2016	Sample Time: 09:20:00
% Moisture :		% Solids : 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	1.0	J	ug/L	1.0	J	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	1.1	J	ug/L	1.1	J	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	14		ug/L	14		1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/L			1.0	Yes	NV

Case No: 46229	Contract: EPW14030	SDG No: C0AA0	Lab Code: CHM
Sample Number: C0AB0	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location: Effluent	pH: 1.0	Sample Date: 06/08/2016	Sample Time: 09:35:00
% Moisture :		% Solids : 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.7		ug/L	5.7		1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/L			1.0	Yes	NV

Case No: 46229	Contract: EPW14030	SDG No: C0AA0	Lab Code: CHM
Sample Number: VBLK35	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/L			1.0	Yes	NV

Case No: 46229	Contract: EPW14030	SDG No: C0AA0	Lab Code: CHM
Sample Number: VBLK41	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/L			1.0	Yes	NV

Case No: 46229	Contract: EPW14030	SDG No: C0AA0	Lab Code: CHM
Sample Number: VBLK47	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/L			1.0	Yes	NV

Case No: 46229	Contract: EPW14030	SDG No: C0AA0	Lab Code: CHM
Sample Number: VBLK49	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/L			1.0	Yes	NV

Case No: 46229	Contract: EPW14030	SDG No: C0AA0	Lab Code: CHM
Sample Number: VHBLK01	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location:	pH: 1.6	Sample Date:	Sample Time:
% Moisture :		% Solids : 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/L			1.0	Yes	NV

