



VIA E-Mail

December 15, 2017

City of Meriden
142 East Main Street
Meriden, CT 06450

Attn: Ms. Juliet Burdelski

**RE: Limited Phase II Subsurface Investigation Summary Letter Report
69 East Main Street, Meriden, Connecticut
Commission Number: 58ML701.003**

Dear Ms. Burdelski:

This summary letter report has been prepared to present the results of the Limited Phase II Subsurface Investigation activities completed on October 26, 2017 at the property located at 69 East Main Street in Meriden, Connecticut (hereinafter referred to as “the Site”). The Site location is depicted on **Figure 1** attached to this report. The objective of completed activities was to provide preliminary assessment, including laboratory analytical data, of potential impacts to the environment from site operations identified during the Phase I completed by Vanasse Hangen Brustlin, Inc. (VHB) in May 2017. Activities were completed in general accordance with Connecticut Department of Energy and Environmental Protection (CTDEEP) standard of care, namely the CTDEEP Site Characterization Guidance Document (September 2007, rev. November 2010) (SCGD).

1.0 BACKGROUND

The Site is an approximately 0.253 acre parcel owned by the City of Meriden. The Site is currently vacant with no buildings and a fence surrounding the Site on three sides. The ground surface is covered with grass, four trees, and a crescent shaped mound adjacent to the trees. The Site was first developed in the 1890s for commercial use and was used for both commercial and residential purposes until the early 1990s.

VHB completed a Phase I ESA in May 2017 identifying 3 recognized environmental conditions (RECs) at the Site. The completed assessment activities focused on REC-1 through REC-3. A list of the identified RECs is provided below.

Loureiro Engineering Associates, Inc.

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AN EMPLOYEE-OWNED COMPANY



- REC-1 Historic Dry Cleaning Operations
- REC-2 Historic Dye Works Operations
- REC-3 Historic Presence and Demolition of a Building Potentially Finished with Lead Based Paint (LBP)

2.0 INVESTIGATION ACTIVITIES

2.1 SOIL SAMPLING

On October 26, 2017, Loureiro advanced a total of 6 soil borings across the Site using direct-push technology and hand auger methodologies. During the advancement of the soil borings, field personnel classified and logged the subsurface materials encountered. In addition, soils were field screened for the presence of volatile organic compounds (VOCs) using a hand-held photo-ionization detector (PID).

Two soil borings (LEA-02-01 and LEA-02-02) were advanced using a hand auger to a depth of 1 foot below grade (fbg), and one soil sample was collected from each at the 0.5 to 1 fbg interval. Four soil borings (LEA-01-01 through LEA-01-04) were advanced with a track-mounted drill rig to depths ranging from 12 to 16 fbg, and were completed as temporary monitoring wells utilized for the collection of grab groundwater samples (Section 2.2). One soil sample was collected from each of the four soil borings at varying depths depending on apparent impacts based on elevated PID readings, staining, and/or odors.

Soil boring logs are included as **Attachment A**. The locations of the advanced soil borings are depicted on **Figure 2**.

A total of 7 soil samples (including 1 duplicate sample) were collected and subsequently submitted under chain-of-custody control to Tunxis Environmental Laboratories (Tunxis) of Plainville, Connecticut for the following analyses:

- VOCs by United States Environmental Protection Agency (EPA) Method 8260C;
- Polycyclic aromatic hydrocarbons (PAHs) by United States EPA Method 8270;
- Extractable total petroleum hydrocarbons (ETPH) by the CTDEEP-approved Method; and,
- Metals (including antimony, arsenic, barium, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc) using appropriate EPA 6000- and 7000- series Methods.

2.2 GROUNDWATER SAMPLING

During the Limited Phase II Subsurface Investigation, the 4 deep soil borings were completed as temporary groundwater monitoring wells. The temporary monitoring wells were constructed of 1-inch schedule-40 PVC with a 5-foot screen straddling the water table. A filter pack of zero-



sand was used to fill the space around the screen to reduce sediment from entering the screen and ultimately the groundwater sample. The temporary monitoring wells were purged until the groundwater visually appeared clear or water quality parameters stabilized. A total of 5 grab groundwater samples (including 1 duplicate sample) were collected and submitted to Tunxis for the following analyses:

- VOCs by United States EPA Method 8260C;
- PAHs by United States EPA Method 8270;
- ETPH by the CTDEEP-approved method; and,
- Metals (including antimony, arsenic, barium, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc) using appropriate EPA 6000- and 7000- series Methods.

Following groundwater sample collection, the temporary monitoring wells were removed from the subsurface and the boreholes were abandoned and restored to existing conditions.

3.0 INVESTIGATION RESULTS

The results of the Limited Phase II Subsurface Investigation, organized by environmental media, are discussed in this section.

During soil boring advancements, PID readings ranged from 0.0 to 175 parts per million (ppm). The highest reading of 175 ppm was from the 8-10 fbg interval of LEA-01-03 which accompanied a strong solvent odor as noted in the boring log. Black staining was observed in the 6 to 8 fbg interval of LEA-01-01 with a PID reading of 0.4 ppm. Since no observed impacts or elevated PID readings were noted in the boring logs for LEA-01-02 or LEA-01-04, a soil sample was collected right above the observed water table.

During the collection of groundwater grab samples from the 4 temporary monitoring wells, no observations were noted with regard to odors or sheen. Turbidity of the collected groundwater grab samples ranged from 48.1 to 184 nephelometric turbidity units (NTUs). Groundwater depths at the Site ranged from 9.63 to 12.83 fbg.

3.1 SOIL ANALYTICAL DATA

Soil borings LEA-02-01 and LEA-02-02 were used to evaluate potential impacts lead to shallow soils around the footprint of the former building associated with the historic presence and demolition of a building potentially finished with LBP. Lead was detected in both of the shallow soil samples collected at concentrations of 14.5 milligrams per kilogram (mg/kg) and 22.9 mg/kg, respectively. Neither of the soil samples had a concentration of lead that exceeds the Residential Direct Exposure Criteria (RDEC) of 400 mg/kg. This range of lead concentrations is most likely attributed to naturally occurring conditions at the Site.



Soil borings LEA-01-01 through LEA-01-04 were used to evaluate the historic dry cleaning and dye works operations at the Site. Depths of these soil borings, determined in the field by observed depth to groundwater, ranged from 12 to 16 fbg.

The soil samples collected from LEA-01-01, LEA-01-02, and LEA-01-04 had no analytes detected above laboratory reporting limits with the exception of certain metals attributable to naturally occurring conditions at the Site.

At soil boring location LEA-01-03, ETPH was not detected in the original soil sample but was detected at a concentration of 2,100 mg/kg in the duplicate sample, which exceeds the RDEC of 500 mg/kg. Various PAHs and VOCs were detected in the original and/or duplicate soil sample at low-level concentrations below the applicable CT DEEP Remediation Standard Regulations (RSR) criteria. Certain metals, attributed to naturally occurring conditions at the Site, were detected in both the original and duplicate soil samples. Variability in detected concentrations between the original and duplicate soil samples is attributed to the heterogeneity of the collected soil samples from the discrete sampling interval.

Table 1 includes a summary of the soil samples submitted for laboratory analyses and the requested analyses. **Table 2** provides a summary of the constituents detected in soil. **Table 3** provides a summary of all analytical results for soil. **Table 4** shows which concentrations in soil exceeded applicable numeric criteria.

3.2 GROUNDWATER ANALYTICAL DATA

Five groundwater grab samples (including a duplicate sample) were collected from the four temporary monitoring wells installed at soil boring locations LEA-01-01 through LEA-01-04. The groundwater samples were collected in order to evaluate potential impacts to the groundwater from historic dry cleaning and dye works operations at the Site.

Tetrachloroethylene (PCE), a commonly used dry cleaning chemical, was detected in each of the groundwater samples at concentrations ranging from 5.1 to 270 micrograms per liter ($\mu\text{g/L}$). The PCE concentration of 270 $\mu\text{g/L}$ detected at LEA-01-03 exceeds the CT DEEP Surface Water Protection Criteria (SWPC) of 88 $\mu\text{g/L}$. Chlorinated VOCs trichloroethylene (TCE) and/or cis-1,2-dichloroethylene (cis-1,2-DCE), which are breakdown products of PCE, were detected at concentrations above laboratory reporting limits but below CT DEEP RSR criteria in groundwater samples collected from locations LEA-01-01 and LEA-01-02.

ETPH was detected in the groundwater sample collected from location LEA-01-03 at a concentration of 0.19 mg/L, which is below the applicable RSR criteria of 0.25 mg/L. ETPH was not detected in any of the other groundwater samples collected during this investigation.

Metals were detected above laboratory reporting limits in all of the groundwater samples collected from the four sampling locations, mostly at levels attributable to naturally occurring conditions at the Site. The groundwater samples collected from locations LEA-01-03 and LEA-



01-04 had several metals concentrations that exceed the SWPC, which may be attributable to elevated turbidity within the collected groundwater samples.

Table 5 includes a summary of the groundwater samples submitted for laboratory analyses and the requested analyses. **Table 6** provides a summary of the constituents detected in groundwater. **Table 7** provides a summary of all analytical results for groundwater. **Table 8** shows which concentrations in groundwater exceeded applicable numeric criteria.

3.3 DATA QUALITY ASSURANCE / QUALITY CONTROL

Laboratory analytical reports for soil and groundwater analytical data are included as **Attachment B**. The quality assurance / quality control (QA/QC) analytical information were assessed and evaluated by Loureiro in accordance with the methodology for performing Data Quality Assessments (DQAs) and Data Usability Evaluations (DUEs) described in the *Laboratory Quality Assurance Quality Control, Data Quality Assessment, Data Usability Evaluation Guidance Document* (CTDEEP, 2009, revised 2010). Issues identified during the DQA did not affect the usability of the data generated during the investigation.

Based on the completed DUE, the data were deemed to be usable for their intended purpose.

4.0 SUMMARY DISCUSSION

A total of 6 soil borings were advanced during the completed subsurface investigation activities to evaluate the potential presence of a release to the subsurface attributable to the 3 RECs identified during the completed Phase I ESA. Soil borings LEA-02-01 and LEA-02-02 were used to evaluate potential impacts from the historic presence and demolition of a building potentially finished with LBP. Though lead was detected in both of the shallow soil samples, the concentrations are most likely attributed to naturally occurring conditions at the Site.

The other 4 soil boring locations were used to evaluate the historic dry cleaning and dye works operations at the Site. ETPH in the soil sample collected from location LEA-01-03 is the only constituent detected that exceeds applicable numeric RSR soil criteria. The soil sample from LEA-01-03 also was the only soil sample to have detections of PAHs and VOCs, all of which were below the applicable numeric RSR soil criteria. Certain metals were detected in all of the soil samples at concentrations attributable to naturally occurring conditions at the Site.

Groundwater samples were collected from each of the 4 deep soil borings to evaluate impacts to the groundwater from the historic dry cleaning and dye work operations at the Site. Laboratory data indicates the presence of chlorinated VOC groundwater beneath the Site, containing PCE and its breakdown products TCE and cis-1,2-DCE. Metals-impacted groundwater may also be present at locations LEA-01-03 and LEA-01-04; however, the high turbidity readings observed during groundwater sample collection indicate a potential bias due to entrained soils.

Evidence of a release potentially attributable to identified RECs was detected during the completed subsurface investigation activities. Loureiro recommends a supplemental subsurface



investigation be performed to delineate the impacts identified during this limited subsurface investigation and identify the source of the impacts.

Should you have any questions or if you would like to further discuss the results of the completed investigation activities please contact Kyle Zalaski or myself at 860-484-9187.

Sincerely,

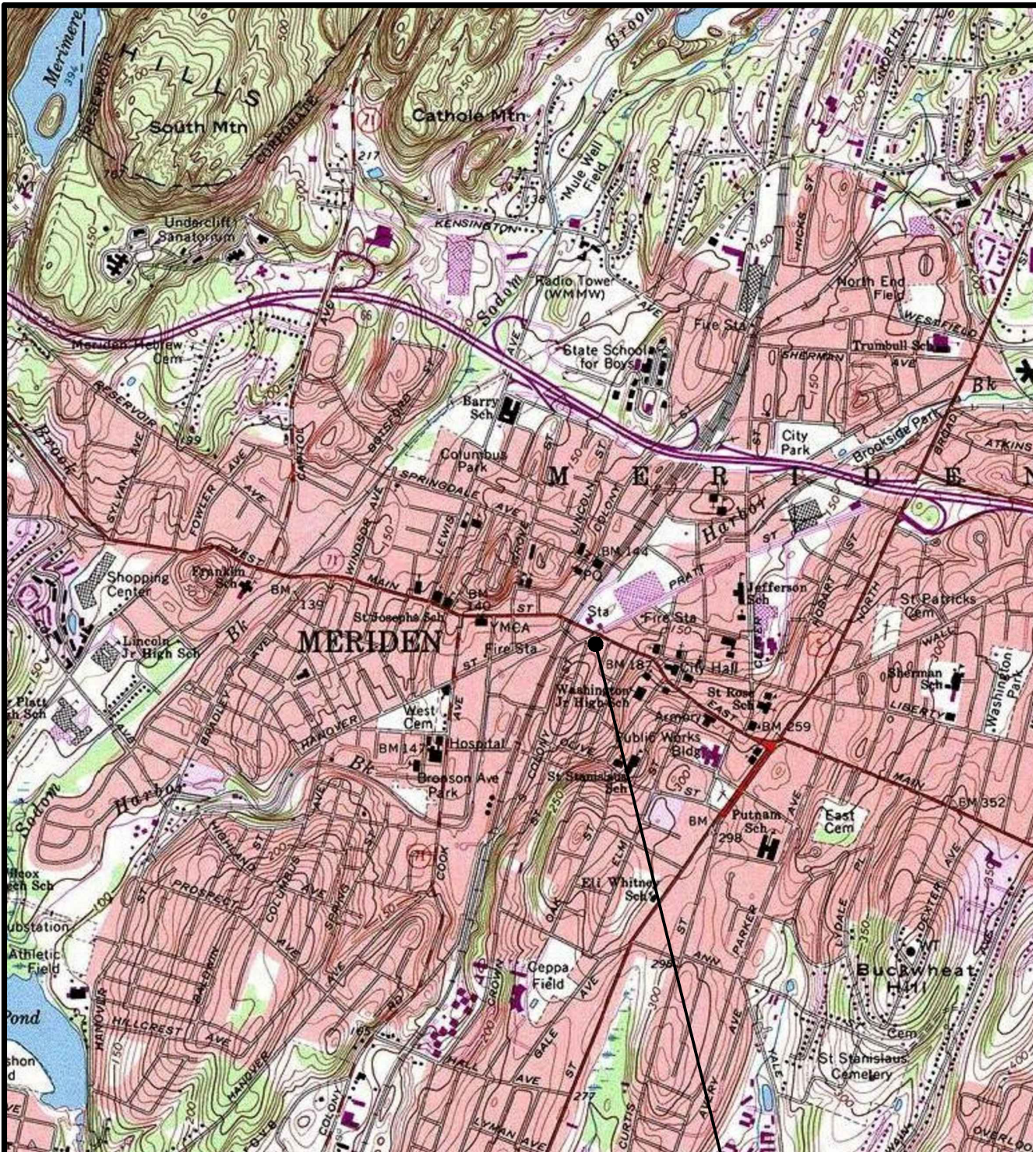
LOUREIRO ENGINEERING ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "D. Fiereck", is positioned above the typed name.

David Fiereck, P.E., L.E.P.
Vice President

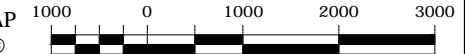
Attachments

FIGURES




MAP REFERENCE:

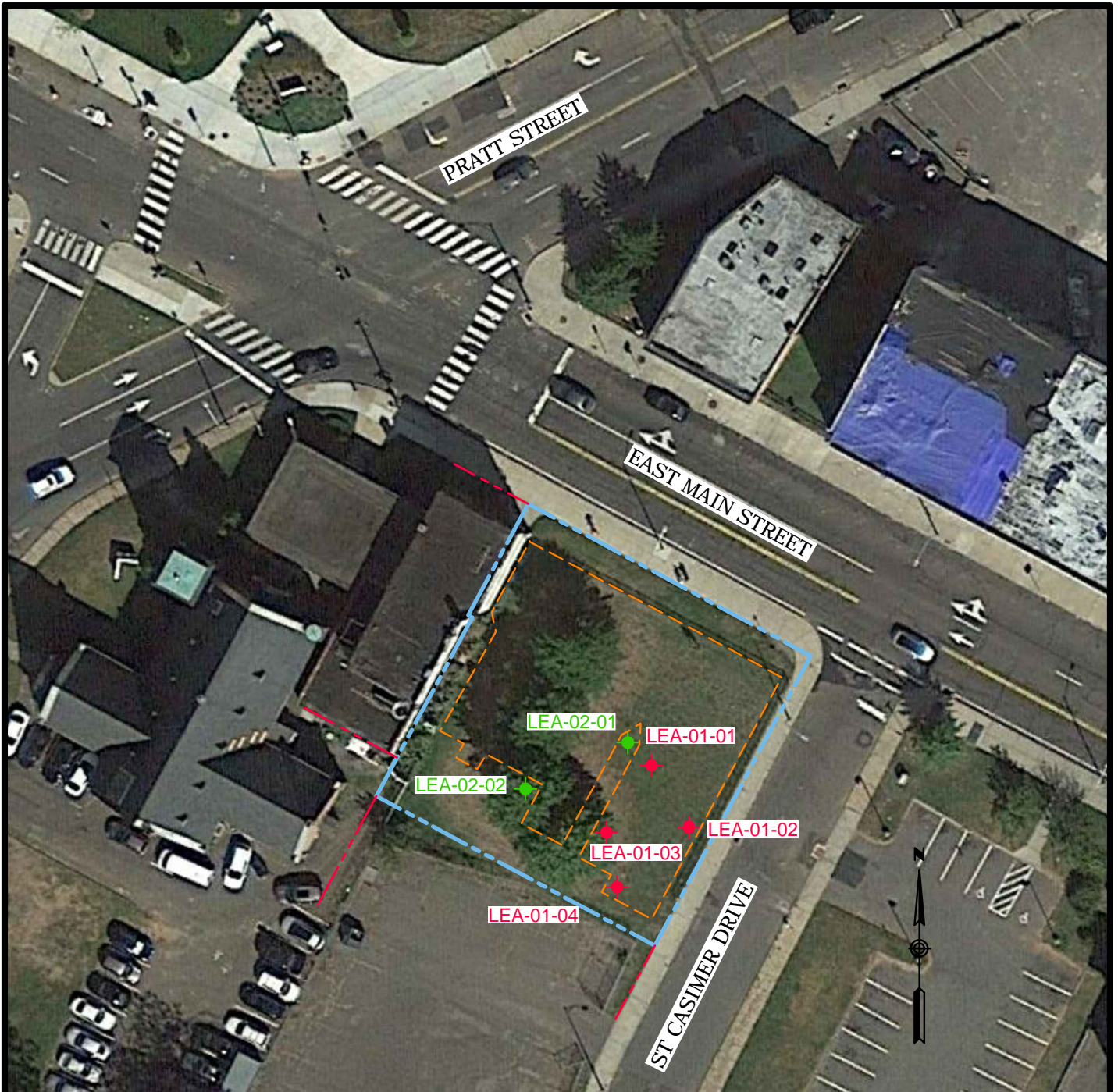
SECTION OF THE USGS 7.5 MINUTE SERIES TOPOGRAPHIC MAP FOR MERIDEN, CT. MAP VERSION DATE 1975, MAP CREATED WITH TOPO! © 2006 NATIONAL GEOGRAPHIC & © 2005 TELE ATLAS, NORTH AMERICA, INC., RELEASE 08/2005.



APPROXIMATE SCALE IN FEET

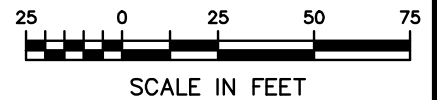
SITE LOCATION

 <p>Loureiro Engineering Associates, Inc. 100 Northwest Drive • Plainville, Connecticut 06062 Phone: 860-747-6181 • Fax: 860-747-8822 An Employee Owned Company • www.Loureiro.com</p> <p>©Loureiro Engineering Associates, Inc. All rights reserved 2017</p>	LIMITED PHASE II SUBSURFACE INVESTIGATION		SCALE AS SHOWN	FIGURE 1
	SITE LOCATION MAP 69 EAST MAIN STREET, MERIDEN, CT		COMM. NO. 58ML701	
	PREPARED FOR: CITY OF MERIDEN 142 MAIN STREET, MERIDEN, CT		DATE 12/15/2017	



LEGEND

- - - - SITE PROPERTY BOUNDARY
- - - - PROPERTY BOUNDARY
- - - - FORMER ON-SITE BUILDING EXTENTS
- ◆ PROPOSED SOIL BORING/ MONITORING WELL LOCATION
- ◆ PROPOSED SOIL BORING LOCATION



MAP REFERENCES:

1. "GOOGLE MAPS AERIAL IMAGERY DATED APRIL 20, 2016.
2. PROPERTY LINE DIGITIZED FROM THE CITY OF MERIDEN, CT GIS ONLINE PROGRAM.

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LIMITED PHASE II SUBSURFACE INVESTIGATION

SITE PLAN
69 EAST MAIN STREET, MERIDEN, CT
PREPARED FOR:
CITY OF MERIDEN
142 EAST MAIN STREET, MERIDEN, CT

SCALE
1" = 50'

COMM. NO.
58ML701

DATE
12/15/2017

Figure 2

TABLES

Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION
69 East Main Street, Meriden, Connecticut



Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class	LEAAlyt. Lab.	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
LEA-01-01	1376343	10/26/2017	6 - 8	SB		x	x			x	X	
LEA-01-02	1376342	10/26/2017	8 - 10	SB		x	x			x	X	
LEA-01-03	1376344	10/26/2017	8 - 10	SB		X	x			x	X	
LEA-01-03	1376345	10/26/2017	8 - 10	SB		X	X			X	X	
LEA-01-04	1376346	10/26/2017	8 - 10	SB		x	x			x	X	
LEA-02-01	1376347	10/26/2017	NM	SS							X	
LEA-02-02	1376348	10/26/2017	NM	SS							X	

Table 2
SUMMARY OF CONSTITUENTS DETECTED
69 East Main Street, Meriden, Connecticut



	Location ID	LEA-01-01	LEA-01-02	LEA-01-03	LEA-01-03	LEA-01-04	LEA-02-01	LEA-02-02
	Sample ID	1376343	1376342	1376344	1376345	1376346	1376347	1376348
	Sample Date	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017
	Sample Time	09:55	08:53	12:20	12:20	12:55	09:30	09:45
	Sample Depth	6' - 8'	8' - 10'	8' - 10'	8' - 10'	8' - 10'	NM'	NM'
	Laboratory	TUNX	TUNX	TUNX	TUNX	TUNX	TUNX	TUNX
	Lab. Number	17102617-002	17102617-001	17102617-003	17102617-004	17102617-005	17102617-006	17102617-007
Constituent	Units							
Date Metals Analyzed	-	10/30/2017	10/30/2017	10/30/2017	10/30/2017	10/30/2017	10/30/2017	10/30/2017
Date Organics Analyzed	-			11/01/2017	11/01/2017			
Date Physical Analyzed	-				11/01/2017			
Date Semivolatile Organics Analyzed	-				11/07/2017			
Antimony	-	0.591 mg/kg						
Arsenic	-	3.25 mg/kg	3.65 mg/kg	5.10 mg/kg	5.74 mg/kg			
Barium	-	126 mg/kg	130 mg/kg	186 mg/kg	206 mg/kg	118 mg/kg		
Beryllium	-	0.767 mg/kg	0.943 mg/kg	0.822 mg/kg	1.10 mg/kg	1.23 mg/kg		
Chromium, Total	-	21.0 mg/kg	17.3 mg/kg	14.0 mg/kg	31.7 mg/kg	16.0 mg/kg		
Copper	-	31.0 mg/kg	16.6 mg/kg	10.9 mg/kg	9.69 mg/kg	15.7 mg/kg		
Lead	-	112 mg/kg	18.7 mg/kg	7.54 mg/kg	10.7 mg/kg	11.4 mg/kg	14.5 mg/kg	22.9 mg/kg
Mercury	-	0.317 mg/kg	0.082 mg/kg					
Nickel	-	15.7 mg/kg	12.5 mg/kg	12.9 mg/kg	17.4 mg/kg	17.4 mg/kg		
Vanadium	-	31.9 mg/kg	39.3 mg/kg	35.2 mg/kg	46.3 mg/kg	31.8 mg/kg		
Zinc	-	84.6 mg/kg	47.8 mg/kg	36.3 mg/kg	45.0 mg/kg	48.9 mg/kg		
Total Petroleum Hydrocarbons (CT ETPH)	-				2100 mg/kg			
Fluorene	-				470 ug/kg			
Phenanthrene	-				350 ug/kg			
Acenaphthene	-				390 ug/kg			
Isopropylbenzene (Cumene)	-				33 ug/kg			
sec-Butylbenzene	-			390 ug/kg	400 ug/kg			
tert-Butylbenzene	-			41 ug/kg	42 ug/kg			
n-Butylbenzene	-			94 ug/kg	92 ug/kg			
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Table 3
SUMMARY OF ANALYTICAL RESULTS
69 East Main Street, Meriden, Connecticut



	Location ID	LEA-01-01	LEA-01-02	LEA-01-03	LEA-01-03	LEA-01-04	LEA-02-01	LEA-02-02
	Sample ID	1376343	1376342	1376344	1376345	1376346	1376347	1376348
	Sample Date	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017
	Sample Time	09:55	08:53	12:20	12:20	12:55	09:30	09:45
	Sample Depth	6' - 8'	8' - 10'	8' - 10'	8' - 10'	8' - 10'	NM'	NM'
	Laboratory	TUNX	TUNX	TUNX	TUNX	TUNX	TUNX	TUNX
	Lab. Number	17102617-002	17102617-001	17102617-003	17102617-004	17102617-005	17102617-006	17102617-007
Constituent	Units							
Date Metals Analyzed	-	10/30/2017	10/30/2017	10/30/2017	10/30/2017	10/30/2017	10/30/2017	10/30/2017
Date Organics Analyzed	-	11/01/2017	11/01/2017	11/01/2017	11/01/2017	11/01/2017		
Date Physical Analyzed	-	11/01/2017	11/01/2017	11/01/2017	11/01/2017	11/01/2017		
Date Semivolatile Organics Analyzed	-	11/07/2017	11/07/2017	11/07/2017	11/07/2017	11/07/2017		
Antimony	-	0.591 mg/kg	<0.516 mg/kg	<0.531 mg/kg	<0.528 mg/kg	<0.564 mg/kg		
Arsenic	-	3.25 mg/kg	3.65 mg/kg	5.10 mg/kg	5.74 mg/kg	<2.3 mg/kg		
Barium	-	126 mg/kg	130 mg/kg	186 mg/kg	206 mg/kg	118 mg/kg		
Beryllium	-	0.767 mg/kg	0.943 mg/kg	0.822 mg/kg	1.10 mg/kg	1.23 mg/kg		
Cadmium	-	<0.428 mg/kg	<0.413 mg/kg	<0.425 mg/kg	<0.422 mg/kg	<0.451 mg/kg		
Chromium, Total	-	21.0 mg/kg	17.3 mg/kg	14.0 mg/kg	31.7 mg/kg	16.0 mg/kg		
Copper	-	31.0 mg/kg	16.6 mg/kg	10.9 mg/kg	9.69 mg/kg	15.7 mg/kg		
Lead	-	112 mg/kg	18.7 mg/kg	7.54 mg/kg	10.7 mg/kg	11.4 mg/kg	14.5 mg/kg	22.9 mg/kg
Mercury	-	0.317 mg/kg	0.082 mg/kg	<0.045 mg/kg	<0.039 mg/kg	<0.041 mg/kg		
Nickel	-	15.7 mg/kg	12.5 mg/kg	12.9 mg/kg	17.4 mg/kg	17.4 mg/kg		
Selenium	-	<2.14 mg/kg	<2.06 mg/kg	<2.12 mg/kg	<2.11 mg/kg	<2.25 mg/kg		
Silver	-	<1.07 mg/kg	<1.03 mg/kg	<1.06 mg/kg	<1.06 mg/kg	<1.13 mg/kg		
Thallium	-	<1.07 mg/kg	<1.03 mg/kg	<1.06 mg/kg	<1.06 mg/kg	<1.13 mg/kg		
Vanadium	-	31.9 mg/kg	39.3 mg/kg	35.2 mg/kg	46.3 mg/kg	31.8 mg/kg		
Zinc	-	84.6 mg/kg	47.8 mg/kg	36.3 mg/kg	45.0 mg/kg	48.9 mg/kg		
Total Petroleum Hydrocarbons (CT ETPH)	-	<81 mg/kg	<84 mg/kg	<81 mg/kg	2100 mg/kg	<80 mg/kg		
Acenaphthylene	-	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg		
Benzo[a]anthracene	-	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg		
Benzo[b]fluoranthene	-	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg		
Benzo(a)pyrene	-	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg		
Benzo(g,h,i)perylene	-	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg		
Benzo(k)fluoranthene	-	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg		
Carbazole	-	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg		
Chrysene	-	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg		

Table 3
SUMMARY OF ANALYTICAL RESULTS
69 East Main Street, Meriden, Connecticut



	Location ID	LEA-01-01	LEA-01-02	LEA-01-03	LEA-01-03	LEA-01-04	LEA-02-01	LEA-02-02
	Sample ID	1376343	1376342	1376344	1376345	1376346	1376347	1376348
	Sample Date	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017
	Sample Time	09:55	08:53	12:20	12:20	12:55	09:30	09:45
	Sample Depth	6' - 8'	8' - 10'	8' - 10'	8' - 10'	8' - 10'	NM'	NM'
	Laboratory	TUNX	TUNX	TUNX	TUNX	TUNX	TUNX	TUNX
	Lab. Number	17102617-002	17102617-001	17102617-003	17102617-004	17102617-005	17102617-006	17102617-007
Constituent	Units							
Dibenz(a,h)anthracene	-	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg		
Fluoranthene	-	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg		
Fluorene	-	<230 ug/kg	<230 ug/kg	<230 ug/kg	470 ug/kg	<230 ug/kg		
Indeno(1,2,3-c,d)pyrene	-	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg		
Naphthalene	-	<9.2 ug/kg	<7.6 ug/kg	<9.3 ug/kg	<11 ug/kg	<8.4 ug/kg		
Naphthalene	-	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg		
Phenanthrene	-	<230 ug/kg	<230 ug/kg	<230 ug/kg	350 ug/kg	<230 ug/kg		
Pyrene	-	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg		
1,2-Dichloropropane	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Acenaphthene	-	<230 ug/kg	<230 ug/kg	<230 ug/kg	390 ug/kg	<230 ug/kg		
Acetone	-	<46.2 ug/kg	<37.8 ug/kg	<46.7 ug/kg	<52.7 ug/kg	<42.1 ug/kg		
Acrylonitrile	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Anthracene	-	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg		
Benzene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
1,2,3-Trichlorobenzene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
1,2,4-Trichlorobenzene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
1,2,4-Trimethylbenzene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
1,2-Dichlorobenzene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
1,3,5-Trimethylbenzene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
1,3-Dichlorobenzene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
1,4-Dichlorobenzene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Bromobenzene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Chlorobenzene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Ethylbenzene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Isopropylbenzene (Cumene)	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	33 ug/kg	<4.2 ug/kg		
n-Propylbenzene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
sec-Butylbenzene	-	<4.6 ug/kg	<3.8 ug/kg	390 ug/kg	400 ug/kg	<4.2 ug/kg		
tert-Butylbenzene	-	<4.6 ug/kg	<3.8 ug/kg	41 ug/kg	42 ug/kg	<4.2 ug/kg		

Table 3
SUMMARY OF ANALYTICAL RESULTS
69 East Main Street, Meriden, Connecticut



	Location ID	LEA-01-01	LEA-01-02	LEA-01-03	LEA-01-03	LEA-01-04	LEA-02-01	LEA-02-02
	Sample ID	1376343	1376342	1376344	1376345	1376346	1376347	1376348
	Sample Date	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017
	Sample Time	09:55	08:53	12:20	12:20	12:55	09:30	09:45
	Sample Depth	6' - 8'	8' - 10'	8' - 10'	8' - 10'	8' - 10'	NM'	NM'
	Laboratory	TUNX	TUNX	TUNX	TUNX	TUNX	TUNX	TUNX
	Lab. Number	17102617-002	17102617-001	17102617-003	17102617-004	17102617-005	17102617-006	17102617-007
Constituent	Units							
Hexachlorobutadiene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
2-Butanone (MEK)	-	<9.2 ug/kg	<7.6 ug/kg	<9.3 ug/kg	<11 ug/kg	<8.4 ug/kg		
trans-1,4-Dichloro-2-Butene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Carbon Disulfide	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Carbon Tetrachloride	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
4-Isopropyltoluene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Dichlorodifluoromethane	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
1,1,1,2-Tetrachloroethane	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
1,1,1-Trichloroethane	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
1,1,2,2-Tetrachloroethane	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
1,1,2-Trichloroethane	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
1,1-Dichloroethane	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Ethylene Dibromide	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
1,2-Dichloroethane	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Chloroethane	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Trichlorotrifluoroethane	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Methyl tert-Butyl ether	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
1,1-Dichloroethylene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
trans-1,2-Dichloroethylene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Vinyl Chloride	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Tetrachloroethylene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Tetrahydrofuran	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Hexanone, 2-	-	<9.2 ug/kg	<7.6 ug/kg	<9.3 ug/kg	<11 ug/kg	<8.4 ug/kg		
Bromomethane	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Bromodichloromethane	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Chloromethane	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Dibromochloromethane	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Methylene Dibromide	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		

Table 3
SUMMARY OF ANALYTICAL RESULTS
69 East Main Street, Meriden, Connecticut



	Location ID	LEA-01-01	LEA-01-02	LEA-01-03	LEA-01-03	LEA-01-04	LEA-02-01	LEA-02-02
	Sample ID	1376343	1376342	1376344	1376345	1376346	1376347	1376348
	Sample Date	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017
	Sample Time	09:55	08:53	12:20	12:20	12:55	09:30	09:45
	Sample Depth	6' - 8'	8' - 10'	8' - 10'	8' - 10'	8' - 10'	NM'	NM'
	Laboratory	TUNX	TUNX	TUNX	TUNX	TUNX	TUNX	TUNX
	Lab. Number	17102617-002	17102617-001	17102617-003	17102617-004	17102617-005	17102617-006	17102617-007
Constituent	Units							
Methylene Chloride	-	<9.2 ug/kg	<7.6 ug/kg	<9.3 ug/kg	<11 ug/kg	<8.4 ug/kg		
Bromoform	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Chloroform	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Trichlorofluoromethane	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
2-Methylnaphthalene	-	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg	<230 ug/kg		
Methyl Isobutyl ketone	-	<9.2 ug/kg	<7.6 ug/kg	<9.3 ug/kg	<11 ug/kg	<8.4 ug/kg		
1,2,3-Trichloropropane	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
1,2-Dibromo-3-Chloropropane	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
1,3-Dichloropropane	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
sec-Dichloropropane	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
1,1-Dichloropropene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
trans-1,3-Dichloropropene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
cis-1,3-Dichloropropene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Styrene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Toluene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
2-Chlorotoluene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
4-Chlorotoluene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Total Trihalomethanes (Calc.)	-	<4.6	<3.8	<4.7	<5.3	<4.2		
Trichloroethylene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
Xylenes, Total	-	<14 ug/kg	<11 ug/kg	<14 ug/kg	<16 ug/kg	<13 ug/kg		
cis-1,2-Dichloroethylene	-	<4.6 ug/kg	<3.8 ug/kg	<4.7 ug/kg	<5.3 ug/kg	<4.2 ug/kg		
n-Butylbenzene	-	<4.6 ug/kg	<3.8 ug/kg	94 ug/kg	92 ug/kg	<4.2 ug/kg		
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Table 5
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION
69 East Main Street, Meriden, Connecticut



Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class	LEAAlyt. Lab.	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
LEA-01-01	1376352	10/26/2017	10 - 15	GWG		X	x			x	X	
LEA-01-02	1376351	10/26/2017	10 - 15	GWG		X	x			x	X	
LEA-01-03	1376355	10/26/2017	11 - 16	GWG		X	x			X	X	
LEA-01-04	1376353	10/26/2017	7 - 12	GWG		X	x			x	X	
LEA-01-04	1376354	10/26/2017	7 - 12	GWG		X	x			x	X	

Table 6
SUMMARY OF CONSTITUENTS DETECTED
69 East Main Street, Meriden, Connecticut



	Location ID	LEA-01-01	LEA-01-01	LEA-01-02	LEA-01-02	LEA-01-03	LEA-01-03	LEA-01-03
	Sample ID	1376352	1376352	1376351	1376351	1376355	1376355	1376355
	Sample Date	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017
	Sample Time	11:51	11:51	10:46	10:46	15:41	15:41	15:41
	Sample Depth	10' - 15'	10' - 15'	10' - 15'	10' - 15'	11' - 16'	11' - 16'	11' - 16'
	Laboratory	TUNX	TUNX	TUNX	TUNX	TUNX	TUNX	TUNX
	Lab. Number	17102617-008	17102617-009	17102617-010	17102617-011	17102617-016	17102617-016A	17102617-017
Constituent	Units							
Depth to Water	Ft	12	12	12.83	12.83	10.13	10.13	10.13
Specific Conductivity (field)	uS/cm	929	929	787	787	925	925	925
pH (field measurement)	SU	7.20	7.20	7.55	7.55	8.04	8.04	8.04
Date Metals Analyzed	-		10/31/2017		10/31/2017			10/31/2017
Date Organics Analyzed	-	11/09/2017		11/09/2017		11/09/2017	11/09/2017	
Date Physical Analyzed	-					10/31/2017		
Antimony (unfiltered)	mg/L				0.0026			
Arsenic (unfiltered)	mg/L				0.0012			0.0033
Barium (unfiltered)	mg/L		0.349		0.185			0.328
Beryllium (unfiltered)	mg/L							0.002
Cadmium (unfiltered)	mg/L		0.0003		0.0002			0.0005
Chromium, Total (unfiltered)	mg/L		0.005					0.031
Copper (unfiltered)	mg/L							0.018
Lead (unfiltered)	mg/L		0.0032					0.0229
Mercury (unfiltered)	mg/L							
Nickel (unfiltered)	mg/L		0.006		0.002			0.026
Selenium (unfiltered)	mg/L		0.002		0.002			0.004
Silver (unfiltered)	mg/L							
Vanadium (unfiltered)	mg/L		0.008		0.005			0.042
Zinc (unfiltered)	mg/L		0.016					0.077
Total Petroleum Hydrocarbons (CT ETPH)	mg/L					0.19		
Tetrachloroethylene	ug/L	59		30		330 H	270	
Trichloroethylene	ug/L	2.4		3.3		13	12	
cis-1,2-Dichloroethylene	ug/L	0.8		4.2		7.1	7.1	
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Table 6
SUMMARY OF CONSTITUENTS DETECTED
69 East Main Street, Meriden, Connecticut



	Location ID	LEA-01-04	LEA-01-04	LEA-01-04	LEA-01-04			
	Sample ID	1376353	1376353	1376354	1376354			
	Sample Date	10/26/2017	10/26/2017	10/26/2017	10/26/2017			
	Sample Time	14:11	14:11	14:11	14:11			
	Sample Depth	7' - 12'	7' - 12'	7' - 12'	7' - 12'			
	Laboratory	TUNX	TUNX	TUNX	TUNX			
	Lab. Number	17102617-012	17102617-013	17102617-014	17102617-015			
Constituent	Units							
Depth to Water	Ft	9.63	9.63	9.63	9.63			
Specific Conductivity (field)	uS/cm	867	867	867	867			
pH (field measurement)	SU	7.63	7.63	7.63	7.63			
Date Metals Analyzed	-		10/31/2017		10/31/2017			
Date Organics Analyzed	-	11/09/2017		11/09/2017				
Date Physical Analyzed	-							
Antimony (unfiltered)	mg/L							
Arsenic (unfiltered)	mg/L		0.0147		0.0172			
Barium (unfiltered)	mg/L		1.12		1.40			
Beryllium (unfiltered)	mg/L		0.006		0.007			
Cadmium (unfiltered)	mg/L		0.0009		0.0012			
Chromium, Total (unfiltered)	mg/L		0.080		0.102			
Copper (unfiltered)	mg/L		0.097		0.128			
Lead (unfiltered)	mg/L		0.128		0.170			
Mercury (unfiltered)	mg/L		0.0010		0.0013			
Nickel (unfiltered)	mg/L		0.088		0.114			
Selenium (unfiltered)	mg/L		0.010		0.012			
Silver (unfiltered)	mg/L				0.0006			
Vanadium (unfiltered)	mg/L		0.125		0.151			
Zinc (unfiltered)	mg/L		0.280		0.374			
Total Petroleum Hydrocarbons (CT ETPH)	mg/L							
Tetrachloroethylene	ug/L	5.1		5.1				
Trichloroethylene	ug/L							
cis-1,2-Dichloroethylene	ug/L							
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Table 7
SUMMARY OF ANALYTICAL RESULTS
69 East Main Street, Meriden, Connecticut



	Location ID	LEA-01-01	LEA-01-01	LEA-01-02	LEA-01-02	LEA-01-03	LEA-01-03	LEA-01-03
Sample ID	1376352	1376352	1376352	1376351	1376351	1376355	1376355	1376355
Sample Date	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017
Sample Time	11:51	11:51	11:51	10:46	10:46	15:41	15:41	15:41
Sample Depth	10' - 15'	10' - 15'	10' - 15'	10' - 15'	10' - 15'	11' - 16'	11' - 16'	11' - 16'
Laboratory	TUNX	TUNX	TUNX	TUNX	TUNX	TUNX	TUNX	TUNX
Lab. Number	17102617-008	17102617-009	17102617-010	17102617-011	17102617-016	17102617-016A	17102617-017	17102617-017
Constituent	Units							
Depth to Water	Ft	12	12	12.83	12.83	10.13	10.13	10.13
Specific Conductivity (field)	uS/cm	929	929	787	787	925	925	925
pH (field measurement)	SU	7.20	7.20	7.55	7.55	8.04	8.04	8.04
Date Metals Analyzed	-		10/31/2017		10/31/2017			10/31/2017
Date Organics Analyzed	-	11/09/2017		11/09/2017		11/09/2017	11/09/2017	
Date Physical Analyzed	-	10/31/2017		10/31/2017		10/31/2017		
Date Semivolatile Organics Analyzed	-	11/06/2017		11/06/2017		11/06/2017		
Antimony (unfiltered)	mg/L		<0.0010		0.0026			<0.0010
Arsenic (unfiltered)	mg/L		<0.0010		0.0012			0.0033
Barium (unfiltered)	mg/L		0.349		0.185			0.328
Beryllium (unfiltered)	mg/L		<0.001		<0.001			0.002
Cadmium (unfiltered)	mg/L		0.0003		0.0002			0.0005
Chromium, Total (unfiltered)	mg/L		0.005		<0.005			0.031
Copper (unfiltered)	mg/L		<0.005		<0.005			0.018
Lead (unfiltered)	mg/L		0.0032		<0.0010			0.0229
Mercury (unfiltered)	mg/L		<0.0002		<0.0002			<0.0002
Nickel (unfiltered)	mg/L		0.006		0.002			0.026
Selenium (unfiltered)	mg/L		0.002		0.002			0.004
Silver (unfiltered)	mg/L		<0.0005		<0.0005			<0.0005
Thallium (unfiltered)	mg/L		<0.0010		<0.0010			<0.0010
Vanadium (unfiltered)	mg/L		0.008		0.005			0.042
Zinc (unfiltered)	mg/L		0.016		<0.010			0.077
Total Petroleum Hydrocarbons (CT ETPH)	mg/L	<0.071		<0.07		0.19		
Acenaphthylene	ug/L	<1.0		<1.0		<1.0		
Benzo[a]anthracene	ug/L	<1.0		<1.0		<1.0		
Benzo[b]fluoranthene	ug/L	<1.0		<1.0		<1.0		
Benzo(a)pyrene	ug/L	<1.0		<1.0		<1.0		
Benzo(g,h,i)perylene	ug/L	<1.0		<1.0		<1.0		

Table 7
SUMMARY OF ANALYTICAL RESULTS
69 East Main Street, Meriden, Connecticut



	Location ID	LEA-01-01	LEA-01-01	LEA-01-02	LEA-01-02	LEA-01-03	LEA-01-03	LEA-01-03
	Sample ID	1376352	1376352	1376351	1376351	1376355	1376355	1376355
	Sample Date	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017
	Sample Time	11:51	11:51	10:46	10:46	15:41	15:41	15:41
	Sample Depth	10' - 15'	10' - 15'	10' - 15'	10' - 15'	11' - 16'	11' - 16'	11' - 16'
	Laboratory	TUNX	TUNX	TUNX	TUNX	TUNX	TUNX	TUNX
	Lab. Number	17102617-008	17102617-009	17102617-010	17102617-011	17102617-016	17102617-016A	17102617-017
Constituent	Units							
Benzo(k)fluoranthene	ug/L	<1.0		<1.0		<1.0		
Carbazole	ug/L	<1.0		<1.0		<1.0		
Chrysene	ug/L	<1.0		<1.0		<1.0		
Dibenz(a,h)anthracene	ug/L	<1.0		<1.0		<1.0		
Fluoranthene	ug/L	<1.0		<1.0		<1.0		
Fluorene	ug/L	<1.0		<1.0		<1.0		
Indeno(1,2,3-c,d)pyrene	ug/L	<1.0		<1.0		<1.0		
Naphthalene	ug/L	<0.5		<0.5		<0.5	<5.0	
Naphthalene	ug/L	<1.0		<1.0		<1.0		
Phenanthrene	ug/L	<1.0		<1.0		<1.0		
Pyrene	ug/L	<1.0		<1.0		<1.0		
1,2-Dichloropropane	ug/L	<0.5		<0.5		<0.5	<5.0	
Acenaphthene	ug/L	<1.0		<1.0		<1.0		
Acetone	ug/L	<10.0		<10.0		<10.0	<100.0	
Acrylonitrile	ug/L	<0.5		<0.5		<0.5	<5.0	
Anthracene	ug/L	<1.0		<1.0		<1.0		
Benzene	ug/L	<0.5		<0.5		<0.5	<5.0	
1,2,3-Trichlorobenzene	ug/L	<0.5		<0.5		<0.5	<5.0	
1,2,4-Trichlorobenzene	ug/L	<0.5		<0.5		<0.5	<5.0	
1,2,4-Trimethylbenzene	ug/L	<0.5		<0.5		<0.5	<5.0	
1,2-Dichlorobenzene	ug/L	<0.5		<0.5		<0.5	<5.0	
1,3,5-Trimethylbenzene	ug/L	<0.5		<0.5		<0.5	<5.0	
1,3-Dichlorobenzene	ug/L	<0.5		<0.5		<0.5	<5.0	
1,4-Dichlorobenzene	ug/L	<0.5		<0.5		<0.5	<5.0	
Bromobenzene	ug/L	<0.5		<0.5		<0.5	<5.0	
Chlorobenzene	ug/L	<0.5		<0.5		<0.5	<5.0	
Ethylbenzene	ug/L	<0.5		<0.5		<0.5	<5.0	
Isopropylbenzene (Cumene)	ug/L	<0.5		<0.5		<0.5	<5.0	

Table 7
SUMMARY OF ANALYTICAL RESULTS
69 East Main Street, Meriden, Connecticut



	Location ID	LEA-01-01	LEA-01-01	LEA-01-02	LEA-01-02	LEA-01-03	LEA-01-03	LEA-01-03
	Sample ID	1376352	1376352	1376351	1376351	1376355	1376355	1376355
	Sample Date	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017
	Sample Time	11:51	11:51	10:46	10:46	15:41	15:41	15:41
	Sample Depth	10' - 15'	10' - 15'	10' - 15'	10' - 15'	11' - 16'	11' - 16'	11' - 16'
	Laboratory	TUNX	TUNX	TUNX	TUNX	TUNX	TUNX	TUNX
	Lab. Number	17102617-008	17102617-009	17102617-010	17102617-011	17102617-016	17102617-016A	17102617-017
Constituent	Units							
n-Propylbenzene	ug/L	<0.5		<0.5		<0.5	<5.0	
sec-Butylbenzene	ug/L	<0.5		<0.5		<0.5	<5.0	
tert-Butylbenzene	ug/L	<0.5		<0.5		<0.5	<5.0	
Hexachlorobutadiene	ug/L	<0.4		<0.4		<0.4	<4.0	
2-Butanone (MEK)	ug/L	<2.0		<2.0		<2.0	<20	
trans-1,4-Dichloro-2-Butene	ug/L	<0.5		<0.5		<0.5	<5.0	
Carbon Disulfide	ug/L	<0.5		<0.5		<0.5	<5.0	
Carbon Tetrachloride	ug/L	<0.5		<0.5		<0.5	<5.0	
4-Isopropyltoluene	ug/L	<0.5		<0.5		<0.5	<5.0	
Dichlorodifluoromethane	ug/L	<0.5		<0.5		<0.5	<5.0	
1,1,1,2-Tetrachloroethane	ug/L	<0.5		<0.5		<0.5	<5.0	
1,1,1-Trichloroethane	ug/L	<0.5		<0.5		<0.5	<5.0	
1,1,2,2-Tetrachloroethane	ug/L	<0.5		<0.5		<0.5	<5.0	
1,1,2-Trichloroethane	ug/L	<0.5		<0.5		<0.5	<5.0	
1,1-Dichloroethane	ug/L	<0.5		<0.5		<0.5	<5.0	
Ethylene Dibromide	ug/L	<0.5		<0.5		<0.5	<5.0	
1,2-Dichloroethane	ug/L	<0.5		<0.5		<0.5	<5.0	
Chloroethane	ug/L	<0.5		<0.5		<0.5	<5.0	
Trichlorotrifluoroethane	ug/L	<0.5		<0.5		<0.5	<5.0	
Methyl tert-Butyl ether	ug/L	<0.5		<0.5		<0.5	<5.0	
1,1-Dichloroethylene	ug/L	<0.5		<0.5		<0.5	<5.0	
trans-1,2-Dichloroethylene	ug/L	<0.5		<0.5		<0.5	<5.0	
Vinyl Chloride	ug/L	<0.5		<0.5		<0.5	<5.0	
Tetrachloroethylene	ug/L	59		30		330 H	270	
Tetrahydrofuran	ug/L	<0.5		<0.5		<0.5	<5.0	
Hexanone, 2-	ug/L	<1.0		<1.0		<1.0	<10.0	
Bromomethane	ug/L	<0.5		<0.5		<0.5	<5.0	
Bromodichloromethane	ug/L	<0.5		<0.5		<0.5	<5.0	

Table 7
SUMMARY OF ANALYTICAL RESULTS
69 East Main Street, Meriden, Connecticut



	Location ID	LEA-01-01	LEA-01-01	LEA-01-02	LEA-01-02	LEA-01-03	LEA-01-03	LEA-01-03
Sample ID	1376352	1376352	1376352	1376351	1376351	1376355	1376355	1376355
Sample Date	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017
Sample Time	11:51	11:51	11:51	10:46	10:46	15:41	15:41	15:41
Sample Depth	10' - 15'	10' - 15'	10' - 15'	10' - 15'	10' - 15'	11' - 16'	11' - 16'	11' - 16'
Laboratory	TUNX	TUNX	TUNX	TUNX	TUNX	TUNX	TUNX	TUNX
Lab. Number	17102617-008	17102617-009	17102617-010	17102617-011	17102617-016	17102617-016A	17102617-017	17102617-017
Constituent	Units							
Chloromethane	ug/L	<0.5		<0.5		<0.5	<5.0	
Dibromochloromethane	ug/L	<0.5		<0.5		<0.5	<5.0	
Methylene Dibromide	ug/L	<0.5		<0.5		<0.5	<5.0	
Methylene Chloride	ug/L	<1.0		<1.0		<1.0	<10.0	
Bromoform	ug/L	<0.5		<0.5		<0.5	<5.0	
Chloroform	ug/L	<0.5		<0.5		<0.5	<5.0	
Trichlorofluoromethane	ug/L	<0.5		<0.5		<0.5	<5.0	
2-Methylnaphthalene	ug/L	<1.0		<1.0		<1.0		
Methyl Isobutyl ketone	ug/L	<2.0		<2.0		<2.0	<20	
1,2,3-Trichloropropane	ug/L	<0.5		<0.5		<0.5	<5.0	
1,2-Dibromo-3-Chloropropane	ug/L	<0.5		<0.5		<0.5	<5.0	
1,3-Dichloropropane	ug/L	<0.5		<0.5		<0.5	<5.0	
sec-Dichloropropane	ug/L	<0.5		<0.5		<0.5	<5.0	
1,1-Dichloropropene	ug/L	<0.5		<0.5		<0.5	<5.0	
trans-1,3-Dichloropropene	ug/L	<0.5		<0.5		<0.5	<5.0	
cis-1,3-Dichloropropene	ug/L	<0.5		<0.5		<0.5	<5.0	
Styrene	ug/L	<0.5		<0.5		<0.5	<5.0	
Toluene	ug/L	<0.5		<0.5		<0.5	<5.0	
2-Chlorotoluene	ug/L	<0.5		<0.5		<0.5	<5.0	
4-Chlorotoluene	ug/L	<0.5		<0.5		<0.5	<5.0	
Total Trihalomethanes (Calc.)	ug/L	<0.5		<0.5		<0.5	<5.0	
Trichloroethylene	ug/L	2.4		3.3		13	12	
o-Xylene	ug/L	<0.5		<0.5		<0.5	<5.0	
Xylenes, Total (Calc.)	ug/L	<0.5		<0.5		<0.5	<5.0	
Xylenes,m- & p-	ug/L	<0.5		<0.5		<0.5	<5.0	
cis-1,2-Dichloroethylene	ug/L	0.8		4.2		7.1	7.1	
n-Butylbenzene	ug/L	<0.5		<0.5		<0.5	<5.0	
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Table 7
SUMMARY OF ANALYTICAL RESULTS
69 East Main Street, Meriden, Connecticut



	Location ID	LEA-01-04	LEA-01-04	LEA-01-04	LEA-01-04			
	Sample ID	1376353	1376353	1376354	1376354			
	Sample Date	10/26/2017	10/26/2017	10/26/2017	10/26/2017			
	Sample Time	14:11	14:11	14:11	14:11			
	Sample Depth	7' - 12'	7' - 12'	7' - 12'	7' - 12'			
	Laboratory	TUNX	TUNX	TUNX	TUNX			
	Lab. Number	17102617-012	17102617-013	17102617-014	17102617-015			
Constituent	Units							
Depth to Water	Ft	9.63	9.63	9.63	9.63			
Specific Conductivity (field)	uS/cm	867	867	867	867			
pH (field measurement)	SU	7.63	7.63	7.63	7.63			
Date Metals Analyzed	-		10/31/2017		10/31/2017			
Date Organics Analyzed	-	11/09/2017		11/09/2017				
Date Physical Analyzed	-	10/31/2017		10/31/2017				
Date Semivolatile Organics Analyzed	-	11/06/2017		11/06/2017				
Antimony (unfiltered)	mg/L		<0.0010		<0.0010			
Arsenic (unfiltered)	mg/L		0.0147		0.0172			
Barium (unfiltered)	mg/L		1.12		1.40			
Beryllium (unfiltered)	mg/L		0.006		0.007			
Cadmium (unfiltered)	mg/L		0.0009		0.0012			
Chromium, Total (unfiltered)	mg/L		0.080		0.102			
Copper (unfiltered)	mg/L		0.097		0.128			
Lead (unfiltered)	mg/L		0.128		0.170			
Mercury (unfiltered)	mg/L		0.0010		0.0013			
Nickel (unfiltered)	mg/L		0.088		0.114			
Selenium (unfiltered)	mg/L		0.010		0.012			
Silver (unfiltered)	mg/L		<0.0005		0.0006			
Thallium (unfiltered)	mg/L		<0.0010		<0.0010			
Vanadium (unfiltered)	mg/L		0.125		0.151			
Zinc (unfiltered)	mg/L		0.280		0.374			
Total Petroleum Hydrocarbons (CT ETPH)	mg/L	<0.071		<0.07				
Acenaphthylene	ug/L	<1.2		<1.1				
Benzo[a]anthracene	ug/L	<1.2		<1.1				
Benzo[b]fluoranthene	ug/L	<1.2		<1.1				
Benzo(a)pyrene	ug/L	<1.2		<1.1				
Benzo(g,h,i)perylene	ug/L	<1.2		<1.1				

Table 7
SUMMARY OF ANALYTICAL RESULTS
69 East Main Street, Meriden, Connecticut



	Location ID	LEA-01-04	LEA-01-04	LEA-01-04	LEA-01-04			
	Sample ID	1376353	1376353	1376354	1376354			
	Sample Date	10/26/2017	10/26/2017	10/26/2017	10/26/2017			
	Sample Time	14:11	14:11	14:11	14:11			
	Sample Depth	7' - 12'	7' - 12'	7' - 12'	7' - 12'			
	Laboratory	TUNX	TUNX	TUNX	TUNX			
	Lab. Number	17102617-012	17102617-013	17102617-014	17102617-015			
Constituent	Units							
Benzo(k)fluoranthene	ug/L	<1.2		<1.1				
Carbazole	ug/L	<1.2		<1.1				
Chrysene	ug/L	<1.2		<1.1				
Dibenz(a,h)anthracene	ug/L	<1.2		<1.1				
Fluoranthene	ug/L	<1.2		<1.1				
Fluorene	ug/L	<1.2		<1.1				
Indeno(1,2,3-c,d)pyrene	ug/L	<1.2		<1.1				
Naphthalene	ug/L	<0.5		<0.5				
Naphthalene	ug/L	<1.2		<1.1				
Phenanthrene	ug/L	<1.2		<1.1				
Pyrene	ug/L	<1.2		<1.1				
1,2-Dichloropropane	ug/L	<0.5		<0.5				
Acenaphthene	ug/L	<1.2		<1.1				
Acetone	ug/L	<10.0		<10.0				
Acrylonitrile	ug/L	<0.5		<0.5				
Anthracene	ug/L	<1.2		<1.1				
Benzene	ug/L	<0.5		<0.5				
1,2,3-Trichlorobenzene	ug/L	<0.5		<0.5				
1,2,4-Trichlorobenzene	ug/L	<0.5		<0.5				
1,2,4-Trimethylbenzene	ug/L	<0.5		<0.5				
1,2-Dichlorobenzene	ug/L	<0.5		<0.5				
1,3,5-Trimethylbenzene	ug/L	<0.5		<0.5				
1,3-Dichlorobenzene	ug/L	<0.5		<0.5				
1,4-Dichlorobenzene	ug/L	<0.5		<0.5				
Bromobenzene	ug/L	<0.5		<0.5				
Chlorobenzene	ug/L	<0.5		<0.5				
Ethylbenzene	ug/L	<0.5		<0.5				
Isopropylbenzene (Cumene)	ug/L	<0.5		<0.5				

Table 7
SUMMARY OF ANALYTICAL RESULTS
69 East Main Street, Meriden, Connecticut



	Location ID	LEA-01-04	LEA-01-04	LEA-01-04	LEA-01-04			
	Sample ID	1376353	1376353	1376354	1376354			
	Sample Date	10/26/2017	10/26/2017	10/26/2017	10/26/2017			
	Sample Time	14:11	14:11	14:11	14:11			
	Sample Depth	7' - 12'	7' - 12'	7' - 12'	7' - 12'			
	Laboratory	TUNX	TUNX	TUNX	TUNX			
	Lab. Number	17102617-012	17102617-013	17102617-014	17102617-015			
Constituent	Units							
n-Propylbenzene	ug/L	<0.5		<0.5				
sec-Butylbenzene	ug/L	<0.5		<0.5				
tert-Butylbenzene	ug/L	<0.5		<0.5				
Hexachlorobutadiene	ug/L	<0.4		<0.4				
2-Butanone (MEK)	ug/L	<2.0		<2.0				
trans-1,4-Dichloro-2-Butene	ug/L	<0.5		<0.5				
Carbon Disulfide	ug/L	<0.5		<0.5				
Carbon Tetrachloride	ug/L	<0.5		<0.5				
4-Isopropyltoluene	ug/L	<0.5		<0.5				
Dichlorodifluoromethane	ug/L	<0.5		<0.5				
1,1,1,2-Tetrachloroethane	ug/L	<0.5		<0.5				
1,1,1-Trichloroethane	ug/L	<0.5		<0.5				
1,1,2,2-Tetrachloroethane	ug/L	<0.5		<0.5				
1,1,2-Trichloroethane	ug/L	<0.5		<0.5				
1,1-Dichloroethane	ug/L	<0.5		<0.5				
Ethylene Dibromide	ug/L	<0.5		<0.5				
1,2-Dichloroethane	ug/L	<0.5		<0.5				
Chloroethane	ug/L	<0.5		<0.5				
Trichlorotrifluoroethane	ug/L	<0.5		<0.5				
Methyl tert-Butyl ether	ug/L	<0.5		<0.5				
1,1-Dichloroethylene	ug/L	<0.5		<0.5				
trans-1,2-Dichloroethylene	ug/L	<0.5		<0.5				
Vinyl Chloride	ug/L	<0.5		<0.5				
Tetrachloroethylene	ug/L	5.1		5.1				
Tetrahydrofuran	ug/L	<0.5		<0.5				
Hexanone, 2-	ug/L	<1.0		<1.0				
Bromomethane	ug/L	<0.5		<0.5				
Bromodichloromethane	ug/L	<0.5		<0.5				

Table 7
SUMMARY OF ANALYTICAL RESULTS
69 East Main Street, Meriden, Connecticut



	Location ID	LEA-01-04	LEA-01-04	LEA-01-04	LEA-01-04			
	Sample ID	1376353	1376353	1376354	1376354			
	Sample Date	10/26/2017	10/26/2017	10/26/2017	10/26/2017			
	Sample Time	14:11	14:11	14:11	14:11			
	Sample Depth	7' - 12'	7' - 12'	7' - 12'	7' - 12'			
	Laboratory	TUNX	TUNX	TUNX	TUNX			
	Lab. Number	17102617-012	17102617-013	17102617-014	17102617-015			
Constituent	Units							
Chloromethane	ug/L	<0.5		<0.5				
Dibromochloromethane	ug/L	<0.5		<0.5				
Methylene Dibromide	ug/L	<0.5		<0.5				
Methylene Chloride	ug/L	<1.0		<1.0				
Bromoform	ug/L	<0.5		<0.5				
Chloroform	ug/L	<0.5		<0.5				
Trichlorofluoromethane	ug/L	<0.5		<0.5				
2-Methylnaphthalene	ug/L	<1.2		<1.1				
Methyl Isobutyl ketone	ug/L	<2.0		<2.0				
1,2,3-Trichloropropane	ug/L	<0.5		<0.5				
1,2-Dibromo-3-Chloropropane	ug/L	<0.5		<0.5				
1,3-Dichloropropane	ug/L	<0.5		<0.5				
sec-Dichloropropane	ug/L	<0.5		<0.5				
1,1-Dichloropropene	ug/L	<0.5		<0.5				
trans-1,3-Dichloropropene	ug/L	<0.5		<0.5				
cis-1,3-Dichloropropene	ug/L	<0.5		<0.5				
Styrene	ug/L	<0.5		<0.5				
Toluene	ug/L	<0.5		<0.5				
2-Chlorotoluene	ug/L	<0.5		<0.5				
4-Chlorotoluene	ug/L	<0.5		<0.5				
Total Trihalomethanes (Calc.)	ug/L	<0.5		<0.5				
Trichloroethylene	ug/L	<0.5		<0.5				
o-Xylene	ug/L	<0.5		<0.5				
Xylenes, Total (Calc.)	ug/L	<0.5		<0.5				
Xylenes,m- & p-	ug/L	<0.5		<0.5				
cis-1,2-Dichloroethylene	ug/L	<0.5		<0.5				
n-Butylbenzene	ug/L	<0.5		<0.5				
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ATTACHMENT A

Soil Boring Logs

GEOLOGIC BORING LOG

Project: City of Meriden-69 E Main St - Phase II				Start Date 10/26/2017	Boring ID LEA-01-01
LEA Commission Number 58ML701.003				End Date 10/26/2017	
Client City of Meriden - GSca					
Location City of Meriden					
Drilling Contractor Loureiro Engineering Associates, Inc.			Logged by Keith Volkert		
Drilling Method Hand Auger			Drilling Foreman John Pawlowski		
Sampling Method Macro Core			Drill Rig Hand Auger		
Groundwater Observation			Surface Elevation		
Depth 13.0 at Hours			Latitude		
Depth at Hours			Longitude		
Depth	Sample Information			Soil Description Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"		
0- 		100		0"-6": Topsoil	0.1
6"-9" 				Red brown, fine to very fine SAND, some fine to medium Gravel, trace Silt, loose, moist	
2- 		63		As above, pieces of concrete	0.1
4- 		71		As above	0.3
6- 	1376343	71		Black staining, fine to very fine SAND, little fine to medium Gravel, trace Silt, loose, moist	0.4
8- 		83		Red brown, fine to very fine SAND, little Silt, trace Clay, moderately dense, moist	0.1
10- 		83		As above	0.0
12- V		75		Red brown, very fine to medium SAND, trace Silt, little fine to medium Gravel, loose, wet	0.1
14- 16		75		As above Bottom of Boring at 16 feet	0.1



GEOLOGIC BORING LOG

Project: City of Meriden-69 E Main St - Phase II				Start Date 10/26/2017	Boring ID LEA-01-02
LEA Commission Number 58ML701.003				End Date 10/26/2017	
Client City of Meriden - GSca					
Location City of Meriden					
Drilling Contractor Loureiro Engineering Associates, Inc.			Logged by Keith Volkert		
Drilling Method Direct Push			Drilling Foreman Jeremy Corcoran		
Sampling Method Macro Core			Drill Rig Geoprobe 6610 DT		
Groundwater Observation			Surface Elevation		
Depth 13.8	at	Hours	Latitude		
Depth	at	Hours	Longitude		
Depth	Sample Information			Soil Description Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"		
0- 		67		0"-6": Topsoil 6" to 10": Red brown, very fine to fine SAND, trace Silt, trace fine to medium Gravel, loose, moist	0.0
2- 		67		6"-10": As above	0.1
4- 		75		Red brown, fine to medium SAND, little Silt, trace Clay, trace fine to medium Gravel, moderately dense, moist	0.0
6- 		75		As above	0.0
8- 	1376342	79		As above, piece of wood at about 7 feet	0.1
10- 		79		Red brown, fine to medium SAND, little Silt, trace fine Gravel, loose, wet	0.1
12- 		75		Red brown, fine to medium SAND, trace Silt, little fine to medium Gravel, loose, wet	0.2
14- 16		75		As above Bottom of Boring at 16 feet	0.1



GEOLOGIC BORING LOG

Project: City of Meriden-69 E Main St - Phase II				Start Date 10/26/2017	Boring ID LEA-01-03
LEA Commission Number 58ML701.003				End Date 10/26/2017	
Client City of Meriden - GSca					
Location City of Meriden					
Drilling Contractor Loureiro Engineering Associates, Inc.			Logged by Keith Volkert		
Drilling Method Direct Push			Drilling Foreman Jeremy Corcoran		
Sampling Method Macro Core			Drill Rig Geoprobe 6610 DT		
Groundwater Observation			Surface Elevation		
Depth 12.1	at	Hours	Latitude		
Depth	at	Hours	Longitude		
Depth	Sample Information			Soil Description Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"		
0- 		67		0"-6": Topsoil 6"-16" Red brown, fine to very fine SAND, trace Silt, little fine to medium Gravel, loose, moist	0.1
2- 		67		As above (6"-16")	0.0
4- 		75		Red brown, fine to very fine SAND, some fine to medium Gravel, trace Silt, loose, moist	0.0
6- 		75		As above	0.0
8- 	1376344, 1376345	88		Dark red brown to black, fine to very fine SAND, little fine Gravel, trace Silt, strong solvent odor, loose, moist	175
10- 		88		Red brown, fine to very fine SAND, trace medium Sand, trace Silt, trace fine to medium Gravel, loose, moist, slight odor	43.7
12- 	V	75		As above, no odor, wet at 12.5 feet	0.4
14- 16		75		As above, wet Bottom of Boring at 16 feet	0.1



GEOLOGIC BORING LOG

Project: City of Meriden-69 E Main St - Phase II LEA Commission Number 58ML701.003 Client City of Meriden - GSca Location City of Meriden				Start Date 10/26/2017 End Date 10/26/2017	Boring ID LEA-01-04
Drilling Contractor Loureiro Engineering Associates, Inc. Drilling Method Direct Push Sampling Method Macro Core Groundwater Observation		Logged by Keith Volkert Drilling Foreman Jeremy Corcoran Drill Rig Geoprobe 6610 DT Surface Elevation Latitude Longitude			
Depth 11.6 at Hours Depth at Hours					
Depth	Sample Information			Soil Description Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"		
0- 		63		0"-6": Topsoil 6"-15": Red brown, fine to medium SAND, little fine to medium Gravel, trace Silt, loose, moist	0.1
2- 		63		As above (6"-15")	0.0
4- 		75		Red brown, fine to medium SAND, little fine to medium Gravel, trace Brick, Concrete, and peices of Metal, loose, moist	0.0
6- 		75		Brown, fine to medium SAND, little fine to medium Gravel, trace Silt, loose, moist	0.3
8- 	1376346	58		Brown, fine to medium SAND, little fine to medium Gravel, trace Silt, loose, wet at 10 feet	0.2
10- 12		58		As above, wet Bottom of Boring at 12 feet	0.1



ATTACHMENT B

Laboratory Report

Report of Analysis

For: Loureiro Engineering Associates
 100 Northwest Drive
 Plainville, CT 06062

Thursday, November 09, 2017

Attn: Kyle Zalaski

Project#: 58ML7.01

Client Sample Detail

SampleNumber	Matrix	Client ID#	CollectDate	Location
17102617-001	Solid	1376342	10/26/2017	69 East Main Street, Meridan, CT
17102617-002	Solid	1376343	10/26/2017	69 East Main Street, Meridan, CT
17102617-003	Solid	1376344	10/26/2017	69 East Main Street, Meridan, CT
17102617-004	Solid	1376345	10/26/2017	69 East Main Street, Meridan, CT
17102617-005	Solid	1376346	10/26/2017	69 East Main Street, Meridan, CT
17102617-006	Solid	1376347	10/26/2017	69 East Main Street, Meridan, CT
17102617-007	Solid	1376348	10/26/2017	69 East Main Street, Meridan, CT
17102617-008	Groundwater	1376352	10/26/2017	69 East Main Street, Meridan, CT
17102617-009	Groundwater	1376352uf	10/26/2017	69 East Main Street, Meridan, CT
17102617-010	Groundwater	1376351	10/26/2017	69 East Main Street, Meridan, CT
17102617-011	Groundwater	1376351uf	10/26/2017	69 East Main Street, Meridan, CT
17102617-012	Groundwater	1376353	10/26/2017	69 East Main Street, Meridan, CT
17102617-013	Groundwater	1376353uf	10/26/2017	69 East Main Street, Meridan, CT
17102617-014	Groundwater	1376354	10/26/2017	69 East Main Street, Meridan, CT
17102617-015	Groundwater	1376354uf	10/26/2017	69 East Main Street, Meridan, CT
17102617-016	Groundwater	1376355	10/26/2017	69 East Main Street, Meridan, CT
17102617-016A	Groundwater	1376355	10/26/2017	69 East Main Street, Meridan, CT
17102617-017	Groundwater	1376355uf	10/26/2017	69 East Main Street, Meridan, CT
17102617-018	Blank Water	1376349	10/26/2017	69 East Main Street, Meridan, CT
17102617-019	Groundwater	1376350	10/26/2017	69 East Main Street, Meridan, CT
17102617-020	Groundwater	1376356	10/26/2017	69 East Main Street, Meridan, CT
17102617-021	Groundwater	1376356uf	10/26/2017	69 East Main Street, Meridan, CT
17102617-022	Groundwater	1376341	10/26/2017	69 East Main Street, Meridan, CT
17102617-023	Groundwater	1376341uf	10/26/2017	69 East Main Street, Meridan, CT

Case Narrative

BatchID	QC Type	Parameter	Method	Result	Limits
17102617-003	BFB		SW-846 8260C	1841	70 - 130
Surrogate		Result is above limits. sample test associated with this surrogate may be bias high.			

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 860-793-8866

The results recorded in this report relate only to the samples as received on the date and time noted.

NA = not analyzed

17102617-004	BFB	SW-846 8260C	1007	70 - 130
Surrogate	Result is above limits, sample test associated with this surrogate may be bias high.			
QC1710487	Nickel	SW-846 6010C	0.01400	-0.01 - 0.01
Correction A	Blank correction is outside limits. Background correction settings for high level interferences may bias r			
QC1710487	Barium	SW-846 6010C	0.01100	-0.01 - 0.01
LRB	Blank result is outside limits, positive sample results associated with this batch are qualified, as possible contamination.			
QC1710487	Copper	SW-846 6010C	0.006000	-0.005 - 0.005
LRB	Blank result is outside limits, positive sample results associated with this batch are qualified, as possible contamination.			
QC1710487	Barium	SW-846 6010C	72.80	75 - 125
MSD	Result is below limits, samples results associated with this batch are bias low.			
QC1711004	Acetone	SW-846 8260C	50.04	70 - 130
LCS	Result is below limits, samples results associated with this batch are bias low.			
QC1711004	Bromomethane	SW-846 8260C	64.06	70 - 130
LCS	Result is below limits, samples results associated with this batch are bias low.			
QC1711004	Methyl ethyl ketone	SW-846 8260C	65.62	70 - 130
LCS	Result is below limits, samples results associated with this batch are bias low.			
QC1711004	Trichlorofluoromethane	SW-846 8260C	64.60	70 - 130
LCS	Result is below limits, samples results associated with this batch are bias low.			
QC1711004	Acetone	SW-846 8260C	53.57	70 - 130
LCS	Result is below limits, samples results associated with this batch are bias low.			
QC1711004	Bromomethane	SW-846 8260C	58.38	70 - 130
LCS	Result is below limits, samples results associated with this batch are bias low.			
QC1711004	Chloroethane	SW-846 8260C	67.61	70 - 130
LCS	Result is below limits, samples results associated with this batch are bias low.			
QC1711004	Trichlorofluoromethane	SW-846 8260C	60.27	70 - 130
LCS	Result is below limits, samples results associated with this batch are bias low.			
QC1711057	Fluorene	SW-846 8270D	69.36	70 - 130
Cal1	Result is below limits, sample results associated with this batch are bias low.			
QC1711064	Antimony	SW-846 6020B	46.81	75 - 125
MS	Result is below limits, samples results associated with this batch are bias low.			
QC1711064	Antimony	SW-846 6020B	46.71	75 - 125
MSD	Result is below limits, samples results associated with this batch are bias low.			
QC1711119	2,2-Dichloropropane	SW-846 8260C	138.7	70 - 130
Cal1	Result is above limits, sample results associated with this batch are bias high.			
QC1711119	Bromomethane	SW-846 8260C	143.6	70 - 130
Cal1	Result is above limits, sample results associated with this batch are bias high.			
QC1711119	Trichlorofluoromethane	SW-846 8260C	151.4	70 - 130
Cal1	Result is above limits, sample results associated with this batch are bias high.			
QC1711119	1,1,1-Trichloroethane	SW-846 8260C	133.0	70 - 130
LCS	Result is above limits, sample results associated with this batch are bias high.			
QC1711119	1,1-Dichloroethylene	SW-846 8260C	138.3	70 - 130
LCS	Result is above limits, sample results associated with this batch are bias high.			
QC1711119	2,2-Dichloropropane	SW-846 8260C	149.2	70 - 130
LCS	Result is above limits, sample results associated with this batch are bias high.			
QC1711119	Bromomethane	SW-846 8260C	142.2	70 - 130
LCS	Result is above limits, sample results associated with this batch are bias high.			
QC1711119	Carbon disulfide	SW-846 8260C	132.4	70 - 130
LCS	Result is above limits, sample results associated with this batch are bias high.			

QC1711119	Carbon Tetrachloride	SW-846 8260C	135.2	70 - 130
LCS	Result is above limits, sample results associated with this batch are bias high.			
QC1711119	Methyl tert-butyl ether	SW-846 8260C	134.9	70 - 130
LCS	Result is above limits, sample results associated with this batch are bias high.			
QC1711119	Methylene chloride	SW-846 8260C	134.4	70 - 130
LCS	Result is above limits, sample results associated with this batch are bias high.			
QC1711119	trans-1,2-Dichloroethylene	SW-846 8260C	135.0	70 - 130
LCS	Result is above limits, sample results associated with this batch are bias high.			
QC1711119	Trichlorofluoromethane	SW-846 8260C	155.1	70 - 130
LCS	Result is above limits, sample results associated with this batch are bias high.			
QC1711119	Trichlorotrifluoroethane	SW-846 8260C	155.2	70 - 130
LCS	Result is above limits, sample results associated with this batch are bias high.			
QC1711119	1,1-Dichloroethylene	SW-846 8260C	135.0	70 - 130
LCSD	Result is above limits, sample results associated with this batch are bias high.			
QC1711119	2,2-Dichloropropane	SW-846 8260C	143.1	70 - 130
LCSD	Result is above limits, sample results associated with this batch are bias high.			
QC1711119	Bromomethane	SW-846 8260C	139.9	70 - 130
LCSD	Result is above limits, sample results associated with this batch are bias high.			
QC1711119	Carbon disulfide	SW-846 8260C	131.3	70 - 130
LCSD	Result is above limits, sample results associated with this batch are bias high.			
QC1711119	Methyl tert-butyl ether	SW-846 8260C	132.7	70 - 130
LCSD	Result is above limits, sample results associated with this batch are bias high.			
QC1711119	trans-1,2-Dichloroethylene	SW-846 8260C	132.1	70 - 130
LCSD	Result is above limits, sample results associated with this batch are bias high.			
QC1711119	Trichlorofluoromethane	SW-846 8260C	150.8	70 - 130
LCSD	Result is above limits, sample results associated with this batch are bias high.			
QC1711119	Trichlorotrifluoroethane	SW-846 8260C	148.7	70 - 130
LCSD	Result is above limits, sample results associated with this batch are bias high.			
QC1711120	1,2-Dichloroethane	SW-846 8260C	-0.7000	-0.5 - 0.5
Blank	Blank result is outside limits, positive sample results associated with this batch are qualified, as possible contamination.			
QC1711120	Carbon disulfide	SW-846 8260C	-0.8000	-0.5 - 0.5
Blank	Blank result is outside limits, positive sample results associated with this batch are qualified, as possible contamination.			
QC1711120	1,2,3-Trichloropropane	SW-846 8260C	130.5	70 - 130
LCS	Result is above limits, sample results associated with this batch are bias high.			
QC1711120	Tetrahydrofuran	SW-846 8260C	132.8	70 - 130
LCSD	Result is above limits, sample results associated with this batch are bias high.			

All Samples were received on Ice and in accordance with their Chain of Custody. Insufficient cooling was evident, since the temperature on receipt was 9 degrees C. Question 6 on the RCP Certification form is answered "No", because the chain of custody requested a reduced list of metals and semi-volatiles compared to the RCP list. The BFB volatile organic surrogate was out high for two samples. There was an additive interference for those samples.

Lab Sample ID: 17102617-001

Client Sample ID: 1376342

Site: Soil Sample

Matrix: Solid

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Method CT eTPH						
QCBatchID: QC1711022						
Prep Method: CT eTPH Prep Batch: PB17102607 PrepDate: 10/25/2017						
eTPH	< 84	mg/kg as Dry Wt		84	rab	11/1/2017
Method SM 2540G						
QCBatchID: QC1710492						
Total Solids, Percent	83.1	%		0.00	smm	10/30/2017
Method SW-846 6010C						
QCBatchID: QC1710487						
Prep Method: SW-846 3050B Prep Batch: PB17103001 PrepDate: 10/30/2017						
Arsenic	3.65	mg/kg as Dry Wt		2.1	jm	10/30/2017
Barium	130	mg/kg as Dry Wt		2.06	jm	10/30/2017
Cadmium	< 0.413	mg/kg as Dry Wt		0.413	jm	10/30/2017
Chromium, Total	17.3	mg/kg as Dry Wt		1.03	jm	10/30/2017
Copper	16.6	mg/kg as Dry Wt		1.03	jm	10/30/2017
Lead	18.7	mg/kg as Dry Wt		2.06	jm	10/30/2017
Nickel	12.5	mg/kg as Dry Wt		2.06	jm	10/30/2017
Selenium	< 2.06	mg/kg as Dry Wt		2.06	jm	10/30/2017
Silver	< 1.03	mg/kg as Dry Wt		1.03	jm	10/30/2017
Zinc	47.8	mg/kg as Dry Wt		2.06	jm	10/30/2017
QCBatchID: QC1711039						
Prep Method: SW-846 3050B Prep Batch: PB17103001 PrepDate: 10/30/2017						
Beryllium	0.943	mg/kg as Dry Wt		0.206	jm	10/30/2017
Vanadium	39.3	mg/kg as Dry Wt		1.03	jm	10/30/2017
Method SW-846 6020B						
QCBatchID: QC1711064						
Prep Method: SW-846 3050B Prep Batch: PB17103001 PrepDate: 10/30/2017						
Antimony	< 0.516	mg/kg as Dry Wt		0.516	jm	11/6/2017
Thallium	< 1.03	mg/kg as Dry Wt		1.03	jm	11/6/2017
Method SW-846 7471B						
QCBatchID: QC1711016						
Prep Method: SW-846 3050B Prep Batch: PB17103106 PrepDate: 10/31/2017						
Mercury	0.082	mg/kg as Dry Wt		0.044	jm	11/1/2017
Method SW-846 8260C						
QCBatchID: QC1711004						
Prep Method: SW-846 5035						
Acetone	< 37.8	µg/kg as Dry Wt		37.8	mtk	10/31/2017
Acrylonitrile	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Benzene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Bromobenzene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
n-Butylbenzene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
sec-Butylbenzene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
tert-Butylbenzene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Bromodichloromethane	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Bromoform	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Bromomethane	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017

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860-793-8866

The results recorded in this report relate only to the samples as received on the date and time noted.

NA = not analyzed

Lab Sample ID: 17102617-001

Client Sample ID: 1376342

Site: Soil Sample

Matrix: Solid

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Methyl ethyl ketone	< 7.6	µg/kg as Dry Wt		7.6	mtk	10/31/2017
Carbon disulfide	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Carbon Tetrachloride	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Chlorobenzene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Chloroethane	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Chloroform	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Chloromethane	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
1,2-Chlorotoluene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
1,4-Chlorotoluene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Dibromochloromethane	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
1,2-Dibromo-3-chloropropane (DBCP)	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Ethylene Dibromide (EDB)	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Dibromomethane	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
1,2-Dichlorobenzene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
1,3-Dichlorobenzene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
1,4-Dichlorobenzene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
trans-1,4-Dichloro-2-butene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Dichlorodifluoromethane	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
1,1-Dichloroethane	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
1,2-Dichloroethane	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
1,1-Dichloroethylene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
cis-1,2-Dichloroethylene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
trans-1,2-Dichloroethylene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
1,2-Dichloropropane	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
1,3-Dichloropropane	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
2,2-Dichloropropane	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
1,1-Dichloropropylene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
cis-1,3-Dichloropropylene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
trans-1,3-Dichloropropylene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Ethylbenzene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Hexachlorobutadiene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
2-Hexanone	< 7.6	µg/kg as Dry Wt		7.6	mtk	10/31/2017
Isopropylbenzene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
p-Isopropyltoluene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Methylene chloride	< 7.6	µg/kg as Dry Wt		7.6	mtk	10/31/2017
Methyl iso-butyl ketone	< 7.6	µg/kg as Dry Wt		7.6	mtk	10/31/2017
Methyl tert-butyl ether	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Naphthalene	< 7.6	µg/kg as Dry Wt		7.6	mtk	10/31/2017
n-Propylbenzene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Styrene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
1,1,1,2-Tetrachloroethane	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
1,1,2,2-Tetrachloroethane	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Tetrachloroethylene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Tetrahydrofuran	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Toluene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017

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The results recorded in this report relate only to the samples as received on the date and time noted.

NA = not analyzed

Lab Sample ID: 17102617-001

Client Sample ID: 1376342

Site: Soil Sample

Matrix: Solid

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
1,2,3-Trichlorobenzene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
1,2,4-Trichlorobenzene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
1,1,1-Trichloroethane	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
1,1,2-Trichloroethane	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Trichloroethylene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Trichlorofluoromethane	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
1,2,3-Trichloropropane	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Trichlorotrifluoroethane	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
1,2,4-Trimethylbenzene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
1,3,5-Trimethylbenzene	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Vinyl chloride	< 3.8	µg/kg as Dry Wt		3.8	mtk	10/31/2017
Xylenes (Total)	< 11	µg/kg as Dry Wt		11	mtk	10/31/2017

Method SW-846 8270D

QCBatchID: QC1711079

Prep Method: SW-846 3545A

Prep Batch: PB17102605

PrepDate: 10/26/2017

Acenaphthene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Acenaphthylene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Anthracene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(a)anthracene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(b)fluoranthene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(k)fluoranthene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(ghi)perylene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(a)pyrene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Chrysene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Carbazole	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Dibenzo(a,h)anthracene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Fluoranthene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Fluorene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Indeno(1,2,3-cd)pyrene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
2-Methylnaphthalene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Naphthalene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Phenanthrene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Pyrene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017

Lab Sample ID: 17102617-002

Client Sample ID: 1376343

Site: Soil Sample

Matrix: Solid

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Method CT eTPH						
QCBatchID: QC1711022						
Prep Method: CT eTPH Prep Batch: PB17102607 PrepDate: 10/25/2017						
eTPH	< 81	mg/kg as Dry Wt		81	rab	11/1/2017
Method SM 2540G						
QCBatchID: QC1710492						
Total Solids, Percent	85.5	%		0.00	smm	10/30/2017
Method SW-846 6010C						
QCBatchID: QC1710487						
Prep Method: SW-846 3050B Prep Batch: PB17103001 PrepDate: 10/30/2017						
Arsenic	3.25	mg/kg as Dry Wt		2.1	jm	10/30/2017
Barium	126	mg/kg as Dry Wt		2.14	jm	10/30/2017
Cadmium	< 0.428	mg/kg as Dry Wt		0.428	jm	10/30/2017
Chromium, Total	21.0	mg/kg as Dry Wt		1.07	jm	10/30/2017
Copper	31.0	mg/kg as Dry Wt		1.07	jm	10/30/2017
Lead	112	mg/kg as Dry Wt		2.14	jm	10/30/2017
Nickel	15.7	mg/kg as Dry Wt		2.14	jm	10/30/2017
Selenium	< 2.14	mg/kg as Dry Wt		2.14	jm	10/30/2017
Silver	< 1.07	mg/kg as Dry Wt		1.07	jm	10/30/2017
Zinc	84.6	mg/kg as Dry Wt		2.14	jm	10/30/2017
QCBatchID: QC1711039						
Prep Method: SW-846 3050B Prep Batch: PB17103001 PrepDate: 10/30/2017						
Beryllium	0.767	mg/kg as Dry Wt		0.214	jm	10/30/2017
Vanadium	31.9	mg/kg as Dry Wt		1.07	jm	10/30/2017
Method SW-846 6020B						
QCBatchID: QC1711064						
Prep Method: SW-846 3050B Prep Batch: PB17103001 PrepDate: 10/30/2017						
Antimony	0.591	mg/kg as Dry Wt		0.535	jm	11/6/2017
Thallium	< 1.07	mg/kg as Dry Wt		1.07	jm	11/6/2017
Method SW-846 7471B						
QCBatchID: QC1711016						
Prep Method: SW-846 3050B Prep Batch: PB17103106 PrepDate: 10/31/2017						
Mercury	0.317	mg/kg as Dry Wt		0.043	jm	11/1/2017
Method SW-846 8260C						
QCBatchID: QC1711004						
Prep Method: SW-846 5035						
Acetone	< 46.2	µg/kg as Dry Wt		46.2	mtk	10/31/2017
Acrylonitrile	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Benzene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Bromobenzene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
n-Butylbenzene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
sec-Butylbenzene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
tert-Butylbenzene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Bromodichloromethane	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Bromoform	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Bromomethane	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017

100 Northwest Dr.
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The results recorded in this report relate only to the samples as received on the date and time noted.

NA = not analyzed

Lab Sample ID: 17102617-002

Client Sample ID: 1376343

Site: Soil Sample

Matrix: Solid

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Methyl ethyl ketone	< 9.2	µg/kg as Dry Wt		9.2	mtk	10/31/2017
Carbon disulfide	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Carbon Tetrachloride	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Chlorobenzene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Chloroethane	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Chloroform	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Chloromethane	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
1,2-Chlorotoluene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
1,4-Chlorotoluene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Dibromochloromethane	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
1,2-Dibromo-3-chloropropane (DBCP)	< 4.6	µg/kg as Dry Wt		4.6	mlk	10/31/2017
Ethylene Dibromide (EDB)	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Dibromomethane	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
1,2-Dichlorobenzene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
1,3-Dichlorobenzene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
1,4-Dichlorobenzene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
trans-1,4-Dichloro-2-butene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Dichlorodifluoromethane	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
1,1-Dichloroethane	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
1,2-Dichloroethane	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
1,1-Dichloroethylene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
cis-1,2-Dichloroethylene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
trans-1,2-Dichloroethylene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
1,2-Dichloropropane	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
1,3-Dichloropropane	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
2,2-Dichloropropane	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
1,1-Dichloropropylene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
cis-1,3-Dichloropropylene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
trans-1,3-Dichloropropylene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Ethylbenzene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Hexachlorobutadiene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
2-Hexanone	< 9.2	µg/kg as Dry Wt		9.2	mtk	10/31/2017
Isopropylbenzene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
p-Isopropyltoluene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Methylene chloride	< 9.2	µg/kg as Dry Wt		9.2	mtk	10/31/2017
Methyl iso-butyl ketone	< 9.2	µg/kg as Dry Wt		9.2	mtk	10/31/2017
Methyl tert-butyl ether	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Naphthalene	< 9.2	µg/kg as Dry Wt		9.2	mtk	10/31/2017
n-Propylbenzene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Styrene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
1,1,1,2-Tetrachloroethane	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
1,1,2,2-Tetrachloroethane	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Tetrachloroethylene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Tetrahydrofuran	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Toluene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017

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Plainville, CT 06062
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NA = not analyzed

Lab Sample ID: 17102617-002

Client Sample ID: 1376343

Site: Soil Sample

Matrix: Solid

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
1,2,3-Trichlorobenzene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
1,2,4-Trichlorobenzene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
1,1,1-Trichloroethane	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
1,1,2-Trichloroethane	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Trichloroethylene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Trichlorofluoromethane	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
1,2,3-Trichloropropane	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Trichlorotrifluoroethane	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
1,2,4-Trimethylbenzene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
1,3,5-Trimethylbenzene	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Vinyl chloride	< 4.6	µg/kg as Dry Wt		4.6	mtk	10/31/2017
Xylenes (Total)	< 14	µg/kg as Dry Wt		14	mtk	10/31/2017

Method SW-846 8270D

QCBatchID: QC1711079

Prep Method: SW-846 3545A

Prep Batch: PB17102605

PrepDate: 10/26/2017

Acenaphthene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Acenaphthylene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Anthracene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(a)anthracene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(b)fluoranthene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(k)fluoranthene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(ghi)perylene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(a)pyrene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Chrysene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Carbazole	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Dibenzo(a,h)anthracene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Fluoranthene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Fluorene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Indeno(1,2,3-cd)pyrene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
2-Methylnaphthalene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Naphthalene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Phenanthrene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Pyrene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017

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The results recorded in this report relate only to the samples as received on the date and time noted.

NA = not analyzed

Lab Sample ID: 17102617-003

Client Sample ID: 1376344

Site: Soil Sample

Matrix: Solid

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Method CT eTPH						
QCBatchID:	QC1711022					
Prep Method: CT eTPH	Prep Batch: PB17102607	PrepDate: 10/25/2017				
eTPH	< 81	mg/kg as Dry Wt		81	rab	11/1/2017
Method SM 2540G						
QCBatchID:	QC1710492					
Total Solids, Percent	85.9	%		0.00	smm	10/30/2017
Method SW-846 6010C						
QCBatchID:	QC1710487					
Prep Method: SW-846 3050B	Prep Batch: PB17103001	PrepDate: 10/30/2017				
Arsenic	5.10	mg/kg as Dry Wt		2.1	jm	10/30/2017
Barium	186	mg/kg as Dry Wt		2.12	jm	10/30/2017
Cadmium	< 0.425	mg/kg as Dry Wt		0.425	jm	10/30/2017
Chromium, Total	14.0	mg/kg as Dry Wt		1.06	jm	10/30/2017
Copper	10.9	mg/kg as Dry Wt		1.06	jm	10/30/2017
Lead	7.54	mg/kg as Dry Wt		2.12	jm	10/30/2017
Nickel	12.9	mg/kg as Dry Wt		2.12	jm	10/30/2017
Selenium	< 2.12	mg/kg as Dry Wt		2.12	jm	10/30/2017
Silver	< 1.06	mg/kg as Dry Wt		1.06	jm	10/30/2017
Zinc	36.3	mg/kg as Dry Wt		2.12	jm	10/30/2017
QCBatchID:	QC1711039					
Prep Method: SW-846 3050B	Prep Batch: PB17103001	PrepDate: 10/30/2017				
Beryllium	0.822	mg/kg as Dry Wt		0.212	jm	10/30/2017
Vanadium	35.2	mg/kg as Dry Wt		1.06	jm	10/30/2017
Method SW-846 6020B						
QCBatchID:	QC1711064					
Prep Method: SW-846 3050B	Prep Batch: PB17103001	PrepDate: 10/30/2017				
Antimony	< 0.531	mg/kg as Dry Wt		0.531	jm	11/6/2017
Thallium	< 1.06	mg/kg as Dry Wt		1.06	jm	11/6/2017
Method SW-846 7471B						
QCBatchID:	QC1711016					
	Prep Batch: PB17103106	PrepDate: 10/31/2017				
Mercury	< 0.045	mg/kg as Dry Wt		0.045	jm	11/1/2017
Method SW-846 8260C						
QCBatchID:	QC1711004					
Prep Method: SW-846 5035						
Acetone	< 46.7	µg/kg as Dry Wt		46.7	mtk	10/31/2017
Acrylonitrile	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Benzene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Bromobenzene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
n-Butylbenzene	94	µg/kg as Dry Wt		4.7	mtk	10/31/2017
sec-Butylbenzene	390	µg/kg as Dry Wt		4.7	mtk	10/31/2017
tert-Butylbenzene	41	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Bromodichloromethane	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Bromoform	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Bromomethane	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017

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NA = not analyzed

Lab Sample ID: 17102617-003

Client Sample ID: 1376344

Site: Soil Sample

Matrix: Solid

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep.Limit	Analyst	Anal. Date
Methyl ethyl ketone	< 9.3	µg/kg as Dry Wt		9.3	mtk	10/31/2017
Carbon disulfide	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Carbon Tetrachloride	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Chlorobenzene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Chloroethane	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Chloroform	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Chloromethane	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
1,2-Chlorotoluene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
1,4-Chlorotoluene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Dibromochloromethane	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
1,2-Dibromo-3-chloropropane (DBCP)	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Ethylene Dibromide (EDB)	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Dibromomethane	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
1,2-Dichlorobenzene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
1,3-Dichlorobenzene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
1,4-Dichlorobenzene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
trans-1,4-Dichloro-2-butene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Dichlorodifluoromethane	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
1,1-Dichloroethane	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
1,2-Dichloroethane	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
1,1-Dichloroethylene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
cis-1,2-Dichloroethylene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
trans-1,2-Dichloroethylene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
1,2-Dichloropropane	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
1,3-Dichloropropane	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
2,2-Dichloropropane	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
1,1-Dichloropropylene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
cis-1,3-Dichloropropylene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
trans-1,3-Dichloropropylene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Ethylbenzene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Hexachlorobutadiene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
2-Hexanone	< 9.3	µg/kg as Dry Wt		9.3	mtk	10/31/2017
Isopropylbenzene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
p-Isopropyltoluene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Methylene chloride	< 9.3	µg/kg as Dry Wt		9.3	mtk	10/31/2017
Methyl iso-butyl ketone	< 9.3	µg/kg as Dry Wt		9.3	mtk	10/31/2017
Methyl tert-butyl ether	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Naphthalene	< 9.3	µg/kg as Dry Wt		9.3	mtk	10/31/2017
n-Propylbenzene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Styrene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
1,1,1,2-Tetrachloroethane	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
1,1,2,2-Tetrachloroethane	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Tetrachloroethylene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Tetrahydrofuran	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Toluene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017

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Plainville, CT 06062
860-793-8866

The results recorded in this report relate only to the samples as received on the date and time noted.

NA = not analyzed

Lab Sample ID: 17102617-003

Client Sample ID: 1376344

Site: Soil Sample

Matrix: Solid

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
1,2,3-Trichlorobenzene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
1,2,4-Trichlorobenzene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
1,1,1-Trichloroethane	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
1,1,2-Trichloroethane	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Trichloroethylene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Trichlorofluoromethane	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
1,2,3-Trichloropropane	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Trichlorotrifluoroethane	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
1,2,4-Trimethylbenzene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
1,3,5-Trimethylbenzene	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Vinyl chloride	< 4.7	µg/kg as Dry Wt		4.7	mtk	10/31/2017
Xylenes (Total)	< 14	µg/kg as Dry Wt		14	mtk	10/31/2017

Method SW-846 8270D

QCBatchID: QC1711079

Prep Method: SW-846 3545A

Prep Batch: PB17102605

PrepDate: 10/26/2017

Acenaphthene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Acenaphthylene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Anthracene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(a)anthracene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(b)fluoranthene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(k)fluoranthene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(ghi)perylene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(a)pyrene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Chrysene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Carbazole	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Dibenzo(a,h)anthracene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Fluoranthene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Fluorene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Indeno(1,2,3-cd)pyrene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
2-Methylnaphthalene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Naphthalene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Phenanthrene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Pyrene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017

Lab Sample ID: 17102617-004

Client Sample ID: 1376345

Site: Soil Sample

Matrix: Solid

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Method CT eTPH						
QCBatchID:	QC1711022					
Prep Method: CT eTPH	Prep Batch: PB17102607	PrepDate: 10/25/2017				
eTPH	2100	mg/kg as Dry Wt		79	rab	11/1/2017
Method SM 2540G						
QCBatchID:	QC1710492					
Total Solids, Percent	87.1	%		0.00	smm	10/30/2017
Method SW-846 6010C						
QCBatchID:	QC1710487					
Prep Method: SW-846 3050B	Prep Batch: PB17103001	PrepDate: 10/30/2017				
Arsenic	5.74	mg/kg as Dry Wt		2.1	jm	10/30/2017
Barium	206	mg/kg as Dry Wt		2.11	jm	10/30/2017
Cadmium	< 0.422	mg/kg as Dry Wt		0.422	jm	10/30/2017
Chromium, Total	31.7	mg/kg as Dry Wt		1.06	jm	10/30/2017
Copper	9.69	mg/kg as Dry Wt		1.06	jm	10/30/2017
Lead	10.7	mg/kg as Dry Wt		2.11	jm	10/30/2017
Nickel	17.4	mg/kg as Dry Wt		2.11	jm	10/30/2017
Selenium	< 2.11	mg/kg as Dry Wt		2.11	jm	10/30/2017
Silver	< 1.06	mg/kg as Dry Wt		1.06	jm	10/30/2017
Zinc	45.0	mg/kg as Dry Wt		2.11	jm	10/30/2017
QCBatchID:	QC1711039					
Prep Method: SW-846 3050B	Prep Batch: PB17103001	PrepDate: 10/30/2017				
Beryllium	1.10	mg/kg as Dry Wt		0.211	jm	10/30/2017
Vanadium	46.3	mg/kg as Dry Wt		1.06	jm	10/30/2017
Method SW-846 6020B						
QCBatchID:	QC1711064					
Prep Method: SW-846 3050B	Prep Batch: PB17103001	PrepDate: 10/30/2017				
Antimony	< 0.528	mg/kg as Dry Wt		0.528	jm	11/6/2017
Thallium	< 1.06	mg/kg as Dry Wt		1.06	jm	11/6/2017
Method SW-846 7471B						
QCBatchID:	QC1711016					
	Prep Batch: PB17103106	PrepDate: 10/31/2017				
Mercury	< 0.039	mg/kg as Dry Wt		0.039	jm	11/1/2017
Method SW-846 8260C						
QCBatchID:	QC1711004					
Prep Method: SW-846 5035						
Acetone	< 52.7	µg/kg as Dry Wt		52.7	mtk	11/1/2017
Acrylonitrile	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Benzene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Bromobenzene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
n-Butylbenzene	92	µg/kg as Dry Wt		5.3	mtk	11/1/2017
sec-Butylbenzene	400	µg/kg as Dry Wt		5.3	mtk	11/1/2017
tert-Butylbenzene	42	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Bromodichloromethane	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Bromoform	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Bromomethane	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017

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NA = not analyzed

Lab Sample ID: 17102617-004

Client Sample ID: 1376345

Site: Soil Sample

Matrix: Solid

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Methyl ethyl ketone	< 11	µg/kg as Dry Wt		11	mtk	11/1/2017
Carbon disulfide	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Carbon Tetrachloride	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Chlorobenzene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Chloroethane	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Chloroform	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Chloromethane	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
1,2-Chlorotoluene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
1,4-Chlorotoluene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Dibromochloromethane	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
1,2-Dibromo-3-chloropropane (DBCP)	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Ethylene Dibromide (EDB)	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Dibromomethane	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
1,2-Dichlorobenzene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
1,3-Dichlorobenzene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
1,4-Dichlorobenzene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
trans-1,4-Dichloro-2-butene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Dichlorodifluoromethane	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
1,1-Dichloroethane	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
1,2-Dichloroethane	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
1,1-Dichloroethylene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
cis-1,2-Dichloroethylene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
trans-1,2-Dichloroethylene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
1,2-Dichloropropane	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
1,3-Dichloropropane	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
2,2-Dichloropropane	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
1,1-Dichloropropylene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
cis-1,3-Dichloropropylene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
trans-1,3-Dichloropropylene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Ethylbenzene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Hexachlorobutadiene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
2-Hexanone	< 11	µg/kg as Dry Wt		11	mtk	11/1/2017
Isopropylbenzene	33	µg/kg as Dry Wt		5.3	mtk	11/1/2017
p-Isopropyltoluene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Methylene chloride	< 11	µg/kg as Dry Wt		11	mtk	11/1/2017
Methyl iso-butyl ketone	< 11	µg/kg as Dry Wt		11	mtk	11/1/2017
Methyl tert-butyl ether	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Naphthalene	< 11	µg/kg as Dry Wt		11	mtk	11/1/2017
n-Propylbenzene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Styrene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
1,1,1,2-Tetrachloroethane	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
1,1,2,2-Tetrachloroethane	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Tetrachloroethylene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Tetrahydrofuran	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Toluene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017

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NA = not analyzed

Lab Sample ID: 17102617-004

Client Sample ID: 1376345

Site: Soil Sample

Matrix: Solid

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep.Limit	Analyst	Anal. Date
1,2,3-Trichlorobenzene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
1,2,4-Trichlorobenzene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
1,1,1-Trichloroethane	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
1,1,2-Trichloroethane	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Trichloroethylene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Trichlorofluoromethane	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
1,2,3-Trichloropropane	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Trichlorotrifluoroethane	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
1,2,4-Trimethylbenzene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
1,3,5-Trimethylbenzene	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Vinyl chloride	< 5.3	µg/kg as Dry Wt		5.3	mtk	11/1/2017
Xylenes (Total)	< 16	µg/kg as Dry Wt		16	mtk	11/1/2017

Method SW-846 8270D

QCBatchID: QC1711079

Prep Method: SW-846 3545A

Prep Batch: PB17102605

PrepDate: 10/26/2017

Acenaphthene	390	µg/kg as Dry Wt		230	lwa	11/17/2017
Acenaphthylene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Anthracene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(a)anthracene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(b)fluoranthene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(k)fluoranthene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(ghi)perylene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(a)pyrene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Chrysene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Carbazole	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Dibenzo(a,h)anthracene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Fluoranthene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Fluorene	470	µg/kg as Dry Wt		230	lwa	11/17/2017
Indeno(1,2,3-cd)pyrene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
2-Methylnaphthalene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Naphthalene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Phenanthrene	350	µg/kg as Dry Wt		230	lwa	11/17/2017
Pyrene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017

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NA = not analyzed

Lab Sample ID: 17102617-005

Client Sample ID: 1376346

Site: Soil Sample

Matrix: Solid

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Method CT eTPH						
QCBatchID:	QC1711022					
Prep Method: CT eTPH	Prep Batch: PB17102607	PrepDate: 10/25/2017				
eTPH	< 80	mg/kg as Dry Wt		80	rab	11/1/2017
Method SM 2540G						
QCBatchID:	QC1710492					
Total Solids, Percent	87.0	%		0.00	smm	10/30/2017
Method SW-846 6010C						
QCBatchID:	QC1710487					
Prep Method: SW-846 3050B	Prep Batch: PB17103001	PrepDate: 10/30/2017				
Arsenic	< 2.3	mg/kg as Dry Wt		2.3	jm	10/30/2017
Barium	118	mg/kg as Dry Wt		2.25	jm	10/30/2017
Cadmium	< 0.451	mg/kg as Dry Wt		0.451	jm	10/30/2017
Chromium, Total	16.0	mg/kg as Dry Wt		1.13	jm	10/30/2017
Copper	15.7	mg/kg as Dry Wt		1.13	jm	10/30/2017
Lead	11.4	mg/kg as Dry Wt		2.25	jm	10/30/2017
Nickel	17.4	mg/kg as Dry Wt		2.25	jm	10/30/2017
Selenium	< 2.25	mg/kg as Dry Wt		2.25	jm	10/30/2017
Silver	< 1.13	mg/kg as Dry Wt		1.13	jm	10/30/2017
Zinc	48.9	mg/kg as Dry Wt		2.25	jm	10/30/2017
QCBatchID:	QC1711039					
Prep Method: SW-846 3050B	Prep Batch: PB17103001	PrepDate: 10/30/2017				
Beryllium	1.23	mg/kg as Dry Wt		0.225	jm	10/30/2017
Vanadium	31.8	mg/kg as Dry Wt		1.13	jm	10/30/2017
Method SW-846 6020B						
QCBatchID:	QC1711064					
Prep Method: SW-846 3050B	Prep Batch: PB17103001	PrepDate: 10/30/2017				
Antimony	< 0.564	mg/kg as Dry Wt		0.564	jm	11/6/2017
Thallium	< 1.13	mg/kg as Dry Wt		1.13	jm	11/6/2017
Method SW-846 7471B						
QCBatchID:	QC1711016					
	Prep Batch: PB17103106	PrepDate: 10/31/2017				
Mercury	< 0.041	mg/kg as Dry Wt		0.041	jm	11/1/2017
Method SW-846 8260C						
QCBatchID:	QC1711004					
Prep Method: SW-846 5035						
Acetone	< 42.1	µg/kg as Dry Wt		42.1	mtk	11/1/2017
Acrylonitrile	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Benzene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Bromobenzene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
n-Butylbenzene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
sec-Butylbenzene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
tert-Butylbenzene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Bromodichloromethane	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Bromoform	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Bromomethane	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017

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NA = not analyzed

Lab Sample ID: 17102617-005

Client Sample ID: 1376346

Site: Soil Sample

Matrix: Solid

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Methyl ethyl ketone	< 8.4	µg/kg as Dry Wt		8.4	mtk	11/1/2017
Carbon disulfide	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Carbon Tetrachloride	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Chlorobenzene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Chloroethane	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Chloroform	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Chloromethane	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
1,2-Chlorotoluene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
1,4-Chlorotoluene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Dibromochloromethane	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
1,2-Dibromo-3-chloropropane (DBCP)	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Ethylene Dibromide (EDB)	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Dibromomethane	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
1,2-Dichlorobenzene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
1,3-Dichlorobenzene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
1,4-Dichlorobenzene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
trans-1,4-Dichloro-2-butene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Dichlorodifluoromethane	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
1,1-Dichloroethane	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
1,2-Dichloroethane	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
1,1-Dichloroethylene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
cis-1,2-Dichloroethylene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
trans-1,2-Dichloroethylene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
1,2-Dichloropropane	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
1,3-Dichloropropane	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
2,2-Dichloropropane	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
1,1-Dichloropropylene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
cis-1,3-Dichloropropylene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
trans-1,3-Dichloropropylene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Ethylbenzene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Hexachlorobutadiene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
2-Hexanone	< 8.4	µg/kg as Dry Wt		8.4	mtk	11/1/2017
Isopropylbenzene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
p-Isopropyltoluene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Methylene chloride	< 8.4	µg/kg as Dry Wt		8.4	mtk	11/1/2017
Methyl iso-butyl ketone	< 8.4	µg/kg as Dry Wt		8.4	mtk	11/1/2017
Methyl tert-butyl ether	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Naphthalene	< 8.4	µg/kg as Dry Wt		8.4	mtk	11/1/2017
n-Propylbenzene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Styrene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
1,1,1,2-Tetrachloroethane	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
1,1,2,2-Tetrachloroethane	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Tetrachloroethylene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Tetrahydrofuran	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Toluene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017

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The results recorded in this report relate only to the samples as received on the date and time noted.

NA = not analyzed

Lab Sample ID: 17102617-005

Client Sample ID: 1376346

Site: Soil Sample

Matrix: Solid

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
1,2,3-Trichlorobenzene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
1,2,4-Trichlorobenzene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
1,1,1-Trichloroethane	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
1,1,2-Trichloroethane	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Trichloroethylene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Trichlorofluoromethane	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
1,2,3-Trichloropropane	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Trichlorotrifluoroethane	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
1,2,4-Trimethylbenzene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
1,3,5-Trimethylbenzene	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Vinyl chloride	< 4.2	µg/kg as Dry Wt		4.2	mtk	11/1/2017
Xylenes (Total)	< 13	µg/kg as Dry Wt		13	mtk	11/1/2017

Method SW-846 8270D

QCBatchID: QC1711079

Prep Method: SW-846 3545A Prep Batch: PB17102605 PrepDate: 10/26/2017

Acenaphthene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Acenaphthylene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Anthracene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(a)anthracene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(b)fluoranthene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(k)fluoranthene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(ghi)perylene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Benzo(a)pyrene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Chrysene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Carbazole	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Dibenzo(a,h)anthracene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Fluoranthene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Fluorene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Indeno(1,2,3-cd)pyrene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
2-Methylnaphthalene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Naphthalene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Phenanthrene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017
Pyrene	< 230	µg/kg as Dry Wt		230	lwa	11/17/2017

Lab Sample ID: 17102617-006

Client Sample ID: 1376347

Site: Soil Sample

Matrix: Solid

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Method SM 2540G						
QCBatchID: QC1710492						
Total Solids, Percent	89.5	%		0.00	smm	10/30/2017
Method SW-846 6010C						
QCBatchID: QC1710487						
Prep Method: SW-846 3050B Prep Batch: PB17103001 PrepDate: 10/30/2017						
Lead	14.5	mg/kg as Dry Wt		2.06	jm	10/30/2017

Lab Sample ID: 17102617-007

Client Sample ID: 1376348

Site: Soil Sample

Matrix: Solid

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Method SM 2540G						
QCBatchID: QC1710492						
Total Solids, Percent	86.0	%		0.00	smm	10/30/2017
Method SW-846 6010C						
QCBatchID: QC1710487						
Prep Method: SW-846 3050B						
Prep Batch: PB17103001		PrepDate: 10/30/2017				
Lead	22.9	mg/kg as Dry Wt		2.04	jm	10/30/2017

Lab Sample ID: 17102617-008

Client Sample ID: 1376352

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Method CT eTPH						
QCBatchID:	QC1711032					
Prep Method:	SW-846 3510C	Prep Batch:	PB17110202	PrepDate:	10/31/2017	
eTPH	< 71	µg/L		71	rab	11/6/2017
Method SW-846 8260C						
QCBatchID:	QC1711120					
m,p-Xylenes	< 0.5	µg/L		0.5	mtk	11/4/2017
o-Xylenes	< 0.5	µg/L		0.5	mtk	11/4/2017
Acetone	< 10.0	µg/L		10.0	mtk	11/4/2017
Acrylonitrile	< 0.5	µg/L		0.5	mtk	11/4/2017
Benzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
n-Butylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
sec-Butylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
tert-Butylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromodichloromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromoform	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromomethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Methyl ethyl ketone	< 2.0	µg/L		2.0	mtk	11/4/2017
Carbon disulfide	< 0.5	µg/L		0.5	mtk	11/4/2017
Carbon Tetrachloride	< 0.5	µg/L		0.5	mtk	11/4/2017
Chlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Chloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Chloroform	< 0.5	µg/L		0.5	mtk	11/4/2017
Chloromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Chlorotoluene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,4-Chlorotoluene	< 0.5	µg/L		0.5	mtk	11/4/2017
Dibromochloromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dibromo-3-chloropropane (DBCP)	< 0.5	µg/L		0.5	mtk	11/4/2017
Ethylene Dibromide (EDB)	< 0.5	µg/L		0.5	mtk	11/4/2017
Dibromomethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,3-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,4-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
trans-1,4-Dichloro-2-butene	< 0.5	µg/L		0.5	mtk	11/4/2017
Dichlorodifluoromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1-Dichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1-Dichloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
cis-1,2-Dichloroethylene	0.8	µg/L		0.5	mtk	11/4/2017
trans-1,2-Dichloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,3-Dichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
2,2-Dichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1-Dichloropropylene	< 0.5	µg/L		0.5	mtk	11/4/2017

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860-793-8866

The results recorded in this report relate only to the samples as received on the date and time noted.

NA = not analyzed

Lab Sample ID: 17102617-008

Client Sample ID: 1376352

Site: Monitoring Well Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
cis-1,3-Dichloropropylene	< 0.5	µg/L		0.5	mtk	11/4/2017
trans-1,3-Dichloropropylene	< 0.5	µg/L		0.5	mtk	11/4/2017
Ethylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Hexachlorobutadiene	< 0.4	µg/L		0.4	mtk	11/4/2017
2-Hexanone	< 1.0	µg/L		1.0	mtk	11/4/2017
Isopropylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
p-Isopropyltoluene	< 0.5	µg/L		0.5	mtk	11/4/2017
Methylene chloride	< 1.0	µg/L		1.0	mtk	11/4/2017
Methyl iso-butyl ketone	< 2.0	µg/L		2.0	mtk	11/4/2017
Methyl tert-butyl ether	< 0.5	µg/L		0.5	mtk	11/4/2017
Naphthalene	< 0.5	µg/L		0.5	mtk	11/4/2017
n-Propylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Styrene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,1,2-Tetrachloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,2,2-Tetrachloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Tetrachloroethylene	59	µg/L		0.5	mtk	11/4/2017
Tetrahydrofuran	< 0.5	µg/L		0.5	mtk	11/4/2017
Toluene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,3-Trichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,4-Trichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,1-Trichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,2-Trichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Trichloroethylene	2.4	µg/L		0.5	mtk	11/4/2017
Trichlorofluoromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,3-Trichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
Trichlorotrifluoroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,4-Trimethylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,3,5-Trimethylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Vinyl chloride	< 0.5	µg/L		0.5	mtk	11/4/2017
Xylenes (Total)	< 1.0	µg/L		1.0	mtk	11/4/2017

Method SW-846 8270D

QCBatchID: QC1711057

Prep Method: SW-846 3510C

Prep Batch: PB17103102

PrepDate: 10/30/2017

Acenaphthene	< 1.0	µg/L		1.0	lwa	11/3/2017
Acenaphthylene	< 1.0	µg/L		1.0	lwa	11/3/2017
Anthracene	< 1.0	µg/L		1.0	lwa	11/3/2017
Benzo(a)anthracene	< 1.0	µg/L		1.0	lwa	11/3/2017
Benzo(b)fluoranthene	< 1.0	µg/L		1.0	lwa	11/3/2017
Benzo(k)fluoranthene	< 1.0	µg/L		1.0	lwa	11/3/2017
Benzo(ghi)perylene	< 1.0	µg/L		1.0	lwa	11/3/2017
Benzo(a)pyrene	< 1.0	µg/L		1.0	lwa	11/3/2017
Chrysene	< 1.0	µg/L		1.0	lwa	11/3/2017
Carbazole	< 1.0	µg/L		1.0	lwa	11/3/2017
Dibenzo(a,h)anthracene	< 1.0	µg/L		1.0	lwa	11/3/2017
Fluoranthene	< 1.0	µg/L		1.0	lwa	11/3/2017
Fluorene	< 1.0	µg/L		1.0	lwa	11/3/2017

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NA = not analyzed

Lab Sample ID: 17102617-008

Client Sample ID: 1376352

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Indeno(1,2,3-cd)pyrene	< 1.0	µg/L		1.0	lwa	11/3/2017
Naphthalene	< 1.0	µg/L		1.0	lwa	11/3/2017
Phenanthrene	< 1.0	µg/L		1.0	lwa	11/3/2017
Pyrene	< 1.0	µg/L		1.0	lwa	11/3/2017
2-Methylnapthalene	< 1.0	µg/L		1.0	lwa	11/3/2017

Lab Sample ID: 17102617-009

Client Sample ID: 1376352uf

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep.Limit	Analyst	Anal. Date
Method SW-846 6010C						
QCBatchID: QC1710512						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Barium	0.349	mg/L		0.010	jm	10/31/2017
Chromium, Total	0.005	mg/L		0.005	jm	10/31/2017
Copper	< 0.005	mg/L		0.005	jm	10/31/2017
Zinc	0.016	mg/L		0.010	jm	10/31/2017
QCBatchID: QC1711038						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Beryllium	< 0.001	mg/L		0.001	jm	10/31/2017
Vanadium	0.008	mg/L		0.005	jm	10/31/2017
Method SW-846 6020B						
QCBatchID: QC1710509						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Arsenic	< 0.0010	mg/L		0.0010	jm	10/31/2017
Cadmium	0.0003	mg/L		0.0001	jm	10/31/2017
Lead	0.0032	mg/L		0.0010	jm	10/31/2017
Nickel	0.006	mg/L		0.001	jm	10/31/2017
Selenium	0.002	mg/L		0.001	jm	10/31/2017
Silver	< 0.0005	mg/L		0.0005	jm	10/31/2017
QCBatchID: QC1711037						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Antimony	< 0.0010	mg/L		0.0010	jm	10/31/2017
Thallium	< 0.0010	mg/L		0.0010	jm	10/31/2017
Method SW-846 7470A						
QCBatchID: QC1710506						
Prep Method: SW-846 3005A Prep Batch: PB17103002 PrepDate: 10/30/2017						
Mercury	< 0.0002	mg/L		0.0002	jm	10/31/2017

Lab Sample ID: 17102617-010

Client Sample ID: 1376351

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Method CT eTPH						
QCBatchID:	QC1711032					
Prep Method:	SW-846 3510C	Prep Batch:	PB17110202	PrepDate:	10/31/2017	
eTPH	< 70	µg/L		70	rab	11/6/2017
Method SW-846 8260C						
QCBatchID:	QC1711120					
m,p-Xylenes	< 0.5	µg/L		0.5	mtk	11/4/2017
o-Xylenes	< 0.5	µg/L		0.5	mtk	11/4/2017
Acetone	< 10.0	µg/L		10.0	mtk	11/4/2017
Acrylonitrile	< 0.5	µg/L		0.5	mtk	11/4/2017
Benzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
n-Butylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
sec-Butylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
tert-Butylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromodichloromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromoform	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromomethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Methyl ethyl ketone	< 2.0	µg/L		2.0	mtk	11/4/2017
Carbon disulfide	< 0.5	µg/L		0.5	mtk	11/4/2017
Carbon Tetrachloride	< 0.5	µg/L		0.5	mtk	11/4/2017
Chlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Chloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Chloroform	< 0.5	µg/L		0.5	mtk	11/4/2017
Chloromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Chlorotoluene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,4-Chlorotoluene	< 0.5	µg/L		0.5	mtk	11/4/2017
Dibromochloromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dibromo-3-chloropropane (DBCP)	< 0.5	µg/L		0.5	mtk	11/4/2017
Ethylene Dibromide (EDB)	< 0.5	µg/L		0.5	mtk	11/4/2017
Dibromomethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,3-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,4-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
trans-1,4-Dichloro-2-butene	< 0.5	µg/L		0.5	mtk	11/4/2017
Dichlorodifluoromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1-Dichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1-Dichloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
cis-1,2-Dichloroethylene	4.2	µg/L		0.5	mtk	11/4/2017
trans-1,2-Dichloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,3-Dichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
2,2-Dichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1-Dichloropropylene	< 0.5	µg/L		0.5	mtk	11/4/2017

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NA = not analyzed

Lab Sample ID: 17102617-010

Client Sample ID: 1376351

Site: Monitoring Well Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep.Limit	Analyst	Anal. Date
cis-1,3-Dichloropropylene	< 0.5	µg/L		0.5	mtk	11/4/2017
trans-1,3-Dichloropropylene	< 0.5	µg/L		0.5	mtk	11/4/2017
Ethylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Hexachlorobutadiene	< 0.4	µg/L		0.4	mtk	11/4/2017
2-Hexanone	< 1.0	µg/L		1.0	mtk	11/4/2017
Isopropylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
p-Isopropyltoluene	< 0.5	µg/L		0.5	mtk	11/4/2017
Methylene chloride	< 1.0	µg/L		1.0	mtk	11/4/2017
Methyl iso-butyl ketone	< 2.0	µg/L		2.0	mtk	11/4/2017
Methyl tert-butyl ether	< 0.5	µg/L		0.5	mtk	11/4/2017
Naphthalene	< 0.5	µg/L		0.5	mtk	11/4/2017
n-Propylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Styrene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,1,2-Tetrachloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,2,2-Tetrachloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Tetrachloroethylene	30	µg/L		0.5	mtk	11/4/2017
Tetrahydrofuran	< 0.5	µg/L		0.5	mtk	11/4/2017
Toluene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,3-Trichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,4-Trichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,1-Trichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,2-Trichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Trichloroethylene	3.3	µg/L		0.5	mtk	11/4/2017
Trichlorofluoromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,3-Trichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
Trichlorotrifluoroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,4-Trimethylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,3,5-Trimethylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Vinyl chloride	< 0.5	µg/L		0.5	mtk	11/4/2017
Xylenes (Total)	< 1.0	µg/L		1.0	mtk	11/4/2017

Method SW-846 8270D

QCBatchID: QC1711057

Prep Method: SW-846 3510C

Prep Batch: PB17103102

PrepDate: 10/30/2017

Acenaphthene	< 1.0	µg/L		1.0	lwa	11/3/2017
Acenaphthylene	< 1.0	µg/L		1.0	lwa	11/3/2017
Anthracene	< 1.0	µg/L		1.0	lwa	11/3/2017
Benzo(a)anthracene	< 1.0	µg/L		1.0	lwa	11/3/2017
Benzo(b)fluoranthene	< 1.0	µg/L		1.0	lwa	11/3/2017
Benzo(k)fluoranthene	< 1.0	µg/L		1.0	lwa	11/3/2017
Benzo(ghi)perylene	< 1.0	µg/L		1.0	lwa	11/3/2017
Benzo(a)pyrene	< 1.0	µg/L		1.0	lwa	11/3/2017
Chrysene	< 1.0	µg/L		1.0	lwa	11/3/2017
Carbazole	< 1.0	µg/L		1.0	lwa	11/3/2017
Dibenzo(a,h)anthracene	< 1.0	µg/L		1.0	lwa	11/3/2017
Fluoranthene	< 1.0	µg/L		1.0	lwa	11/3/2017
Fluorene	< 1.0	µg/L		1.0	lwa	11/3/2017

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Plainville, CT 06062
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NA = not analyzed

Lab Sample ID: 17102617-010

Client Sample ID: 1376351

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep.Limit	Analyst	Anal.Date
Indeno(1,2,3-cd)pyrene	< 1.0	µg/L		1.0	Iwa	11/3/2017
Naphthalene	< 1.0	µg/L		1.0	Iwa	11/3/2017
Phenanthrene	< 1.0	µg/L		1.0	Iwa	11/3/2017
Pyrene	< 1.0	µg/L		1.0	Iwa	11/3/2017
2-Methylnapthalene	< 1.0	µg/L		1.0	Iwa	11/3/2017

Lab Sample ID: 17102617-011

Client Sample ID: 1376351uf

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Method SW-846 6010C						
QCBatchID: QC1710512						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Barium	0.185	mg/L		0.010	jm	10/31/2017
Chromium, Total	< 0.005	mg/L		0.005	jm	10/31/2017
Copper	< 0.005	mg/L		0.005	jm	10/31/2017
Zinc	< 0.010	mg/L		0.010	jm	10/31/2017
QCBatchID: QC1711038						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Beryllium	< 0.001	mg/L		0.001	jm	10/31/2017
Vanadium	0.005	mg/L		0.005	jm	10/31/2017
Method SW-846 6020B						
QCBatchID: QC1710509						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Arsenic	0.0012	mg/L		0.0010	jm	10/31/2017
Cadmium	0.0002	mg/L		0.0001	jm	10/31/2017
Lead	< 0.0010	mg/L		0.0010	jm	10/31/2017
Nickel	0.002	mg/L		0.001	jm	10/31/2017
Selenium	0.002	mg/L		0.001	jm	10/31/2017
Silver	< 0.0005	mg/L		0.0005	jm	10/31/2017
QCBatchID: QC1711037						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Antimony	0.0026	mg/L		0.0010	jm	10/31/2017
Thallium	< 0.0010	mg/L		0.0010	jm	10/31/2017
Method SW-846 7470A						
QCBatchID: QC1710506						
Prep Batch: PB17103002 PrepDate: 10/30/2017						
Mercury	< 0.0002	mg/L		0.0002	jm	10/31/2017

Lab Sample ID: 17102617-012

Client Sample ID: 1376353

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal Date
Method CT eTPH						
QCBatchID:	QC1711032					
Prep Method:	SW-846 3510C	Prep Batch:	PB17110202	PrepDate:	10/31/2017	
eTPH	< 71	µg/L		71	rab	11/6/2017
Method SW-846 8260C						
QCBatchID:	QC1711120					
m,p-Xylenes	< 0.5	µg/L		0.5	mtk	11/4/2017
o-Xylenes	< 0.5	µg/L		0.5	mtk	11/4/2017
Acetone	< 10.0	µg/L		10.0	mtk	11/4/2017
Acrylonitrile	< 0.5	µg/L		0.5	mtk	11/4/2017
Benzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
n-Butylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
sec-Butylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
tert-Butylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromodichloromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromoform	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromomethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Methyl ethyl ketone	< 2.0	µg/L		2.0	mtk	11/4/2017
Carbon disulfide	< 0.5	µg/L		0.5	mtk	11/4/2017
Carbon Tetrachloride	< 0.5	µg/L		0.5	mtk	11/4/2017
Chlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Chloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Chloroform	< 0.5	µg/L		0.5	mtk	11/4/2017
Chloromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Chlorotoluene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,4-Chlorotoluene	< 0.5	µg/L		0.5	mtk	11/4/2017
Dibromochloromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dibromo-3-chloropropane (DBCP)	< 0.5	µg/L		0.5	mtk	11/4/2017
Ethylene Dibromide (EDB)	< 0.5	µg/L		0.5	mtk	11/4/2017
Dibromomethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,3-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,4-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
trans-1,4-Dichloro-2-butene	< 0.5	µg/L		0.5	mtk	11/4/2017
Dichlorodifluoromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1-Dichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1-Dichloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
cis-1,2-Dichloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
trans-1,2-Dichloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,3-Dichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
2,2-Dichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1-Dichloropropylene	< 0.5	µg/L		0.5	mtk	11/4/2017

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The results recorded in this report relate only to the samples as received on the date and time noted.

NA = not analyzed

Lab Sample ID: 17102617-012

Client Sample ID: 1376353

Site: Monitoring Well Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
cis-1,3-Dichloropropylene	< 0.5	µg/L		0.5	mtk	11/4/2017
trans-1,3-Dichloropropylene	< 0.5	µg/L		0.5	mtk	11/4/2017
Ethylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Hexachlorobutadiene	< 0.4	µg/L		0.4	mtk	11/4/2017
2-Hexanone	< 1.0	µg/L		1.0	mtk	11/4/2017
Isopropylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
p-Isopropyltoluene	< 0.5	µg/L		0.5	mtk	11/4/2017
Methylene chloride	< 1.0	µg/L		1.0	mtk	11/4/2017
Methyl iso-butyl ketone	< 2.0	µg/L		2.0	mtk	11/4/2017
Methyl tert-butyl ether	< 0.5	µg/L		0.5	mtk	11/4/2017
Naphthalene	< 0.5	µg/L		0.5	mtk	11/4/2017
n-Propylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Styrene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,1,2-Tetrachloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,2,2-Tetrachloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Tetrachloroethylene	5.1	µg/L		0.5	mtk	11/4/2017
Tetrahydrofuran	< 0.5	µg/L		0.5	mtk	11/4/2017
Toluene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,3-Trichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,4-Trichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,1-Trichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,2-Trichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Trichloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
Trichlorofluoromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,3-Trichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
Trichlorotrifluoroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,4-Trimethylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,3,5-Trimethylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Vinyl chloride	< 0.5	µg/L		0.5	mtk	11/4/2017
Xylenes (Total)	< 1.0	µg/L		1.0	mtk	11/4/2017

Method SW-846 8270D

QCBatchID: QC1711057

Prep Method: SW-846 3510C

Prep Batch: PB17103102

PrepDate: 10/30/2017

Acenaphthene	< 1.2	µg/L		1.2	lwa	11/3/2017
Acenaphthylene	< 1.2	µg/L		1.2	lwa	11/3/2017
Anthracene	< 1.2	µg/L		1.2	lwa	11/3/2017
Benzo(a)anthracene	< 1.2	µg/L		1.2	lwa	11/3/2017
Benzo(b)fluoranthene	< 1.2	µg/L		1.2	lwa	11/3/2017
Benzo(k)fluoranthene	< 1.2	µg/L		1.2	lwa	11/3/2017
Benzo(ghi)perylene	< 1.2	µg/L		1.2	lwa	11/3/2017
Benzo(a)pyrene	< 1.2	µg/L		1.2	lwa	11/3/2017
Chrysene	< 1.2	µg/L		1.2	lwa	11/3/2017
Carbazole	< 1.2	µg/L		1.2	lwa	11/3/2017
Dibenzo(a,h)anthracene	< 1.2	µg/L		1.2	lwa	11/3/2017
Fluoranthene	< 1.2	µg/L		1.2	lwa	11/3/2017
Fluorene	< 1.2	µg/L		1.2	lwa	11/3/2017

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Plainville, CT 06062
860-793-8866

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NA = not analyzed

Lab Sample ID: 17102617-012

Client Sample ID: 1376353

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Indeno(1,2,3-cd)pyrene	< 1.2	µg/L		1.2	lwa	11/3/2017
Naphthalene	< 1.2	µg/L		1.2	lwa	11/3/2017
Phenanthrene	< 1.2	µg/L		1.2	lwa	11/3/2017
Pyrene	< 1.2	µg/L		1.2	lwa	11/3/2017
2-Methylnaphthalene	< 1.2	µg/L		1.2	lwa	11/3/2017

Lab Sample ID: 17102617-013

Client Sample ID: 1376353uf

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Method SW-846 6010C						
QCBatchID: QC1710512						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Barium	1.12	mg/L		0.050	jm	10/31/2017
Chromium, Total	0.080	mg/L		0.005	jm	10/31/2017
Copper	0.097	mg/L		0.005	jm	10/31/2017
Zinc	0.280	mg/L		0.010	jm	10/31/2017
QCBatchID: QC1711038						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Beryllium	0.006	mg/L		0.001	jm	10/31/2017
Vanadium	0.125	mg/L		0.005	jm	10/31/2017
Method SW-846 6020B						
QCBatchID: QC1710509						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Arsenic	0.0147	mg/L		0.0010	jm	10/31/2017
Cadmium	0.0009	mg/L		0.0001	jm	10/31/2017
Lead	0.128	mg/L		0.0050	jm	10/31/2017
Nickel	0.088	mg/L		0.001	jm	10/31/2017
Selenium	0.010	mg/L		0.001	jm	10/31/2017
Silver	< 0.0005	mg/L		0.0005	jm	10/31/2017
QCBatchID: QC1711037						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Antimony	< 0.0010	mg/L		0.0010	jm	10/31/2017
Thallium	< 0.0010	mg/L		0.0010	jm	10/31/2017
Method SW-846 7470A						
QCBatchID: QC1710506						
Prep Method: SW-846 3005A Prep Batch: PB17103002 PrepDate: 10/30/2017						
Mercury	0.0010	mg/L		0.0002	jm	10/31/2017

Lab Sample ID: 17102617-014

Client Sample ID: 1376354

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal Date
Method CT eTPH						
QCBatchID:	QC1711032					
Prep Method: SW-846 3510C	Prep Batch: PB17110202	PrepDate: 10/31/2017				
eTPH	< 70	µg/L		70	rab	11/6/2017
Method SW-846 8260C						
QCBatchID:	QC1711120					
m,p-Xylenes	< 0.5	µg/L		0.5	mtk	11/4/2017
o-Xylenes	< 0.5	µg/L		0.5	mtk	11/4/2017
Acetone	< 10.0	µg/L		10.0	mtk	11/4/2017
Acrylonitrile	< 0.5	µg/L		0.5	mtk	11/4/2017
Benzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
n-Butylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
sec-Butylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
tert-Butylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromodichloromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromoform	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromomethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Methyl ethyl ketone	< 2.0	µg/L		2.0	mtk	11/4/2017
Carbon disulfide	< 0.5	µg/L		0.5	mtk	11/4/2017
Carbon Tetrachloride	< 0.5	µg/L		0.5	mtk	11/4/2017
Chlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Chloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Chloroform	< 0.5	µg/L		0.5	mtk	11/4/2017
Chloromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Chlorotoluene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,4-Chlorotoluene	< 0.5	µg/L		0.5	mtk	11/4/2017
Dibromochloromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dibromo-3-chloropropane (DBCP)	< 0.5	µg/L		0.5	mtk	11/4/2017
Ethylene Dibromide (EDB)	< 0.5	µg/L		0.5	mtk	11/4/2017
Dibromomethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,3-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,4-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
trans-1,4-Dichloro-2-butene	< 0.5	µg/L		0.5	mtk	11/4/2017
Dichlorodifluoromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1-Dichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1-Dichloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
cis-1,2-Dichloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
trans-1,2-Dichloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,3-Dichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
2,2-Dichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1-Dichloropropylene	< 0.5	µg/L		0.5	mtk	11/4/2017

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NA = not analyzed

Lab Sample ID: 17102617-014

Client Sample ID: 1376354

Site: Monitoring Well Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
cis-1,3-Dichloropropylene	< 0.5	µg/L		0.5	mtk	11/4/2017
trans-1,3-Dichloropropylene	< 0.5	µg/L		0.5	mtk	11/4/2017
Ethylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Hexachlorobutadiene	< 0.4	µg/L		0.4	mtk	11/4/2017
2-Hexanone	< 1.0	µg/L		1.0	mtk	11/4/2017
Isopropylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
p-Isopropyltoluene	< 0.5	µg/L		0.5	mtk	11/4/2017
Methylene chloride	< 1.0	µg/L		1.0	mtk	11/4/2017
Methyl iso-butyl ketone	< 2.0	µg/L		2.0	mtk	11/4/2017
Methyl tert-butyl ether	< 0.5	µg/L		0.5	mtk	11/4/2017
Naphthalene	< 0.5	µg/L		0.5	mtk	11/4/2017
n-Propylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Styrene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,1,2-Tetrachloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,2,2-Tetrachloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Tetrachloroethylene	5.1	µg/L		0.5	mtk	11/4/2017
Tetrahydrofuran	< 0.5	µg/L		0.5	mtk	11/4/2017
Toluene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,3-Trichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,4-Trichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,1-Trichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,2-Trichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Trichloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
Trichlorofluoromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,3-Trichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
Trichlorotrifluoroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,4-Trimethylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,3,5-Trimethylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Vinyl chloride	< 0.5	µg/L		0.5	mtk	11/4/2017
Xylenes (Total)	< 1.0	µg/L		1.0	mtk	11/4/2017

Method SW-846 8270D

QCBatchID: QC1711057

Prep Method: SW-846 3510C

Prep Batch: PB17103102

PrepDate: 10/30/2017

Acenaphthene	< 1.1	µg/L		1.1	lwa	11/3/2017
Acenaphthylene	< 1.1	µg/L		1.1	lwa	11/3/2017
Anthracene	< 1.1	µg/L		1.1	lwa	11/3/2017
Benzo(a)anthracene	< 1.1	µg/L		1.1	lwa	11/3/2017
Benzo(b)fluoranthene	< 1.1	µg/L		1.1	lwa	11/3/2017
Benzo(k)fluoranthene	< 1.1	µg/L		1.1	lwa	11/3/2017
Benzo(ghi)perylene	< 1.1	µg/L		1.1	lwa	11/3/2017
Benzo(a)pyrene	< 1.1	µg/L		1.1	lwa	11/3/2017
Chrysene	< 1.1	µg/L		1.1	lwa	11/3/2017
Carbazole	< 1.1	µg/L		1.1	lwa	11/3/2017
Dibenzo(a,h)anthracene	< 1.1	µg/L		1.1	lwa	11/3/2017
Fluoranthene	< 1.1	µg/L		1.1	lwa	11/3/2017
Fluorene	< 1.1	µg/L		1.1	lwa	11/3/2017

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Plainville, CT 06062
860-793-8866

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NA = not analyzed

Lab Sample ID: 17102617-014

Client Sample ID: 1376354

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Indeno(1,2,3-cd)pyrene	< 1.1	µg/L		1.1	lwa	11/3/2017
Naphthalene	< 1.1	µg/L		1.1	lwa	11/3/2017
Phenanthrene	< 1.1	µg/L		1.1	lwa	11/3/2017
Pyrene	< 1.1	µg/L		1.1	lwa	11/3/2017
2-Methylnaphthalene	< 1.1	µg/L		1.1	lwa	11/3/2017

Lab Sample ID: 17102617-015

Client Sample ID: 1376354uf

Site: Monitoring Well Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep.Limit	Analyst	Anal. Date
Method SW-846 6010C						
QCBatchID: QC1710512						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Barium	1.40	mg/L		0.050	jm	10/31/2017
Chromium, Total	0.102	mg/L		0.005	jm	10/31/2017
Copper	0.128	mg/L		0.005	jm	10/31/2017
Zinc	0.374	mg/L		0.010	jm	10/31/2017
QCBatchID: QC1711038						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Beryllium	0.007	mg/L		0.001	jm	10/31/2017
Vanadium	0.151	mg/L		0.005	jm	10/31/2017
Method SW-846 6020B						
QCBatchID: QC1710509						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Arsenic	0.0172	mg/L		0.0010	jm	10/31/2017
Cadmium	0.0012	mg/L		0.0001	jm	10/31/2017
Lead	0.170	mg/L		0.0050	jm	10/31/2017
Nickel	0.114	mg/L		0.001	jm	10/31/2017
Selenium	0.012	mg/L		0.001	jm	10/31/2017
Silver	0.0006	mg/L		0.0005	jm	10/31/2017
QCBatchID: QC1711037						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Antimony	< 0.0010	mg/L		0.0010	jm	10/31/2017
Thallium	< 0.0010	mg/L		0.0010	jm	10/31/2017
Method SW-846 7470A						
QCBatchID: QC1710506						
Prep Method: SW-846 3005A Prep Batch: PB17103002 PrepDate: 10/30/2017						
Mercury	0.0013	mg/L		0.0002	jm	10/31/2017

Lab Sample ID: 17102617-016

Client Sample ID: 1376355

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Method CT eTPH						
QCBatchID:	QC1711032					
Prep Method: SW-846 3510C	Prep Batch: PB17110202	PrepDate: 10/31/2017				
eTPH	190	µg/L		71	rab	11/6/2017
Method SW-846 8260C						
QCBatchID:	QC1711120					
m,p-Xylenes	< 0.5	µg/L		0.5	mtk	11/4/2017
o-Xylenes	< 0.5	µg/L		0.5	mtk	11/4/2017
Acetone	< 10.0	µg/L		10.0	mtk	11/4/2017
Acrylonitrile	< 0.5	µg/L		0.5	mtk	11/4/2017
Benzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
n-Butylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
sec-Butylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
tert-Butylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromodichloromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromoform	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromomethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Methyl ethyl ketone	< 2.0	µg/L		2.0	mtk	11/4/2017
Carbon disulfide	< 0.5	µg/L		0.5	mtk	11/4/2017
Carbon Tetrachloride	< 0.5	µg/L		0.5	mtk	11/4/2017
Chlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Chloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Chloroform	< 0.5	µg/L		0.5	mtk	11/4/2017
Chloromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Chlorotoluene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,4-Chlorotoluene	< 0.5	µg/L		0.5	mtk	11/4/2017
Dibromochloromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dibromo-3-chloropropane (DBCP)	< 0.5	µg/L		0.5	mtk	11/4/2017
Ethylene Dibromide (EDB)	< 0.5	µg/L		0.5	mtk	11/4/2017
Dibromomethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,3-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,4-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
trans-1,4-Dichloro-2-butene	< 0.5	µg/L		0.5	mtk	11/4/2017
Dichlorodifluoromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1-Dichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1-Dichloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
cis-1,2-Dichloroethylene	7.1	µg/L		0.5	mtk	11/4/2017
trans-1,2-Dichloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,3-Dichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
2,2-Dichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1-Dichloropropylene	< 0.5	µg/L		0.5	mtk	11/4/2017

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The results recorded in this report relate only to the samples as received on the date and time noted.

NA = not analyzed

Lab Sample ID: 17102617-016

Client Sample ID: 1376355

Site: Monitoring Well Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
cis-1,3-Dichloropropylene	< 0.5	µg/L		0.5	mtk	11/4/2017
trans-1,3-Dichloropropylene	< 0.5	µg/L		0.5	mtk	11/4/2017
Ethylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Hexachlorobutadiene	< 0.4	µg/L		0.4	mtk	11/4/2017
2-Hexanone	< 1.0	µg/L		1.0	mtk	11/4/2017
Isopropylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
p-Isopropyltoluene	< 0.5	µg/L		0.5	mtk	11/4/2017
Methylene chloride	< 1.0	µg/L		1.0	mtk	11/4/2017
Methyl iso-butyl ketone	< 2.0	µg/L		2.0	mtk	11/4/2017
Methyl tert-butyl ether	< 0.5	µg/L		0.5	mtk	11/4/2017
Naphthalene	< 0.5	µg/L		0.5	mtk	11/4/2017
n-Propylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Styrene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,1,2-Tetrachloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,2,2-Tetrachloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Tetrachloroethylene	330	µg/L	H	0.5	mtk	11/4/2017
Tetrahydrofuran	< 0.5	µg/L		0.5	mtk	11/4/2017
Toluene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,3-Trichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,4-Trichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,1-Trichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,2-Trichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Trichloroethylene	13	µg/L		0.5	mtk	11/4/2017
Trichlorofluoromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,3-Trichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
Trichlorotrifluoroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,4-Trimethylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,3,5-Trimethylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Vinyl chloride	< 0.5	µg/L		0.5	mtk	11/4/2017
Xylenes (Total)	< 1.0	µg/L		1.0	mtk	11/4/2017

Method SW-846 8270D

QCBatchID: QC1711057

Prep Method: SW-846 3510C

Prep Batch: PB17103102

PrepDate: 10/30/2017

Acenaphthene	< 1.0	µg/L		1.0	lwa	11/3/2017
Acenaphthylene	< 1.0	µg/L		1.0	lwa	11/3/2017
Anthracene	< 1.0	µg/L		1.0	lwa	11/3/2017
Benzo(a)anthracene	< 1.0	µg/L		1.0	lwa	11/3/2017
Benzo(b)fluoranthene	< 1.0	µg/L		1.0	lwa	11/3/2017
Benzo(k)fluoranthene	< 1.0	µg/L		1.0	lwa	11/3/2017
Benzo(ghi)perylene	< 1.0	µg/L		1.0	lwa	11/3/2017
Benzo(a)pyrene	< 1.0	µg/L		1.0	lwa	11/3/2017
Chrysene	< 1.0	µg/L		1.0	lwa	11/3/2017
Carbazole	< 1.0	µg/L		1.0	lwa	11/3/2017
Dibenzo(a,h)anthracene	< 1.0	µg/L		1.0	lwa	11/3/2017
Fluoranthene	< 1.0	µg/L		1.0	lwa	11/3/2017
Fluorene	< 1.0	µg/L		1.0	lwa	11/3/2017

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NA = not analyzed

Lab Sample ID: 17102617-016

Client Sample ID: 1376355

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep.Limit	Analyst	Anal. Date
Indeno(1,2,3-cd)pyrene	< 1.0	µg/L		1.0	lwa	11/3/2017
Naphthalene	< 1.0	µg/L		1.0	lwa	11/3/2017
Phenanthrene	< 1.0	µg/L		1.0	lwa	11/3/2017
Pyrene	< 1.0	µg/L		1.0	lwa	11/3/2017
2-Methylnaphthalene	< 1.0	µg/L		1.0	lwa	11/3/2017

Lab Sample ID: 17102617-016A

Client Sample ID: 1376355

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Method SW-846 8260C						
QCBatchID: QC1711124						
m,p-Xylenes	< 5.0	µg/L		5.0	mtk	11/7/2017
o-Xylenes	< 5.0	µg/L		5.0	mtk	11/7/2017
Acetone	< 100.0	µg/L		100.0	mtk	11/7/2017
Acrylonitrile	< 5.0	µg/L		5.0	mtk	11/7/2017
Benzene	< 5.0	µg/L		5.0	mtk	11/7/2017
Bromobenzene	< 5.0	µg/L		5.0	mtk	11/7/2017
n-Butylbenzene	< 5.0	µg/L		5.0	mtk	11/7/2017
sec-Butylbenzene	< 5.0	µg/L		5.0	mtk	11/7/2017
tert-Butylbenzene	< 5.0	µg/L		5.0	mtk	11/7/2017
Bromodichloromethane	< 5.0	µg/L		5.0	mtk	11/7/2017
Bromoform	< 5.0	µg/L		5.0	mtk	11/7/2017
Bromomethane	< 5.0	µg/L		5.0	mtk	11/7/2017
Methyl ethyl ketone	< 20	µg/L		20	mtk	11/7/2017
Carbon disulfide	< 5.0	µg/L		5.0	mtk	11/7/2017
Carbon Tetrachloride	< 5.0	µg/L		5.0	mtk	11/7/2017
Chlorobenzene	< 5.0	µg/L		5.0	mtk	11/7/2017
Chloroethane	< 5.0	µg/L		5.0	mtk	11/7/2017
Chloroform	< 5.0	µg/L		5.0	mtk	11/7/2017
Chloromethane	< 5.0	µg/L		5.0	mtk	11/7/2017
1,2-Chlorotoluene	< 5.0	µg/L		5.0	mtk	11/7/2017
1,4-Chlorotoluene	< 5.0	µg/L		5.0	mtk	11/7/2017
Dibromochloromethane	< 5.0	µg/L		5.0	mtk	11/7/2017
1,2-Dibromo-3-chloropropane (DBCP)	< 5.0	µg/L		5.0	mtk	11/7/2017
Ethylene Dibromide (EDB)	< 5.0	µg/L		5.0	mtk	11/7/2017
Dibromomethane	< 5.0	µg/L		5.0	mtk	11/7/2017
1,2-Dichlorobenzene	< 5.0	µg/L		5.0	mtk	11/7/2017
1,3-Dichlorobenzene	< 5.0	µg/L		5.0	mtk	11/7/2017
1,4-Dichlorobenzene	< 5.0	µg/L		5.0	mtk	11/7/2017
trans-1,4-Dichloro-2-butene	< 5.0	µg/L		5.0	mtk	11/7/2017
Dichlorodifluoromethane	< 5.0	µg/L		5.0	mtk	11/7/2017
1,1-Dichloroethane	< 5.0	µg/L		5.0	mtk	11/7/2017
1,2-Dichloroethane	< 5.0	µg/L		5.0	mtk	11/7/2017
1,1-Dichloroethylene	< 5.0	µg/L		5.0	mtk	11/7/2017
cis-1,2-Dichloroethylene	7.1	µg/L		5.0	mtk	11/7/2017
trans-1,2-Dichloroethylene	< 5.0	µg/L		5.0	mtk	11/7/2017
1,2-Dichloropropane	< 5.0	µg/L		5.0	mtk	11/7/2017
1,3-Dichloropropane	< 5.0	µg/L		5.0	mtk	11/7/2017
2,2-Dichloropropane	< 5.0	µg/L		5.0	mtk	11/7/2017
1,1-Dichloropropylene	< 5.0	µg/L		5.0	mtk	11/7/2017
cis-1,3-Dichloropropylene	< 5.0	µg/L		5.0	mtk	11/7/2017
trans-1,3-Dichloropropylene	< 5.0	µg/L		5.0	mtk	11/7/2017
Ethylbenzene	< 5.0	µg/L		5.0	mtk	11/7/2017
Hexachlorobutadiene	< 4.0	µg/L		4.0	mtk	11/7/2017

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NA = not analyzed

Lab Sample ID: 17102617-016A

Client Sample ID: 1376355

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
2-Hexanone	< 10.0	µg/L		10.0	mtk	11/7/2017
Isopropylbenzene	< 5.0	µg/L		5.0	mtk	11/7/2017
p-Isopropyltoluene	< 5.0	µg/L		5.0	mtk	11/7/2017
Methylene chloride	< 10.0	µg/L		10.0	mtk	11/7/2017
Methyl iso-butyl ketone	< 20	µg/L		20	mtk	11/7/2017
Methyl tert-butyl ether	< 5.0	µg/L		5.0	mtk	11/7/2017
Naphthalene	< 5.0	µg/L		5.0	mtk	11/7/2017
n-Propylbenzene	< 5.0	µg/L		5.0	mtk	11/7/2017
Styrene	< 5.0	µg/L		5.0	mtk	11/7/2017
1,1,1,2-Tetrachloroethane	< 5.0	µg/L		5.0	mtk	11/7/2017
1,1,2,2-Tetrachloroethane	< 5.0	µg/L		5.0	mtk	11/7/2017
Tetrachloroethylene	270	µg/L		5.0	mtk	11/7/2017
Tetrahydrofuran	< 5.0	µg/L		5.0	mtk	11/7/2017
Toluene	< 5.0	µg/L		5.0	mtk	11/7/2017
1,2,3-Trichlorobenzene	< 5.0	µg/L		5.0	mtk	11/7/2017
1,2,4-Trichlorobenzene	< 5.0	µg/L		5.0	mtk	11/7/2017
1,1,1-Trichloroethane	< 5.0	µg/L		5.0	mtk	11/7/2017
1,1,2-Trichloroethane	< 5.0	µg/L		5.0	mtk	11/7/2017
Trichloroethylene	12	µg/L		5.0	mtk	11/7/2017
Trichlorofluoromethane	< 5.0	µg/L		5.0	mtk	11/7/2017
1,2,3-Trichloropropane	< 5.0	µg/L		5.0	mtk	11/7/2017
Trichlorotrifluoroethane	< 5.0	µg/L		5.0	mtk	11/7/2017
1,2,4-Trimethylbenzene	< 5.0	µg/L		5.0	mtk	11/7/2017
1,3,5-Trimethylbenzene	< 5.0	µg/L		5.0	mtk	11/7/2017
Vinyl chloride	< 5.0	µg/L		5.0	mtk	11/7/2017
Xylenes (Total)	< 10.0	µg/L		10.0	mtk	11/7/2017

Lab Sample ID: 17102617-017

Client Sample ID: 1376355uf

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep.Limit	Analyst	Anal. Date
Method SW-846 6010C						
QCBatchID:	QC1710512					
Prep Method: SW-846 3005A	Prep Batch: PB17103003	PrepDate: 10/30/2017				
Barium	0.328	mg/L		0.010	jm	10/31/2017
Chromium, Total	0.031	mg/L		0.005	jm	10/31/2017
Copper	0.018	mg/L		0.005	jm	10/31/2017
Zinc	0.077	mg/L		0.010	jm	10/31/2017
QCBatchID:	QC1711038					
Prep Method: SW-846 3005A	Prep Batch: PB17103003	PrepDate: 10/30/2017				
Beryllium	0.002	mg/L		0.001	jm	10/31/2017
Vanadium	0.042	mg/L		0.005	jm	10/31/2017
Method SW-846 6020B						
QCBatchID:	QC1710509					
Prep Method: SW-846 3005A	Prep Batch: PB17103003	PrepDate: 10/30/2017				
Arsenic	0.0033	mg/L		0.0010	jm	10/31/2017
Cadmium	0.0005	mg/L		0.0001	jm	10/31/2017
Lead	0.0229	mg/L		0.0010	jm	10/31/2017
Nickel	0.026	mg/L		0.001	jm	10/31/2017
Selenium	0.004	mg/L		0.001	jm	10/31/2017
Silver	< 0.0005	mg/L		0.0005	jm	10/31/2017
QCBatchID:	QC1711037					
Prep Method: SW-846 3005A	Prep Batch: PB17103003	PrepDate: 10/30/2017				
Antimony	< 0.0010	mg/L		0.0010	jm	10/31/2017
Thallium	< 0.0010	mg/L		0.0010	jm	10/31/2017
Method SW-846 7470A						
QCBatchID:	QC1710506					
	Prep Batch: PB17103002	PrepDate: 10/30/2017				
Mercury	< 0.0002	mg/L		0.0002	jm	10/31/2017

Lab Sample ID: 17102617-018

Client Sample ID: 1376349

Site: Blank Sample

Matrix: Blank Water

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Method SW-846 8260C						
QCBatchID: QC1711004						
Prep Method: SW-846 5035						
Acetone	< 50.0	µg/kg		50.0	mtk	11/1/2017
Acrylonitrile	< 5.0	µg/kg		5.0	mtk	11/1/2017
Benzene	< 5.0	µg/kg		5.0	mtk	11/1/2017
Bromobenzene	< 5.0	µg/kg		5.0	mtk	11/1/2017
n-Butylbenzene	< 5.0	µg/kg		5.0	mtk	11/1/2017
sec-Butylbenzene	< 5.0	µg/kg		5.0	mtk	11/1/2017
tert-Butylbenzene	< 5.0	µg/kg		5.0	mtk	11/1/2017
Bromodichloromethane	< 5.0	µg/kg		5.0	mtk	11/1/2017
Bromoform	< 5.0	µg/kg		5.0	mtk	11/1/2017
Bromomethane	< 5.0	µg/kg		5.0	mtk	11/1/2017
Methyl ethyl ketone	< 10.0	µg/kg		10.0	mtk	11/1/2017
Carbon disulfide	< 5.0	µg/kg		5.0	mtk	11/1/2017
Carbon Tetrachloride	< 5.0	µg/kg		5.0	mtk	11/1/2017
Chlorobenzene	< 5.0	µg/kg		5.0	mtk	11/1/2017
Chloroethane	< 5.0	µg/kg		5.0	mtk	11/1/2017
Chloroform	< 5.0	µg/kg		5.0	mtk	11/1/2017
Chloromethane	< 5.0	µg/kg		5.0	mtk	11/1/2017
1,2-Chlorotoluene	< 5.0	µg/kg		5.0	mtk	11/1/2017
1,4-Chlorotoluene	< 5.0	µg/kg		5.0	mtk	11/1/2017
Dibromochloromethane	< 5.0	µg/kg		5.0	mtk	11/1/2017
1,2-Dibromo-3-chloropropane (DBCP)	< 5.0	µg/kg		5.0	mtk	11/1/2017
Ethylene Dibromide (EDB)	< 5.0	µg/kg		5.0	mtk	11/1/2017
Dibromomethane	< 5.0	µg/kg		5.0	mtk	11/1/2017
1,2-Dichlorobenzene	< 5.0	µg/kg		5.0	mtk	11/1/2017
1,3-Dichlorobenzene	< 5.0	µg/kg		5.0	mtk	11/1/2017
1,4-Dichlorobenzene	< 5.0	µg/kg		5.0	mtk	11/1/2017
trans-1,4-Dichloro-2-butene	< 5.0	µg/kg		5.0	mtk	11/1/2017
Dichlorodifluoromethane	< 5.0	µg/kg		5.0	mtk	11/1/2017
1,1-Dichloroethane	< 5.0	µg/kg		5.0	mtk	11/1/2017
1,2-Dichloroethane	< 5.0	µg/kg		5.0	mtk	11/1/2017
1,1-Dichloroethylene	< 5.0	µg/kg		5.0	mtk	11/1/2017
cis-1,2-Dichloroethylene	< 5.0	µg/kg		5.0	mtk	11/1/2017
trans-1,2-Dichloroethylene	< 5.0	µg/kg		5.0	mtk	11/1/2017
1,2-Dichloropropane	< 5.0	µg/kg		5.0	mtk	11/1/2017
1,3-Dichloropropane	< 5.0	µg/kg		5.0	mtk	11/1/2017
2,2-Dichloropropane	< 5.0	µg/kg		5.0	mtk	11/1/2017
1,1-Dichloropropylene	< 5.0	µg/kg		5.0	mtk	11/1/2017
cis-1,3-Dichloropropylene	< 5.0	µg/kg		5.0	mtk	11/1/2017
trans-1,3-Dichloropropylene	< 5.0	µg/kg		5.0	mtk	11/1/2017
Ethylbenzene	< 5.0	µg/kg		5.0	mtk	11/1/2017
Hexachlorobutadiene	< 5.0	µg/kg		5.0	mtk	11/1/2017
2-Hexanone	< 10.0	µg/kg		10.0	mtk	11/1/2017

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Plainville, CT 06062
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The results recorded in this report relate only to the samples as received on the date and time noted.

NA = not analyzed

Lab Sample ID: 17102617-018

Client Sample ID: 1376349

Site: Blank Sample

Matrix: Blank Water

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Isopropylbenzene	< 5.0	µg/kg		5.0	mtk	11/1/2017
p-Isopropyltoluene	< 5.0	µg/kg		5.0	mtk	11/1/2017
Methylene chloride	< 10.0	µg/kg		10.0	mtk	11/1/2017
Methyl iso-butyl ketone	< 10.0	µg/kg		10.0	mtk	11/1/2017
Methyl tert-butyl ether	< 5.0	µg/kg		5.0	mtk	11/1/2017
Naphthalene	< 10.0	µg/kg		10.0	mtk	11/1/2017
n-Propylbenzene	< 5.0	µg/kg		5.0	mtk	11/1/2017
Styrene	< 5.0	µg/kg		5.0	mtk	11/1/2017
1,1,1,2-Tetrachloroethane	< 5.0	µg/kg		5.0	mtk	11/1/2017
1,1,2,2-Tetrachloroethane	< 5.0	µg/kg		5.0	mtk	11/1/2017
Tetrachloroethylene	< 5.0	µg/kg		5.0	mtk	11/1/2017
Tetrahydrofuran	< 5.0	µg/kg		5.0	mtk	11/1/2017
Toluene	< 5.0	µg/kg		5.0	mtk	11/1/2017
1,2,3-Trichlorobenzene	< 5.0	µg/kg		5.0	mtk	11/1/2017
1,2,4-Trichlorobenzene	< 5.0	µg/kg		5.0	mtk	11/1/2017
1,1,1-Trichloroethane	< 5.0	µg/kg		5.0	mtk	11/1/2017
1,1,2-Trichloroethane	< 5.0	µg/kg		5.0	mtk	11/1/2017
Trichloroethylene	< 5.0	µg/kg		5.0	mtk	11/1/2017
Trichlorofluoromethane	< 5.0	µg/kg		5.0	mtk	11/1/2017
1,2,3-Trichloropropane	< 5.0	µg/kg		5.0	mtk	11/1/2017
Trichlorotrifluoroethane	< 5.0	µg/kg		5.0	mtk	11/1/2017
1,2,4-Trimethylbenzene	< 5.0	µg/kg		5.0	mtk	11/1/2017
1,3,5-Trimethylbenzene	< 5.0	µg/kg		5.0	mtk	11/1/2017
Vinyl chloride	< 5.0	µg/kg		5.0	mtk	11/1/2017
Xylenes (Total)	< 15	µg/kg		15	mtk	11/1/2017

Lab Sample ID: 17102617-019

Client Sample ID: 1376350

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal Date
Method SW-846 8260C						
QCBatchID:	QC1711119					
m,p-Xylenes	< 0.5	µg/L		0.5	mtk	10/27/2017
o-Xylenes	< 0.5	µg/L		0.5	mtk	10/27/2017
Acetone	< 10.0	µg/L		10.0	mtk	10/27/2017
Acrylonitrile	< 0.5	µg/L		0.5	mtk	10/27/2017
Benzene	< 0.5	µg/L		0.5	mtk	10/27/2017
Bromobenzene	< 0.5	µg/L		0.5	mtk	10/27/2017
n-Butylbenzene	< 0.5	µg/L		0.5	mtk	10/27/2017
sec-Butylbenzene	< 0.5	µg/L		0.5	mtk	10/27/2017
tert-Butylbenzene	< 0.5	µg/L		0.5	mtk	10/27/2017
Bromodichloromethane	< 0.5	µg/L		0.5	mtk	10/27/2017
Bromoform	< 0.5	µg/L		0.5	mtk	10/27/2017
Bromomethane	< 0.5	µg/L		0.5	mtk	10/27/2017
Methyl ethyl ketone	< 2.0	µg/L		2.0	mtk	10/27/2017
Carbon disulfide	< 0.5	µg/L		0.5	mtk	10/27/2017
Carbon Tetrachloride	< 0.5	µg/L		0.5	mtk	10/27/2017
Chlorobenzene	< 0.5	µg/L		0.5	mtk	10/27/2017
Chloroethane	< 0.5	µg/L		0.5	mtk	10/27/2017
Chloroform	< 0.5	µg/L		0.5	mtk	10/27/2017
Chloromethane	< 0.5	µg/L		0.5	mtk	10/27/2017
1,2-Chlorotoluene	< 0.5	µg/L		0.5	mtk	10/27/2017
1,4-Chlorotoluene	< 0.5	µg/L		0.5	mtk	10/27/2017
Dibromochloromethane	< 0.5	µg/L		0.5	mtk	10/27/2017
1,2-Dibromo-3-chloropropane (DBCP)	< 0.5	µg/L		0.5	mtk	10/27/2017
Ethylene Dibromide (EDB)	< 0.5	µg/L		0.5	mtk	10/27/2017
Dibromomethane	< 0.5	µg/L		0.5	mtk	10/27/2017
1,2-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	10/27/2017
1,3-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	10/27/2017
1,4-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	10/27/2017
trans-1,4-Dichloro-2-butene	< 0.5	µg/L		0.5	mtk	10/27/2017
Dichlorodifluoromethane	< 0.5	µg/L		0.5	mtk	10/27/2017
1,1-Dichloroethane	< 0.5	µg/L		0.5	mtk	10/27/2017
1,2-Dichloroethane	< 0.5	µg/L		0.5	mtk	10/27/2017
1,1-Dichloroethylene	< 0.5	µg/L		0.5	mtk	10/27/2017
cis-1,2-Dichloroethylene	< 0.5	µg/L		0.5	mtk	10/27/2017
trans-1,2-Dichloroethylene	< 0.5	µg/L		0.5	mtk	10/27/2017
1,2-Dichloropropane	< 0.5	µg/L		0.5	mtk	10/27/2017
1,3-Dichloropropane	< 0.5	µg/L		0.5	mtk	10/27/2017
2,2-Dichloropropane	< 0.5	µg/L		0.5	mtk	10/27/2017
1,1-Dichloropropylene	< 0.5	µg/L		0.5	mtk	10/27/2017
cis-1,3-Dichloropropylene	< 0.5	µg/L		0.5	mtk	10/27/2017
trans-1,3-Dichloropropylene	< 0.5	µg/L		0.5	mtk	10/27/2017
Ethylbenzene	< 0.5	µg/L		0.5	mtk	10/27/2017
Hexachlorobutadiene	< 0.4	µg/L		0.4	mtk	10/27/2017

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Plainville, CT 06062
860-793-8866

The results recorded in this report relate only to the samples as received on the date and time noted.

NA = not analyzed

Lab Sample ID: 17102617-019

Client Sample ID: 1376350

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
2-Hexanone	< 1.0	µg/L		1.0	mtk	10/27/2017
Isopropylbenzene	< 0.5	µg/L		0.5	mtk	10/27/2017
p-Isopropyltoluene	< 0.5	µg/L		0.5	mtk	10/27/2017
Methylene chloride	< 1.0	µg/L		1.0	mtk	10/27/2017
Methyl iso-butyl ketone	< 2.0	µg/L		2.0	mtk	10/27/2017
Methyl tert-butyl ether	< 0.5	µg/L		0.5	mtk	10/27/2017
Naphthalene	< 0.5	µg/L		0.5	mtk	10/27/2017
n-Propylbenzene	< 0.5	µg/L		0.5	mtk	10/27/2017
Styrene	< 0.5	µg/L		0.5	mtk	10/27/2017
1,1,1,2-Tetrachloroethane	< 0.5	µg/L		0.5	mtk	10/27/2017
1,1,2,2-Tetrachloroethane	< 0.5	µg/L		0.5	mtk	10/27/2017
Tetrachloroethylene	< 0.5	µg/L		0.5	mtk	10/27/2017
Tetrahydrofuran	< 0.5	µg/L		0.5	mtk	10/27/2017
Toluene	< 0.5	µg/L		0.5	mtk	10/27/2017
1,2,3-Trichlorobenzene	< 0.5	µg/L		0.5	mtk	10/27/2017
1,2,4-Trichlorobenzene	< 0.5	µg/L		0.5	mtk	10/27/2017
1,1,1-Trichloroethane	< 0.5	µg/L		0.5	mtk	10/27/2017
1,1,2-Trichloroethane	< 0.5	µg/L		0.5	mtk	10/27/2017
Trichloroethylene	< 0.5	µg/L		0.5	mtk	10/27/2017
Trichlorofluoromethane	< 0.5	µg/L		0.5	mtk	10/27/2017
1,2,3-Trichloropropane	< 0.5	µg/L		0.5	mtk	10/27/2017
Trichlorotrifluoroethane	< 0.5	µg/L		0.5	mtk	10/27/2017
1,2,4-Trimethylbenzene	< 0.5	µg/L		0.5	mtk	10/27/2017
1,3,5-Trimethylbenzene	< 0.5	µg/L		0.5	mtk	10/27/2017
Vinyl chloride	< 0.5	µg/L		0.5	mtk	10/27/2017
Xylenes (Total)	< 1.0	µg/L		1.0	mtk	10/27/2017

Lab Sample ID: 17102617-020

Client Sample ID: 1376356

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep.Limit	Analyst	Anal.Date
Method CT eTPH						
QCBatchID:	QC1711032					
Prep Method:	SW-846 3510C	Prep Batch:	PB17110202	PrepDate:	10/31/2017	
eTPH	< 74	µg/L		74	rab	11/6/2017
Method SW-846 8260C						
QCBatchID:	QC1711120					
m,p-Xylenes	< 0.5	µg/L		0.5	mtk	11/4/2017
o-Xylenes	< 0.5	µg/L		0.5	mtk	11/4/2017
Acetone	< 10.0	µg/L		10.0	mtk	11/4/2017
Acrylonitrile	< 0.5	µg/L		0.5	mtk	11/4/2017
Benzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
n-Butylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
sec-Butylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
tert-Butylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromodichloromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromoform	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromomethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Methyl ethyl ketone	< 2.0	µg/L		2.0	mtk	11/4/2017
Carbon disulfide	< 0.5	µg/L		0.5	mtk	11/4/2017
Carbon Tetrachloride	< 0.5	µg/L		0.5	mtk	11/4/2017
Chlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Chloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Chloroform	< 0.5	µg/L		0.5	mtk	11/4/2017
Chloromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Chlorotoluene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,4-Chlorotoluene	< 0.5	µg/L		0.5	mtk	11/4/2017
Dibromochloromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dibromo-3-chloropropane (DBCP)	< 0.5	µg/L		0.5	mtk	11/4/2017
Ethylene Dibromide (EDB)	< 0.5	µg/L		0.5	mtk	11/4/2017
Dibromomethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,3-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,4-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
trans-1,4-Dichloro-2-butene	< 0.5	µg/L		0.5	mtk	11/4/2017
Dichlorodifluoromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1-Dichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1-Dichloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
cis-1,2-Dichloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
trans-1,2-Dichloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,3-Dichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
2,2-Dichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1-Dichloropropylene	< 0.5	µg/L		0.5	mtk	11/4/2017

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NA = not analyzed

Lab Sample ID: 17102617-020

Client Sample ID: 1376356

Site: Monitoring Well Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
cis-1,3-Dichloropropylene	< 0.5	µg/L		0.5	mtk	11/4/2017
trans-1,3-Dichloropropylene	< 0.5	µg/L		0.5	mtk	11/4/2017
Ethylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Hexachlorobutadiene	< 0.4	µg/L		0.4	mtk	11/4/2017
2-Hexanone	< 1.0	µg/L		1.0	mtk	11/4/2017
Isopropylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
p-Isopropyltoluene	< 0.5	µg/L		0.5	mtk	11/4/2017
Methylene chloride	< 1.0	µg/L		1.0	mtk	11/4/2017
Methyl iso-butyl ketone	< 2.0	µg/L		2.0	mtk	11/4/2017
Methyl tert-butyl ether	< 0.5	µg/L		0.5	mtk	11/4/2017
Naphthalene	< 0.5	µg/L		0.5	mtk	11/4/2017
n-Propylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Styrene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,1,2-Tetrachloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,2,2-Tetrachloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Tetrachloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
Tetrahydrofuran	< 0.5	µg/L		0.5	mtk	11/4/2017
Toluene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,3-Trichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,4-Trichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,1-Trichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,2-Trichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Trichloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
Trichlorofluoromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,3-Trichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
Trichlorotrifluoroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,4-Trimethylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,3,5-Trimethylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Vinyl chloride	< 0.5	µg/L		0.5	mtk	11/4/2017
Xylenes (Total)	< 1.0	µg/L		1.0	mtk	11/4/2017

Method SW-846 8270D

QCBatchID: QC1711072

Prep Method: SW-846 3510C

Prep Batch: PB17103102

PrepDate: 10/30/2017

Acenaphthene	< 1.0	µg/L		1.0	lwa	11/6/2017
Acenaphthylene	< 1.0	µg/L		1.0	lwa	11/6/2017
Anthracene	< 1.0	µg/L		1.0	lwa	11/6/2017
Benzo(a)anthracene	< 1.0	µg/L		1.0	lwa	11/6/2017
Benzo(b)fluoranthene	< 1.0	µg/L		1.0	lwa	11/6/2017
Benzo(k)fluoranthene	< 1.0	µg/L		1.0	lwa	11/6/2017
Benzo(ghi)perylene	< 1.0	µg/L		1.0	lwa	11/6/2017
Benzo(a)pyrene	< 1.0	µg/L		1.0	lwa	11/6/2017
Chrysene	< 1.0	µg/L		1.0	lwa	11/6/2017
Carbazole	< 1.0	µg/L		1.0	lwa	11/6/2017
Dibenzo(a,h)anthracene	< 1.0	µg/L		1.0	lwa	11/6/2017
Fluoranthene	< 1.0	µg/L		1.0	lwa	11/6/2017
Fluorene	< 1.0	µg/L		1.0	lwa	11/6/2017

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NA = not analyzed

Lab Sample ID: 17102617-020

Client Sample ID: 1376356

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Rep Limit</u>	<u>Analyst</u>	<u>Anal. Date</u>
Indeno(1,2,3-cd)pyrene	< 1.0	µg/L		1.0	lwa	11/6/2017
Naphthalene	< 1.0	µg/L		1.0	lwa	11/6/2017
Phenanthrene	< 1.0	µg/L		1.0	lwa	11/6/2017
Pyrene	< 1.0	µg/L		1.0	lwa	11/6/2017
2-Methylnapthalene	< 1.0	µg/L		1.0	lwa	11/6/2017

Lab Sample ID: 17102617-021

Client Sample ID: 1376356uf

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Method SW-846 6010C						
QCBatchID: QC1710512						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Barium	< 0.010	mg/L		0.010	jm	10/31/2017
Chromium, Total	< 0.005	mg/L		0.005	jm	10/31/2017
Copper	< 0.005	mg/L		0.005	jm	10/31/2017
Zinc	< 0.010	mg/L		0.010	jm	10/31/2017
QCBatchID: QC1711038						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Beryllium	< 0.001	mg/L		0.001	jm	10/31/2017
Vanadium	< 0.005	mg/L		0.005	jm	10/31/2017
Method SW-846 6020B						
QCBatchID: QC1710509						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Arsenic	< 0.0010	mg/L		0.0010	jm	10/31/2017
Cadmium	< 0.0001	mg/L		0.0001	jm	10/31/2017
Lead	< 0.0010	mg/l		0.0010	jm	10/31/2017
Nickel	< 0.001	mg/L		0.001	jm	10/31/2017
Selenium	< 0.001	mg/L		0.001	jm	10/31/2017
Silver	< 0.0005	mg/L		0.0005	jm	10/31/2017
QCBatchID: QC1711037						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Antimony	< 0.0010	mg/L		0.0010	jm	10/31/2017
Thallium	< 0.0010	mg/L		0.0010	jm	10/31/2017
Method SW-846 7470A						
QCBatchID: QC1710506						
Prep Batch: PB17103002 PrepDate: 10/30/2017						
Mercury	< 0.0002	mg/L		0.0002	jm	10/31/2017

Lab Sample ID: 17102617-022

Client Sample ID: 1376341

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
Method CT eTPH						
QCBatchID:	QC1711032					
Prep Method:	SW-846 3510C	Prep Batch:	PB17110202	PrepDate:	10/31/2017	
eTPH	< 89	µg/L		89	rab	11/6/2017
Method SW-846 8260C						
QCBatchID:	QC1711120					
m,p-Xylenes	< 0.5	µg/L		0.5	mtk	11/4/2017
o-Xylenes	< 0.5	µg/L		0.5	mtk	11/4/2017
Acetone	< 10.0	µg/L		10.0	mtk	11/4/2017
Acrylonitrile	< 0.5	µg/L		0.5	mtk	11/4/2017
Benzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
n-Butylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
sec-Butylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
tert-Butylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromodichloromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromoform	< 0.5	µg/L		0.5	mtk	11/4/2017
Bromomethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Methyl ethyl ketone	< 2.0	µg/L		2.0	mtk	11/4/2017
Carbon disulfide	< 0.5	µg/L		0.5	mtk	11/4/2017
Carbon Tetrachloride	< 0.5	µg/L		0.5	mtk	11/4/2017
Chlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Chloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Chloroform	< 0.5	µg/L		0.5	mtk	11/4/2017
Chloromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Chlorotoluene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,4-Chlorotoluene	< 0.5	µg/L		0.5	mtk	11/4/2017
Dibromochloromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dibromo-3-chloropropane (DBCP)	< 0.5	µg/L		0.5	mtk	11/4/2017
Ethylene Dibromide (EDB)	< 0.5	µg/L		0.5	mtk	11/4/2017
Dibromomethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,3-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,4-Dichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
trans-1,4-Dichloro-2-butene	< 0.5	µg/L		0.5	mtk	11/4/2017
Dichlorodifluoromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1-Dichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1-Dichloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
cis-1,2-Dichloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
trans-1,2-Dichloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2-Dichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,3-Dichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
2,2-Dichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1-Dichloropropylene	< 0.5	µg/L		0.5	mtk	11/4/2017

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NA = not analyzed

Lab Sample ID: 17102617-022

Client Sample ID: 1376341

Site: Monitoring Well Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal. Date
cis-1,3-Dichloropropylene	< 0.5	µg/L		0.5	mtk	11/4/2017
trans-1,3-Dichloropropylene	< 0.5	µg/L		0.5	mtk	11/4/2017
Ethylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Hexachlorobutadiene	< 0.4	µg/L		0.4	mtk	11/4/2017
2-Hexanone	< 1.0	µg/L		1.0	mtk	11/4/2017
Isopropylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
p-Isopropyltoluene	< 0.5	µg/L		0.5	mtk	11/4/2017
Methylene chloride	< 1.0	µg/L		1.0	mtk	11/4/2017
Methyl iso-butyl ketone	< 2.0	µg/L		2.0	mtk	11/4/2017
Methyl tert-butyl ether	< 0.5	µg/L		0.5	mtk	11/4/2017
Naphthalene	< 0.5	µg/L		0.5	mtk	11/4/2017
n-Propylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Styrene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,1,2-Tetrachloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,2,2-Tetrachloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Tetrachloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
Tetrahydrofuran	< 0.5	µg/L		0.5	mtk	11/4/2017
Toluene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,3-Trichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,4-Trichlorobenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,1-Trichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,1,2-Trichloroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
Trichloroethylene	< 0.5	µg/L		0.5	mtk	11/4/2017
Trichlorofluoromethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,3-Trichloropropane	< 0.5	µg/L		0.5	mtk	11/4/2017
Trichlorotrifluoroethane	< 0.5	µg/L		0.5	mtk	11/4/2017
1,2,4-Trimethylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
1,3,5-Trimethylbenzene	< 0.5	µg/L		0.5	mtk	11/4/2017
Vinyl chloride	< 0.5	µg/L		0.5	mtk	11/4/2017
Xylenes (Total)	< 1.0	µg/L		1.0	mtk	11/4/2017

Method SW-846 8270D

QCBatchID: QC1711072

Prep Method: SW-846 3510C

Prep Batch: PB17103102

PrepDate: 10/30/2017

Acenaphthene	< 1.1	µg/L		1.1	lwa	11/6/2017
Acenaphthylene	< 1.1	µg/L		1.1	lwa	11/6/2017
Anthracene	< 1.1	µg/L		1.1	lwa	11/6/2017
Benzo(a)anthracene	< 1.1	µg/L		1.1	lwa	11/6/2017
Benzo(b)fluoranthene	< 1.1	µg/L		1.1	lwa	11/6/2017
Benzo(k)fluoranthene	< 1.1	µg/L		1.1	lwa	11/6/2017
Benzo(ghi)perylene	< 1.1	µg/L		1.1	lwa	11/6/2017
Benzo(a)pyrene	< 1.1	µg/L		1.1	lwa	11/6/2017
Chrysene	< 1.1	µg/L		1.1	lwa	11/6/2017
Carbazole	< 1.1	µg/L		1.1	lwa	11/6/2017
Dibenzo(a,h)anthracene	< 1.1	µg/L		1.1	lwa	11/6/2017
Fluoranthene	< 1.1	µg/L		1.1	lwa	11/6/2017
Fluorene	< 1.1	µg/L		1.1	lwa	11/6/2017

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NA = not analyzed

Lab Sample ID: 17102617-022

Client Sample ID: 1376341

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep.Limit	Analyst	Anal. Date
Indeno(1,2,3-cd)pyrene	< 1.1	µg/L		1.1	lwa	11/6/2017
Naphthalene	< 1.1	µg/L		1.1	lwa	11/6/2017
Phenanthrene	< 1.1	µg/L		1.1	lwa	11/6/2017
Pyrene	< 1.1	µg/L		1.1	lwa	11/6/2017
2-Methylnaphthalene	< 1.1	µg/L		1.1	lwa	11/6/2017

Lab Sample ID: 17102617-023

Client Sample ID: 1376341uf

Site: Monitoring Well
Sample

Matrix: Groundwater

Collection Date: 10/26/2017

Analyte	Result	Units	Qual	Rep Limit	Analyst	Anal Date
Method SW-846 6010C						
QCBatchID: QC1710512						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Barium	< 0.010	mg/L		0.010	jm	10/31/2017
Chromium, Total	< 0.005	mg/L		0.005	jm	10/31/2017
Copper	< 0.005	mg/L		0.005	jm	10/31/2017
Zinc	< 0.010	mg/L		0.010	jm	10/31/2017
QCBatchID: QC1711038						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Beryllium	< 0.001	mg/L		0.001	jm	10/31/2017
Vanadium	< 0.005	mg/L		0.005	jm	10/31/2017
Method SW-846 6020B						
QCBatchID: QC1710509						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Arsenic	< 0.0010	mg/L		0.0010	jm	10/31/2017
Cadmium	< 0.0001	mg/L		0.0001	jm	10/31/2017
Lead	< 0.0010	mg/L		0.0010	jm	10/31/2017
Nickel	< 0.001	mg/L		0.001	jm	10/31/2017
Selenium	< 0.001	mg/L		0.001	jm	10/31/2017
Silver	< 0.0005	mg/L		0.0005	jm	10/31/2017
QCBatchID: QC1711037						
Prep Method: SW-846 3005A Prep Batch: PB17103003 PrepDate: 10/30/2017						
Antimony	< 0.0010	mg/L		0.0010	jm	10/31/2017
Thallium	< 0.0010	mg/L		0.0010	jm	10/31/2017
Method SW-846 7470A						
QCBatchID: QC1710506						
Prep Batch: PB17103002 PrepDate: 10/30/2017						
Mercury	< 0.0002	mg/L		0.0002	jm	10/31/2017

QCBatch and Prep Batch Association

Method CT eTPH

QCBatchID: QC1711022

Lab Sample ID	Client Sample ID	Prep Batch
17102617-001	1376342	PB17102607
17102617-002	1376343	
17102617-003	1376344	
17102617-004	1376345	
17102617-005	1376346	

QCBatchID: QC1711032

Lab Sample ID	Client Sample ID	Prep Batch
17102617-008	1376352	PB17110202
17102617-010	1376351	
17102617-012	1376353	
17102617-014	1376354	
17102617-016	1376355	
17102617-020	1376356	
17102617-022	1376341	

Method SM 2540G

QCBatchID: QC1710492

Lab Sample ID	Client Sample ID
17102617-001	1376342
17102617-002	1376343
17102617-003	1376344
17102617-004	1376345
17102617-005	1376346
17102617-006	1376347
17102617-007	1376348

Method SW-846 6010C

QCBatchID: QC1710487

Lab Sample ID	Client Sample ID	Prep Batch
17102617-001	1376342	PB17103001
17102617-002	1376343	
17102617-003	1376344	
17102617-004	1376345	
17102617-005	1376346	
17102617-006	1376347	
17102617-007	1376348	

QCBatchID: QC1710512

Lab Sample ID	Client Sample ID	Prep Batch
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NA = not analyzed

17102617-009	1376352uf	PB17103003
17102617-011	1376351uf	
17102617-013	1376353uf	
17102617-015	1376354uf	
17102617-017	1376355uf	
17102617-021	1376356uf	
17102617-023	1376341uf	

QCBatchID: QC1711038

Lab Sample ID	Client Sample ID	Prep Batch
17102617-009	1376352uf	PB17103003
17102617-011	1376351uf	
17102617-013	1376353uf	
17102617-015	1376354uf	
17102617-017	1376355uf	
17102617-021	1376356uf	
17102617-023	1376341uf	

QCBatchID: QC1711039

Lab Sample ID	Client Sample ID	Prep Batch
17102617-001	1376342	PB17103001
17102617-002	1376343	
17102617-003	1376344	
17102617-004	1376345	
17102617-005	1376346	

Method SW-846 6020B

QCBatchID: QC1710509

Lab Sample ID	Client Sample ID	Prep Batch
17102617-009	1376352uf	PB17103003
17102617-011	1376351uf	
17102617-013	1376353uf	
17102617-015	1376354uf	
17102617-017	1376355uf	
17102617-021	1376356uf	
17102617-023	1376341uf	

QCBatchID: QC1711037

Lab Sample ID	Client Sample ID	Prep Batch
17102617-009	1376352uf	PB17103003
17102617-011	1376351uf	
17102617-013	1376353uf	
17102617-015	1376354uf	
17102617-017	1376355uf	
17102617-021	1376356uf	
17102617-023	1376341uf	

QCBatchID: QC1711064

Lab Sample ID	Client Sample ID	Prep Batch
17102617-001	1376342	PB17103001
17102617-002	1376343	
17102617-003	1376344	

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NA = not analyzed

17102617-004 1376345
 17102617-005 1376346

Method SW-846 7470A

QCBatchID: QC1710506

Lab Sample ID	Client Sample ID	Prep Batch
17102617-009	1376352uf	PB17103002
17102617-011	1376351uf	
17102617-013	1376353uf	
17102617-015	1376354uf	
17102617-017	1376355uf	
17102617-021	1376356uf	
17102617-023	1376341uf	

Method SW-846 7471B

QCBatchID: QC1711016

Lab Sample ID	Client Sample ID	Prep Batch
17102617-001	1376342	PB17103106
17102617-002	1376343	
17102617-003	1376344	
17102617-004	1376345	
17102617-005	1376346	

Method SW-846 8260C

QCBatchID: QC1711004

Lab Sample ID	Client Sample ID
17102617-001	1376342
17102617-002	1376343
17102617-003	1376344
17102617-004	1376345
17102617-005	1376346
17102617-018	1376349

QCBatchID: QC1711119

Lab Sample ID	Client Sample ID
17102617-019	1376350

QCBatchID: QC1711120

Lab Sample ID	Client Sample ID
17102617-008	1376352
17102617-010	1376351
17102617-012	1376353
17102617-014	1376354
17102617-016	1376355
17102617-020	1376356
17102617-022	1376341

QCBatchID: QC1711124

Lab Sample ID	Client Sample ID
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NA = not analyzed

17102617-016A

1376355

Method SW-846 8270D

QCBatchID: QC1711057

Lab Sample ID	Client Sample ID	Prep Batch
17102617-008	1376352	PB17103102
17102617-010	1376351	
17102617-012	1376353	
17102617-014	1376354	
17102617-016	1376355	

QCBatchID: QC1711072

Lab Sample ID	Client Sample ID	Prep Batch
17102617-020	1376356	PB17103102
17102617-022	1376341	

QCBatchID: QC1711079

Lab Sample ID	Client Sample ID	Prep Batch
17102617-001	1376342	PB17102605
17102617-002	1376343	
17102617-003	1376344	
17102617-004	1376345	
17102617-005	1376346	

Surrogates

<u>OrderID / QCBatchID</u>	<u>Sample Number / QC I</u>	<u>Method</u>	<u>Surrogate</u>	<u>% Recovery</u>	<u>Control Limits</u>
17102617	17102617-001	CT eTPH	o-Terphenyl	86.60	50 - 150
	17102617-001	SW-846 8260C	BFB	89.90	70 - 130
	17102617-001	SW-846 8260C	DBFM	110.25	70 - 130
	17102617-001	SW-846 8260C	Toluene-d8	92.13	70 - 130
	17102617-001	SW-846 8270D	2-Fluorobiphenyl	68.42	30 - 130
	17102617-001	SW-846 8270D	Nitrobenzene-d8	76.12	30 - 130
	17102617-001	SW-846 8270D	Terphenyl-d14	119.48	30 - 130
	17102617-002	CT eTPH	o-Terphenyl	75.80	50 - 150
	17102617-002	SW-846 8260C	BFB	93.44	70 - 130
	17102617-002	SW-846 8260C	DBFM	109.34	70 - 130
	17102617-002	SW-846 8260C	Toluene-d8	94.12	70 - 130
	17102617-002	SW-846 8270D	2-Fluorobiphenyl	117.58	30 - 130
	17102617-002	SW-846 8270D	Nitrobenzene-d8	120.08	30 - 130
	17102617-002	SW-846 8270D	Terphenyl-d14	107.86	30 - 130
	17102617-003	CT eTPH	o-Terphenyl	95.60	50 - 150
	17102617-003	SW-846 8260C	BFB	1841.04	70 - 130
	17102617-003	SW-846 8260C	DBFM	102.14	70 - 130
	17102617-003	SW-846 8260C	Toluene-d8	87.58	70 - 130
	17102617-003	SW-846 8270D	2-Fluorobiphenyl	82.18	30 - 130
	17102617-003	SW-846 8270D	Nitrobenzene-d8	110.94	30 - 130
	17102617-003	SW-846 8270D	Terphenyl-d14	92.32	30 - 130
	17102617-004	CT eTPH	o-Terphenyl	85.40	50 - 150
	17102617-004	SW-846 8260C	BFB	1007.29	70 - 130
	17102617-004	SW-846 8260C	DBFM	90.33	70 - 130
	17102617-004	SW-846 8260C	Toluene-d8	102.69	70 - 130
	17102617-004	SW-846 8270D	2-Fluorobiphenyl	71.76	30 - 130
	17102617-004	SW-846 8270D	Nitrobenzene-d8	108.18	30 - 130
	17102617-004	SW-846 8270D	Terphenyl-d14	109.40	30 - 130
	17102617-005	CT eTPH	o-Terphenyl	82.80	50 - 150
	17102617-005	SW-846 8260C	BFB	103.89	70 - 130
	17102617-005	SW-846 8260C	DBFM	90.61	70 - 130
	17102617-005	SW-846 8260C	Toluene-d8	94.75	70 - 130
	17102617-005	SW-846 8270D	2-Fluorobiphenyl	101.72	30 - 130
	17102617-005	SW-846 8270D	Nitrobenzene-d8	110.52	30 - 130
	17102617-005	SW-846 8270D	Terphenyl-d14	117.34	30 - 130
	17102617-008	CT eTPH	o-Terphenyl	80.00	50 - 150
	17102617-008	SW-846 8260C	BFB	89.15	70 - 130
	17102617-008	SW-846 8260C	DBFM	106.64	70 - 130
	17102617-008	SW-846 8260C	Toluene-d8	96.12	70 - 130
	17102617-008	SW-846 8270D	2-Fluorobiphenyl	62.44	30 - 130
	17102617-008	SW-846 8270D	Nitrobenzene-d8	55.32	30 - 130
	17102617-008	SW-846 8270D	Terphenyl-d14	114.90	30 - 130

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NA = not analyzed

Surrogates

OrderID / QCBatchID	Sample Number / QC I	Method	Surrogate	% Recovery	Control Limits
17102617-010		CT eTPH	o-Terphenyl	68.80	50 - 150
17102617-010		SW-846 8260C	BFB	89.36	70 - 130
17102617-010		SW-846 8260C	DBFM	108.12	70 - 130
17102617-010		SW-846 8260C	Toluene-d8	96.56	70 - 130
17102617-010		SW-846 8270D	2-Fluorobiphenyl	93.40	30 - 130
17102617-010		SW-846 8270D	Nitrobenzene-d8	62.66	30 - 130
17102617-010		SW-846 8270D	Terphenyl-d14	103.98	30 - 130
17102617-012		CT eTPH	o-Terphenyl	88.80	50 - 150
17102617-012		SW-846 8260C	BFB	89.89	70 - 130
17102617-012		SW-846 8260C	DBFM	105.76	70 - 130
17102617-012		SW-846 8260C	Toluene-d8	97.74	70 - 130
17102617-012		SW-846 8270D	2-Fluorobiphenyl	95.30	30 - 130
17102617-012		SW-846 8270D	Nitrobenzene-d8	80.46	30 - 130
17102617-012		SW-846 8270D	Terphenyl-d14	120.46	30 - 130
17102617-014		CT eTPH	o-Terphenyl	81.20	50 - 150
17102617-014		SW-846 8260C	BFB	90.26	70 - 130
17102617-014		SW-846 8260C	DBFM	109.51	70 - 130
17102617-014		SW-846 8260C	Toluene-d8	97.36	70 - 130
17102617-014		SW-846 8270D	2-Fluorobiphenyl	82.46	30 - 130
17102617-014		SW-846 8270D	Nitrobenzene-d8	66.48	30 - 130
17102617-014		SW-846 8270D	Terphenyl-d14	124.24	30 - 130
17102617-016		CT eTPH	o-Terphenyl	64.60	50 - 150
17102617-016		SW-846 8260C	BFB	91.55	70 - 130
17102617-016		SW-846 8260C	DBFM	108.11	70 - 130
17102617-016		SW-846 8260C	Toluene-d8	97.86	70 - 130
17102617-016		SW-846 8270D	2-Fluorobiphenyl	60.64	30 - 130
17102617-016		SW-846 8270D	Nitrobenzene-d8	55.08	30 - 130
17102617-016		SW-846 8270D	Terphenyl-d14	66.86	30 - 130
17102617-016A		SW-846 8260C	BFB	91.61	70 - 130
17102617-016A		SW-846 8260C	DBFM	102.77	70 - 130
17102617-016A		SW-846 8260C	Toluene-d8	92.76	70 - 130
17102617-018		SW-846 8260C	BFB	101.44	70 - 130
17102617-018		SW-846 8260C	DBFM	88.00	70 - 130
17102617-018		SW-846 8260C	Toluene-d8	93.19	70 - 130
17102617-019		SW-846 8260C	BFB	89.93	70 - 130
17102617-019		SW-846 8260C	DBFM	116.53	70 - 130
17102617-019		SW-846 8260C	Toluene-d8	98.09	70 - 130
17102617-020		CT eTPH	o-Terphenyl	66.20	50 - 150
17102617-020		SW-846 8260C	BFB	89.27	70 - 130
17102617-020		SW-846 8260C	DBFM	107.52	70 - 130
17102617-020		SW-846 8260C	Toluene-d8	94.48	70 - 130
17102617-020		SW-846 8270D	2-Fluorobiphenyl	66.68	30 - 130

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NA = not analyzed

Surrogates

<u>OrderID / QCBatchID</u>	<u>Sample Number / QC I</u>	<u>Method</u>	<u>Surrogate</u>	<u>% Recovery</u>	<u>Control Limits</u>
	17102617-020	SW-846 8270D	Nitrobenzene-d8	37.60	30 - 130
	17102617-020	SW-846 8270D	Terphenyl-d14	115.22	30 - 130
	17102617-022	CT eTPH	o-Terphenyl	73.20	50 - 150
	17102617-022	SW-846 8260C	BFB	85.12	70 - 130
	17102617-022	SW-846 8260C	DBFM	109.18	70 - 130
	17102617-022	SW-846 8260C	Toluene-d8	96.62	70 - 130
	17102617-022	SW-846 8270D	2-Fluorobiphenyl	76.82	30 - 130
	17102617-022	SW-846 8270D	Nitrobenzene-d8	41.80	30 - 130
	17102617-022	SW-846 8270D	Terphenyl-d14	129.46	30 - 130

Surrogates

<u>OrderID / QCBatchID</u>	<u>Sample Number / QC I</u>	<u>Method</u>	<u>Surrogate</u>	<u>% Recovery</u>	<u>Control Limits</u>
QC1711004	Blank 1	SW-846 8260C	BFB	92.19	70 - 130
	Blank 1	SW-846 8260C	DBFM	101.67	70 - 130
	Blank 1	SW-846 8260C	Toluene-d8	93.28	70 - 130
	LCS 1	SW-846 8260C	BFB	99.90	70 - 130
	LCS 1	SW-846 8260C	DBFM	87.83	70 - 130
	LCS 1	SW-846 8260C	Toluene-d8	97.75	70 - 130
	LCSD 1	SW-846 8260C	BFB	101.19	70 - 130
	LCSD 1	SW-846 8260C	DBFM	86.53	70 - 130
	LCSD 1	SW-846 8260C	Toluene-d8	96.25	70 - 130

Surrogates

<u>OrderID / QCBatchID</u>	<u>Sample Number / QC I</u>	<u>Method</u>	<u>Surrogate</u>	<u>% Recovery</u>	<u>Control Limits</u>
QC1711022	MS 1	CT eTPH	o-Terphenyl	93.60	50 - 150
	MSD 1	CT eTPH	o-Terphenyl	75.00	50 - 150

Surrogates

<u>OrderID / QCBatchID</u>	<u>Sample Number / QC I</u>	<u>Method</u>	<u>Surrogate</u>	<u>% Recovery</u>	<u>Control Limits</u>
QC1711119	Blank 1	SW-846 8260C	BFB	91.15	70 - 130
	Blank 1	SW-846 8260C	DBFM	113.38	70 - 130
	Blank 1	SW-846 8260C	Toluene-d8	98.83	70 - 130
	LCS 1	SW-846 8260C	BFB	101.36	70 - 130
	LCS 1	SW-846 8260C	DBFM	116.21	70 - 130
	LCS 1	SW-846 8260C	Toluene-d8	107.44	70 - 130
	LCSD 1	SW-846 8260C	BFB	99.58	70 - 130
	LCSD 1	SW-846 8260C	DBFM	109.13	70 - 130
	LCSD 1	SW-846 8260C	Toluene-d8	102.60	70 - 130

Surrogates

OrderID / QCBatchID	Sample Number / QC I	Method	Surrogate	% Recovery	Control Limits
QC1711120	Blank 1	SW-846 8260C	BFB	91.63	70 - 130
	Blank 1	SW-846 8260C	DBFM	101.96	70 - 130
	Blank 1	SW-846 8260C	Toluene-d8	95.09	70 - 130
	LCS 1	SW-846 8260C	BFB	99.58	70 - 130
	LCS 1	SW-846 8260C	DBFM	102.27	70 - 130
	LCS 1	SW-846 8260C	Toluene-d8	102.81	70 - 130
	LCS D 1	SW-846 8260C	BFB	100.29	70 - 130
	LCS D 1	SW-846 8260C	DBFM	103.11	70 - 130
	LCS D 1	SW-846 8260C	Toluene-d8	103.56	70 - 130

Surrogates

OrderID / QCBatchID	Sample Number / QC I	Method	Surrogate	% Recovery	Control Limits
QC1711124	Blank 1	SW-846 8260C	BFB	93.02	70 - 130
	Blank 1	SW-846 8260C	DBFM	104.99	70 - 130
	Blank 1	SW-846 8260C	Toluene-d8	93.63	70 - 130
	LCS 1	SW-846 8260C	BFB	102.50	70 - 130
	LCS 1	SW-846 8260C	DBFM	103.14	70 - 130
	LCS 1	SW-846 8260C	Toluene-d8	104.88	70 - 130
	LCS D 1	SW-846 8260C	BFB	100.18	70 - 130
	LCS D 1	SW-846 8260C	DBFM	101.61	70 - 130
	LCS D 1	SW-846 8260C	Toluene-d8	105.46	70 - 130

QC Results

Batch ID	QC ID	Method	Parameter	% Recovery RPD	Control Limits
PB17102607	Blank 1	CT eTPH	eTPH	0.0	-50 - 50
	LFB 1	CT eTPH	eTPH	85.92	60 - 120
PB17103102	Blank 1	SW-846 8270D	2-Methylnapthalene	0.0	-1 - 1
	LFB 1	SW-846 8270D	2-Methylnapthalene	75.44	40 - 140
	LFB 1	SW-846 8270D	Acenaphthene	91.52	40 - 140
	LFB 1	SW-846 8270D	Acenaphthylene	108.24	40 - 140
	LFB 1	SW-846 8270D	Anthracene	106.36	40 - 140
	LFB 1	SW-846 8270D	Benzo(a)anthracene	110.68	40 - 140
	LFB 1	SW-846 8270D	Benzo(a)pyrene	133.72	40 - 140
	LFB 1	SW-846 8270D	Benzo(b)fluoranthene	101.32	40 - 140
	LFB 1	SW-846 8270D	Benzo(ghi)perylene	132.92	40 - 140
	LFB 1	SW-846 8270D	Benzo(k)fluoranthene	101.76	40 - 140
	LFB 1	SW-846 8270D	Carbazole	97.08	40 - 140
	LFB 1	SW-846 8270D	Chrysene	114.36	40 - 140
	LFB 1	SW-846 8270D	Dibenzo(a,h)anthracene	84.92	40 - 140
	LFB 1	SW-846 8270D	Fluoranthene	106.08	40 - 140
	LFB 1	SW-846 8270D	Fluorene	113.68	40 - 140
	LFB 1	SW-846 8270D	Indeno(1,2,3-cd)pyrene	106.0	40 - 140

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	LFB 1	SW-846 8270D	Naphthalene	109.88	40 - 140
	LFB 1	SW-846 8270D	Phenanthrene	65.28	40 - 140
	LFB 1	SW-846 8270D	Pyrene	67.52	40 - 140
PB17110202	Blank 1	CT eTPH	eTPH	0.0	-70 - 70
QC1710487	17102608-004: Spike 1	SW-846 6010C	Arsenic	90.5	75 - 125
	17102608-004: Spike 1	SW-846 6010C	Cadmium	88.6	75 - 125
	17102608-004: Spike 1	SW-846 6010C	Chromium, Total	85.7	75 - 125
	17102608-004: Spike 1	SW-846 6010C	Copper	85.3	75 - 125
	17102608-004: Spike 1	SW-846 6010C	Lead	94.6	75 - 125
	17102608-004: Spike 1	SW-846 6010C	Nickel	88.8	75 - 125
	17102608-004: Spike 1	SW-846 6010C	Zinc	78.0	75 - 125
	17102617-005: MS 1	SW-846 6010C	Arsenic	93.3	75 - 125
	17102617-005: MS 1	SW-846 6010C	Barium	95.1	75 - 125
	17102617-005: MS 1	SW-846 6010C	Cadmium	88.1	75 - 125
	17102617-005: MS 1	SW-846 6010C	Chromium, Total	99.3	75 - 125
	17102617-005: MS 1	SW-846 6010C	Copper	98.1	75 - 125
	17102617-005: MS 1	SW-846 6010C	Lead	93.4	75 - 125
	17102617-005: MS 1	SW-846 6010C	Nickel	93.2	75 - 125
	17102617-005: MS 1	SW-846 6010C	Selenium	93.6	75 - 125
	17102617-005: MS 1	SW-846 6010C	Silver	93.0	75 - 125
	17102617-005: MS 1	SW-846 6010C	Zinc	96.5	75 - 125
	17102617-005: MSD 1	SW-846 6010C	Arsenic	93.7	75 - 125
	17102617-005: MSD 1	SW-846 6010C	Arsenic	0.896	0 - 35
	17102617-005: MSD 1	SW-846 6010C	Barium	5.9	0 - 35
	17102617-005: MSD 1	SW-846 6010C	Barium	72.8	75 - 125
	17102617-005: MSD 1	SW-846 6010C	Cadmium	0.199	0 - 35

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	17102617-005: MSD 1	SW-846 6010C	Cadmium	87.8	75 - 125
	17102617-005: MSD 1	SW-846 6010C	Chromium, Total	0.775	0 - 35
	17102617-005: MSD 1	SW-846 6010C	Chromium, Total	97.9	75 - 125
	17102617-005: MSD 1	SW-846 6010C	Copper	3.37	0 - 35
	17102617-005: MSD 1	SW-846 6010C	Copper	93.6	75 - 125
	17102617-005: MSD 1	SW-846 6010C	Lead	94.1	75 - 125
	17102617-005: MSD 1	SW-846 6010C	Lead	1.14	0 - 35
	17102617-005: MSD 1	SW-846 6010C	Nickel	0.172	0 - 35
	17102617-005: MSD 1	SW-846 6010C	Nickel	92.5	75 - 125
	17102617-005: MSD 1	SW-846 6010C	Selenium	0.326	0 - 35
	17102617-005: MSD 1	SW-846 6010C	Selenium	93.4	75 - 125
	17102617-005: MSD 1	SW-846 6010C	Silver	0.112	0 - 35
	17102617-005: MSD 1	SW-846 6010C	Silver	92.6	75 - 125
	17102617-005: MSD 1	SW-846 6010C	Zinc	1.83	0 - 35
	17102617-005: MSD 1	SW-846 6010C	Zinc	92.1	75 - 125
	LFB 1	SW-846 6010C	Arsenic	92.8	85 - 115
	LFB 1	SW-846 6010C	Barium	92.6	85 - 115
	LFB 1	SW-846 6010C	Cadmium	85.1	85 - 115
	LFB 1	SW-846 6010C	Chromium, Total	96.0	85 - 115
	LFB 1	SW-846 6010C	Copper	89.7	85 - 115
	LFB 1	SW-846 6010C	Lead	91.2	85 - 115
	LFB 1	SW-846 6010C	Nickel	91.7	85 - 115
	LFB 1	SW-846 6010C	Selenium	92.3	85 - 115
	LFB 1	SW-846 6010C	Silver	94.1	85 - 115
	LFB 1	SW-846 6010C	Zinc	92.8	85 - 115
	LRB 1	SW-846 6010C	Arsenic	0.0	-0.01 - 0.01
	LRB 1	SW-846 6010C	Barium	0.011	-0.01 - 0.01
	LRB 1	SW-846 6010C	Cadmium	0.0	-0.002 - 0.002
	LRB 1	SW-846 6010C	Chromium, Total	0.0	-0.005 - 0.005
	LRB 1	SW-846 6010C	Copper	0.006	-0.005 - 0.005
	LRB 1	SW-846 6010C	Lead	-0.005	-0.01 - 0.01
	LRB 1	SW-846 6010C	Nickel	-0.001	-0.01 - 0.01
	LRB 1	SW-846 6010C	Selenium	-0.003	-0.01 - 0.01

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	LRB 1	SW-846 6010C	Silver	0.001	-0.005 - 0.005
	LRB 1	SW-846 6010C	Zinc	0.01	-0.01 - 0.01
QC1710492	17102701-003: Duplicate 1	SM 2540G	Total Solids, Percent	1.9	0 - 5
QC1710506	17102617-013: MS 1	SW-846 7470A	Mercury	102.0	75 - 125
	17102617-013: MSD 1	SW-846 7470A	Mercury	0.0	0 - 20
	17102617-013: MSD 1	SW-846 7470A	Mercury	102.0	75 - 125
	LFB 1	SW-846 7470A	Mercury	102.0	85 - 115
	LRB 1	SW-846 7470A	Mercury	0.0	-0.0002 - 0.0002
QC1710509	17102617-011: MS 1	SW-846 6020B	Arsenic	98.8	75 - 125
	17102617-011: MS 1	SW-846 6020B	Cadmium	97.5	75 - 125
	17102617-011: MS 1	SW-846 6020B	Lead	90.1	75 - 125
	17102617-011: MS 1	SW-846 6020B	Nickel	97.2	75 - 125
	17102617-011: MS 1	SW-846 6020B	Selenium	95.2	75 - 125
	17102617-011: MS 1	SW-846 6020B	Silver	90.6	75 - 125
	17102617-011: MSD 1	SW-846 6020B	Arsenic	0.526	0 - 20
	17102617-011: MSD 1	SW-846 6020B	Arsenic	98.2	75 - 125
	17102617-011: MSD 1	SW-846 6020B	Cadmium	1.16	0 - 20
	17102617-011: MSD 1	SW-846 6020B	Cadmium	96.4	75 - 125
	17102617-011: MSD 1	SW-846 6020B	Lead	87.4	75 - 125
	17102617-011: MSD 1	SW-846 6020B	Lead	2.84	0 - 20
	17102617-011: MSD 1	SW-846 6020B	Nickel	95.9	75 - 125
	17102617-011: MSD 1	SW-846 6020B	Nickel	1.23	0 - 20
	17102617-011: MSD 1	SW-846 6020B	Selenium	2.66	0 - 20
	17102617-011: MSD 1	SW-846 6020B	Selenium	98.0	75 - 125
	17102617-011: MSD 1	SW-846 6020B	Silver	0.212	0 - 20
	17102617-011: MSD 1	SW-846 6020B	Silver	90.4	75 - 125
	LFB 1	SW-846 6020B	Arsenic	97.9	85 - 115

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	LFB 1	SW-846 6020B	Cadmium	98.0	85 - 115
	LFB 1	SW-846 6020B	Lead	96.6	85 - 115
	LFB 1	SW-846 6020B	Nickel	96.6	85 - 115
	LFB 1	SW-846 6020B	Selenium	103.0	85 - 115
	LFB 1	SW-846 6020B	Silver	96.1	85 - 115
	LRB 1	SW-846 6020B	Arsenic	0.0	-1 - 1
	LRB 1	SW-846 6020B	Cadmium	0.0	-0.5 - 0.5
	LRB 1	SW-846 6020B	Lead	0.0	-1 - 1
	LRB 1	SW-846 6020B	Nickel	0.0	-1 - 1
	LRB 1	SW-846 6020B	Selenium	0.0	-1 - 1
	LRB 1	SW-846 6020B	Silver	0.0	-0.5 - 0.5
QC1710512	17102617-011: MS 1	SW-846 6010C	Barium	101.0	75 - 125
	17102617-011: MS 1	SW-846 6010C	Chromium, Total	93.3	75 - 125
	17102617-011: MS 1	SW-846 6010C	Copper	101.0	75 - 125
	17102617-011: MS 1	SW-846 6010C	Zinc	92.2	75 - 125
	17102617-011: MSD 1	SW-846 6010C	Barium	5.84	0 - 20
	17102617-011: MSD 1	SW-846 6010C	Barium	89.6	75 - 125
	17102617-011: MSD 1	SW-846 6010C	Chromium, Total	5.47	0 - 20
	17102617-011: MSD 1	SW-846 6010C	Chromium, Total	88.3	75 - 125
	17102617-011: MSD 1	SW-846 6010C	Copper	5.53	0 - 20
	17102617-011: MSD 1	SW-846 6010C	Copper	95.3	75 - 125
	17102617-011: MSD 1	SW-846 6010C	Zinc	89.3	75 - 125
	17102617-011: MSD 1	SW-846 6010C	Zinc	3.16	0 - 20
	LFB 1	SW-846 6010C	Barium	93.1	85 - 115
	LFB 1	SW-846 6010C	Chromium, Total	102.0	85 - 115
	LFB 1	SW-846 6010C	Copper	97.7	85 - 115
	LFB 1	SW-846 6010C	Zinc	98.9	85 - 115
	LRB 1	SW-846 6010C	Barium	0.0	-0.01 - 0.01
	LRB 1	SW-846 6010C	Chromium, Total	0.0	-0.005 - 0.005
	LRB 1	SW-846 6010C	Copper	0.0	-0.005 - 0.005
	LRB 1	SW-846 6010C	Zinc	0.0	-0.01 - 0.01
QC1711004	Blank 1	SW-846 8260C	1,1,1,2-Tetrachloroethane	0.0	-5 - 5
	Blank 1	SW-846 8260C	1,1,1-Trichloroethane	0.0	-5 - 5
	Blank 1	SW-846 8260C	1,1,2,2-Tetrachloroethane	0.0	-5 - 5
	Blank 1	SW-846 8260C	1,1,2-Trichloroethane	0.0	-5 - 5

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	Blank 1	SW-846 8260C	1,1-Dichloroethane	0.0	-5 - 5
	Blank 1	SW-846 8260C	1,1-Dichloroethylene	0.0	-5 - 5
	Blank 1	SW-846 8260C	1,1-Dichloropropylene	0.0	-5 - 5
	Blank 1	SW-846 8260C	1,2,3-Trichlorobenzene	0.0	-5 - 5
	Blank 1	SW-846 8260C	1,2,3-Trichloropropane	0.0	-5 - 5
	Blank 1	SW-846 8260C	1,2,4-Trichlorobenzene	0.0	-5 - 5
	Blank 1	SW-846 8260C	1,2,4-Trimethylbenzene	0.0	-5 - 5
	Blank 1	SW-846 8260C	1,2-Chlorotoluene	0.0	-5 - 5
	Blank 1	SW-846 8260C	1,2-Dibromo-3-chloropropane (DBCP)	0.0	-5 - 5
	Blank 1	SW-846 8260C	1,2-Dichlorobenzene	0.0	-5 - 5
	Blank 1	SW-846 8260C	1,2-Dichloroethane	0.0	-5 - 5
	Blank 1	SW-846 8260C	1,2-Dichloropropane	0.0	-5 - 5
	Blank 1	SW-846 8260C	1,3,5-Trimethylbenzene	0.0	-5 - 5
	Blank 1	SW-846 8260C	1,3-Dichlorobenzene	0.0	-5 - 5
	Blank 1	SW-846 8260C	1,3-Dichloropropane	0.0	-5 - 5
	Blank 1	SW-846 8260C	1,4-Chlorotoluene	0.0	-5 - 5
	Blank 1	SW-846 8260C	1,4-Dichlorobenzene	0.0	-5 - 5
	Blank 1	SW-846 8260C	2,2-Dichloropropane	0.0	-5 - 5
	Blank 1	SW-846 8260C	2-Hexanone	0.0	-10 - 10
	Blank 1	SW-846 8260C	Acetone	0.0	-50 - 50
	Blank 1	SW-846 8260C	Acrylonitrile	0.0	-5 - 5
	Blank 1	SW-846 8260C	Benzene	0.0	-5 - 5
	Blank 1	SW-846 8260C	Bromobenzene	0.0	-5 - 5
	Blank 1	SW-846 8260C	Bromodichloromethane	0.0	-5 - 5
	Blank 1	SW-846 8260C	Bromoform	0.0	-5 - 5
	Blank 1	SW-846 8260C	Bromomethane	0.0	-5 - 5
	Blank 1	SW-846 8260C	Carbon disulfide	0.0	-5 - 5
	Blank 1	SW-846 8260C	Carbon Tetrachloride	0.0	-5 - 5
	Blank 1	SW-846 8260C	Chlorobenzene	0.0	-5 - 5
	Blank 1	SW-846 8260C	Chloroethane	0.0	-5 - 5
	Blank 1	SW-846 8260C	Chloroform	0.0	-5 - 5
	Blank 1	SW-846 8260C	Chloromethane	0.0	-5 - 5
	Blank 1	SW-846 8260C	cis-1,2-Dichloroethylene	0.0	-5 - 5
	Blank 1	SW-846 8260C	cis-1,3-Dichloropropylene	0.0	-5 - 5
	Blank 1	SW-846 8260C	Dibromochloromethane	0.0	-5 - 5
	Blank 1	SW-846 8260C	Dibromomethane	0.0	-5 - 5
	Blank 1	SW-846 8260C	Dichlorodifluoromethane	0.0	-5 - 5
	Blank 1	SW-846 8260C	Ethylbenzene	0.0	-5 - 5
	Blank 1	SW-846 8260C	Ethylene Dibromide (EDB)	0.0	-5 - 5
	Blank 1	SW-846 8260C	Hexachlorobutadiene	0.0	-5 - 5
	Blank 1	SW-846 8260C	Isopropylbenzene	0.0	-5 - 5
	Blank 1	SW-846 8260C	Methyl ethyl ketone	0.0	-10 - 10
	Blank 1	SW-846 8260C	Methyl iso-butyl ketone	0.0	-10 - 10
	Blank 1	SW-846 8260C	Methyl tert-butyl ether	0.0	-5 - 5

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QC Results

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	Blank 1	SW-846 8260C	Methylene chloride	0.0	-10 - 10
	Blank 1	SW-846 8260C	Naphthalene	0.0	-5 - 5
	Blank 1	SW-846 8260C	n-Butylbenzene	0.0	-5 - 5
	Blank 1	SW-846 8260C	n-Propylbenzene	0.0	-5 - 5
	Blank 1	SW-846 8260C	p-Isopropyltoluene	0.0	-5 - 5
	Blank 1	SW-846 8260C	sec-Butylbenzene	0.0	-5 - 5
	Blank 1	SW-846 8260C	Styrene	0.0	-5 - 5
	Blank 1	SW-846 8260C	tert-Butylbenzene	0.0	-5 - 5
	Blank 1	SW-846 8260C	Tetrachloroethylene	0.0	-5 - 5
	Blank 1	SW-846 8260C	Tetrahydrofuran	0.0	-5 - 5
	Blank 1	SW-846 8260C	Toluene	0.0	-5 - 5
	Blank 1	SW-846 8260C	trans-1,2-Dichloroethylene	0.0	-5 - 5
	Blank 1	SW-846 8260C	trans-1,3-Dichloropropylene	0.0	-5 - 5
	Blank 1	SW-846 8260C	trans-1,4-Dichloro-2-butene	0.0	-5 - 5
	Blank 1	SW-846 8260C	Trichloroethylene	0.0	-5 - 5
	Blank 1	SW-846 8260C	Trichlorofluoromethane	0.0	-5 - 5
	Blank 1	SW-846 8260C	Trichlorotrifluoroethane	0.0	-5 - 5
	Blank 1	SW-846 8260C	Vinyl chloride	0.0	-5 - 5
	Blank 1	SW-846 8260C	Xylenes (Total)	0.0	-15 - 15
	LCS 1	SW-846 8260C	1,1,1,2-Tetrachloroethane	89.4	70 - 130
	LCS 1	SW-846 8260C	1,1,1-Trichloroethane	78.4	70 - 130
	LCS 1	SW-846 8260C	1,1,2,2-Tetrachloroethane	103.0	70 - 130
	LCS 1	SW-846 8260C	1,1,2-Trichloroethane	101.0	70 - 130
	LCS 1	SW-846 8260C	1,1-Dichloroethane	85.8	70 - 130
	LCS 1	SW-846 8260C	1,1-Dichloroethylene	82.9	70 - 130
	LCS 1	SW-846 8260C	1,1-Dichloropropylene	89.9	70 - 130
	LCS 1	SW-846 8260C	1,2,3-Trichlorobenzene	87.5	70 - 130
	LCS 1	SW-846 8260C	1,2,3-Trichloropropane	93.1	70 - 130
	LCS 1	SW-846 8260C	1,2,4-Trichlorobenzene	83.5	70 - 130
	LCS 1	SW-846 8260C	1,2,4-Trimethylbenzene	85.3	70 - 130
	LCS 1	SW-846 8260C	1,2-Chlorotoluene	89.6	70 - 130
	LCS 1	SW-846 8260C	1,2-Dibromo-3-chloropropane (DBCP)	101.0	70 - 130
	LCS 1	SW-846 8260C	1,2-Dichlorobenzene	96.7	70 - 130
	LCS 1	SW-846 8260C	1,2-Dichloroethane	78.5	70 - 130
	LCS 1	SW-846 8260C	1,2-Dichloropropane	97.8	70 - 130
	LCS 1	SW-846 8260C	1,3,5-Trimethylbenzene	87.1	70 - 130
	LCS 1	SW-846 8260C	1,3-Dichlorobenzene	83.5	70 - 130
	LCS 1	SW-846 8260C	1,3-Dichloropropane	100.0	70 - 130
	LCS 1	SW-846 8260C	1,4-Chlorotoluene	85.9	70 - 130
	LCS 1	SW-846 8260C	1,4-Dichlorobenzene	91.2	70 - 130
	LCS 1	SW-846 8260C	2,2-Dichloropropane	78.4	70 - 130
	LCS 1	SW-846 8260C	2-Hexanone	73.1	70 - 130
	LCS 1	SW-846 8260C	Acetone	50.0	70 - 130
	LCS 1	SW-846 8260C	Acrylonitrile	84.5	70 - 130

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QC Results

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	LCS 1	SW-846 8260C	Benzene	98.5	70 - 130
	LCS 1	SW-846 8260C	Bromobenzene	88.3	70 - 130
	LCS 1	SW-846 8260C	Bromodichloromethane	86.7	70 - 130
	LCS 1	SW-846 8260C	Bromoform	81.7	70 - 130
	LCS 1	SW-846 8260C	Bromomethane	64.1	70 - 130
	LCS 1	SW-846 8260C	Carbon disulfide	84.6	70 - 130
	LCS 1	SW-846 8260C	Carbon Tetrachloride	75.0	70 - 130
	LCS 1	SW-846 8260C	Chlorobenzene	94.0	70 - 130
	LCS 1	SW-846 8260C	Chloroethane	82.4	70 - 130
	LCS 1	SW-846 8260C	Chloroform	86.4	70 - 130
	LCS 1	SW-846 8260C	Chloromethane	83.9	70 - 130
	LCS 1	SW-846 8260C	cis-1,2-Dichloroethylene	93.8	70 - 130
	LCS 1	SW-846 8260C	cis-1,3-Dichloropropylene	92.9	70 - 130
	LCS 1	SW-846 8260C	Dibromochloromethane	88.3	70 - 130
	LCS 1	SW-846 8260C	Dibromomethane	91.0	70 - 130
	LCS 1	SW-846 8260C	Dichlorodifluoromethane	72.7	70 - 130
	LCS 1	SW-846 8260C	Ethylbenzene	93.1	70 - 130
	LCS 1	SW-846 8260C	Ethylene Dibromide (EDB)	96.9	70 - 130
	LCS 1	SW-846 8260C	Hexachlorobutadiene	79.3	70 - 130
	LCS 1	SW-846 8260C	Isopropylbenzene	90.9	70 - 130
	LCS 1	SW-846 8260C	Methyl ethyl ketone	65.6	70 - 130
	LCS 1	SW-846 8260C	Methyl iso-butyl ketone	84.3	70 - 130
	LCS 1	SW-846 8260C	Methyl tert-butyl ether	83.1	70 - 130
	LCS 1	SW-846 8260C	Methylene chloride	87.8	70 - 130
	LCS 1	SW-846 8260C	Naphthalene	103.0	70 - 130
	LCS 1	SW-846 8260C	n-Butylbenzene	90.3	70 - 130
	LCS 1	SW-846 8260C	n-Propylbenzene	88.8	70 - 130
	LCS 1	SW-846 8260C	p-Isopropyltoluene	91.2	70 - 130
	LCS 1	SW-846 8260C	sec-Butylbenzene	88.6	70 - 130
	LCS 1	SW-846 8260C	Styrene	92.5	70 - 130
	LCS 1	SW-846 8260C	tert-Butylbenzene	88.1	70 - 130
	LCS 1	SW-846 8260C	Tetrachloroethylene	86.6	70 - 130
	LCS 1	SW-846 8260C	Tetrahydrofuran	84.9	70 - 130
	LCS 1	SW-846 8260C	Toluene	94.7	70 - 130
	LCS 1	SW-846 8260C	trans-1,2-Dichloroethylene	85.4	70 - 130
	LCS 1	SW-846 8260C	trans-1,3-Dichloropropylene	85.5	70 - 130
	LCS 1	SW-846 8260C	trans-1,4-Dichloro-2-butene	73.3	70 - 130
	LCS 1	SW-846 8260C	Trichloroethylene	89.9	70 - 130
	LCS 1	SW-846 8260C	Trichlorofluoromethane	64.6	70 - 130
	LCS 1	SW-846 8260C	Trichlorotrifluoroethane	79.9	70 - 130
	LCS 1	SW-846 8260C	Vinyl chloride	86.3	70 - 130
	LCS 1	SW-846 8260C	Xylenes (Total)	92.0	70 - 130
	LCSD 1	SW-846 8260C	1,1,1,2-Tetrachloroethane	1.01	0 - 35
	LCSD 1	SW-846 8260C	1,1,1,2-Tetrachloroethane	88.5	70 - 130
	LCSD 1	SW-846 8260C	1,1,1-Trichloroethane	3.01	0 - 35

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	LCSD 1	SW-846 8260C	1,1,1-Trichloroethane	76.1	70 - 130
	LCSD 1	SW-846 8260C	1,1,2,2-Tetrachloroethane	4.13	0 - 35
	LCSD 1	SW-846 8260C	1,1,2,2-Tetrachloroethane	108.0	70 - 130
	LCSD 1	SW-846 8260C	1,1,2-Trichloroethane	103.0	70 - 130
	LCSD 1	SW-846 8260C	1,1,2-Trichloroethane	1.76	0 - 35
	LCSD 1	SW-846 8260C	1,1-Dichloroethane	1.24	0 - 35
	LCSD 1	SW-846 8260C	1,1-Dichloroethane	84.7	70 - 130
	LCSD 1	SW-846 8260C	1,1-Dichloroethylene	3.27	0 - 35
	LCSD 1	SW-846 8260C	1,1-Dichloroethylene	80.3	70 - 130
	LCSD 1	SW-846 8260C	1,1-Dichloropropylene	2.13	0 - 35
	LCSD 1	SW-846 8260C	1,1-Dichloropropylene	88.0	70 - 130
	LCSD 1	SW-846 8260C	1,2,3-Trichlorobenzene	89.8	70 - 130
	LCSD 1	SW-846 8260C	1,2,3-Trichlorobenzene	2.62	0 - 35
	LCSD 1	SW-846 8260C	1,2,3-Trichloropropane	5.79	0 - 35
	LCSD 1	SW-846 8260C	1,2,3-Trichloropropane	98.6	70 - 130
	LCSD 1	SW-846 8260C	1,2,4-Trichlorobenzene	1.54	0 - 35
	LCSD 1	SW-846 8260C	1,2,4-Trichlorobenzene	84.8	70 - 130
	LCSD 1	SW-846 8260C	1,2,4-Trimethylbenzene	0.213	0 - 35
	LCSD 1	SW-846 8260C	1,2,4-Trimethylbenzene	85.1	70 - 130
	LCSD 1	SW-846 8260C	1,2-Chlorotoluene	0.799	0 - 35
	LCSD 1	SW-846 8260C	1,2-Chlorotoluene	88.8	70 - 130
	LCSD 1	SW-846 8260C	1,2-Dibromo-3-chloropropane (DBCP)	8.18	0 - 35
	LCSD 1	SW-846 8260C	1,2-Dibromo-3-chloropropane (DBCP)	109.0	70 - 130
	LCSD 1	SW-846 8260C	1,2-Dichlorobenzene	98.5	70 - 130
	LCSD 1	SW-846 8260C	1,2-Dichlorobenzene	1.86	0 - 35
	LCSD 1	SW-846 8260C	1,2-Dichloroethane	0.34	0 - 35
	LCSD 1	SW-846 8260C	1,2-Dichloroethane	78.8	70 - 130
	LCSD 1	SW-846 8260C	1,2-Dichloropropane	2.52	0 - 35
	LCSD 1	SW-846 8260C	1,2-Dichloropropane	95.3	70 - 130
	LCSD 1	SW-846 8260C	1,3,5-Trimethylbenzene	1.17	0 - 35
	LCSD 1	SW-846 8260C	1,3,5-Trimethylbenzene	86.0	70 - 130
	LCSD 1	SW-846 8260C	1,3-Dichlorobenzene	83.9	70 - 130
	LCSD 1	SW-846 8260C	1,3-Dichlorobenzene	0.467	0 - 35
	LCSD 1	SW-846 8260C	1,3-Dichloropropane	103.0	70 - 130
	LCSD 1	SW-846 8260C	1,3-Dichloropropane	2.41	0 - 35
	LCSD 1	SW-846 8260C	1,4-Chlorotoluene	0.192	0 - 35
	LCSD 1	SW-846 8260C	1,4-Chlorotoluene	86.1	70 - 130
	LCSD 1	SW-846 8260C	1,4-Dichlorobenzene	2.22	0 - 35
	LCSD 1	SW-846 8260C	1,4-Dichlorobenzene	93.3	70 - 130
	LCSD 1	SW-846 8260C	2,2-Dichloropropane	2.49	0 - 35
	LCSD 1	SW-846 8260C	2,2-Dichloropropane	76.5	70 - 130
	LCSD 1	SW-846 8260C	2-Hexanone	79.0	70 - 130
	LCSD 1	SW-846 8260C	2-Hexanone	7.88	0 - 35
	LCSD 1	SW-846 8260C	Acetone	6.82	0 - 35

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	LCSD 1	SW-846 8260C	Acetone	53.6	70 - 130
	LCSD 1	SW-846 8260C	Acrylonitrile	8.63	0 - 35
	LCSD 1	SW-846 8260C	Acrylonitrile	92.1	70 - 130
	LCSD 1	SW-846 8260C	Benzene	3.54	0 - 35
	LCSD 1	SW-846 8260C	Benzene	95.0	70 - 130
	LCSD 1	SW-846 8260C	Bromobenzene	0.154	0 - 35
	LCSD 1	SW-846 8260C	Bromobenzene	88.4	70 - 130
	LCSD 1	SW-846 8260C	Bromodichloromethane	1.82	0 - 35
	LCSD 1	SW-846 8260C	Bromodichloromethane	85.1	70 - 130
	LCSD 1	SW-846 8260C	Bromoform	85.4	70 - 130
	LCSD 1	SW-846 8260C	Bromoform	4.43	0 - 35
	LCSD 1	SW-846 8260C	Bromomethane	58.4	70 - 130
	LCSD 1	SW-846 8260C	Bromomethane	9.28	0 - 35
	LCSD 1	SW-846 8260C	Carbon disulfide	4.55	0 - 35
	LCSD 1	SW-846 8260C	Carbon disulfide	80.8	70 - 130
	LCSD 1	SW-846 8260C	Carbon Tetrachloride	3.15	0 - 35
	LCSD 1	SW-846 8260C	Carbon Tetrachloride	72.7	70 - 130
	LCSD 1	SW-846 8260C	Chlorobenzene	1.31	0 - 35
	LCSD 1	SW-846 8260C	Chlorobenzene	92.8	70 - 130
	LCSD 1	SW-846 8260C	Chloroethane	19.7	0 - 35
	LCSD 1	SW-846 8260C	Chloroethane	67.6	70 - 130
	LCSD 1	SW-846 8260C	Chloroform	2.56	0 - 35
	LCSD 1	SW-846 8260C	Chloroform	84.2	70 - 130
	LCSD 1	SW-846 8260C	Chloromethane	75.9	70 - 130
	LCSD 1	SW-846 8260C	Chloromethane	9.94	0 - 35
	LCSD 1	SW-846 8260C	cis-1,2-Dichloroethylene	1.62	0 - 35
	LCSD 1	SW-846 8260C	cis-1,2-Dichloroethylene	92.2	70 - 130
	LCSD 1	SW-846 8260C	cis-1,3-Dichloropropylene	0.38	0 - 35
	LCSD 1	SW-846 8260C	cis-1,3-Dichloropropylene	92.5	70 - 130
	LCSD 1	SW-846 8260C	Dibromochloromethane	89.9	70 - 130
	LCSD 1	SW-846 8260C	Dibromochloromethane	1.75	0 - 35
	LCSD 1	SW-846 8260C	Dibromomethane	0.592	0 - 35
	LCSD 1	SW-846 8260C	Dibromomethane	91.6	70 - 130
	LCSD 1	SW-846 8260C	Dichlorodifluoromethane	2.64	0 - 35
	LCSD 1	SW-846 8260C	Dichlorodifluoromethane	70.8	70 - 130
	LCSD 1	SW-846 8260C	Ethylbenzene	1.29	0 - 35
	LCSD 1	SW-846 8260C	Ethylbenzene	92.0	70 - 130
	LCSD 1	SW-846 8260C	Ethylene Dibromide (EDB)	101.0	70 - 130
	LCSD 1	SW-846 8260C	Ethylene Dibromide (EDB)	4.57	0 - 35
	LCSD 1	SW-846 8260C	Hexachlorobutadiene	0.698	0 - 35
	LCSD 1	SW-846 8260C	Hexachlorobutadiene	79.9	70 - 130
	LCSD 1	SW-846 8260C	Isopropylbenzene	0.47	0 - 35
	LCSD 1	SW-846 8260C	Isopropylbenzene	90.5	70 - 130
	LCSD 1	SW-846 8260C	Methyl ethyl ketone	71.3	70 - 130
	LCSD 1	SW-846 8260C	Methyl ethyl ketone	8.23	0 - 35

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	LCSD 1	SW-846 8260C	Methyl iso-butyl ketone	6.68	0 - 35
	LCSD 1	SW-846 8260C	Methyl iso-butyl ketone	90.1	70 - 130
	LCSD 1	SW-846 8260C	Methyl tert-butyl ether	1.12	0 - 35
	LCSD 1	SW-846 8260C	Methyl tert-butyl ether	84.0	70 - 130
	LCSD 1	SW-846 8260C	Methylene chloride	86.9	70 - 130
	LCSD 1	SW-846 8260C	Methylene chloride	1.12	0 - 35
	LCSD 1	SW-846 8260C	Naphthalene	109.0	70 - 130
	LCSD 1	SW-846 8260C	Naphthalene	5.86	0 - 35
	LCSD 1	SW-846 8260C	n-Butylbenzene	3.62	0 - 35
	LCSD 1	SW-846 8260C	n-Butylbenzene	93.7	70 - 130
	LCSD 1	SW-846 8260C	n-Propylbenzene	0.639	0 - 35
	LCSD 1	SW-846 8260C	n-Propylbenzene	88.3	70 - 130
	LCSD 1	SW-846 8260C	p-Isopropyltoluene	1.35	0 - 35
	LCSD 1	SW-846 8260C	p-Isopropyltoluene	92.4	70 - 130
	LCSD 1	SW-846 8260C	sec-Butylbenzene	0.0462	0 - 35
	LCSD 1	SW-846 8260C	sec-Butylbenzene	88.7	70 - 130
	LCSD 1	SW-846 8260C	Styrene	0.836	0 - 35
	LCSD 1	SW-846 8260C	Styrene	93.3	70 - 130
	LCSD 1	SW-846 8260C	tert-Butylbenzene	0.333	0 - 35
	LCSD 1	SW-846 8260C	tert-Butylbenzene	88.4	70 - 130
	LCSD 1	SW-846 8260C	Tetrachloroethylene	1.58	0 - 35
	LCSD 1	SW-846 8260C	Tetrachloroethylene	85.3	70 - 130
	LCSD 1	SW-846 8260C	Tetrahydrofuran	111.0	70 - 130
	LCSD 1	SW-846 8260C	Tetrahydrofuran	26.9	0 - 35
	LCSD 1	SW-846 8260C	Toluene	91.0	70 - 130
	LCSD 1	SW-846 8260C	Toluene	3.89	0 - 35
	LCSD 1	SW-846 8260C	trans-1,2-Dichloroethylene	2.91	0 - 35
	LCSD 1	SW-846 8260C	trans-1,2-Dichloroethylene	82.9	70 - 130
	LCSD 1	SW-846 8260C	trans-1,3-Dichloropropylene	0.741	0 - 35
	LCSD 1	SW-846 8260C	trans-1,3-Dichloropropylene	86.2	70 - 130
	LCSD 1	SW-846 8260C	trans-1,4-Dichloro-2-butene	80.3	70 - 130
	LCSD 1	SW-846 8260C	trans-1,4-Dichloro-2-butene	9.12	0 - 35
	LCSD 1	SW-846 8260C	Trichloroethylene	2.52	0 - 35
	LCSD 1	SW-846 8260C	Trichloroethylene	87.7	70 - 130
	LCSD 1	SW-846 8260C	Trichlorofluoromethane	6.93	0 - 35
	LCSD 1	SW-846 8260C	Trichlorofluoromethane	60.3	70 - 130
	LCSD 1	SW-846 8260C	Trichlorotrifluoroethane	3.45	0 - 35
	LCSD 1	SW-846 8260C	Trichlorotrifluoroethane	77.2	70 - 130
	LCSD 1	SW-846 8260C	Vinyl chloride	78.5	70 - 130
	LCSD 1	SW-846 8260C	Vinyl chloride	9.54	0 - 35
	LCSD 1	SW-846 8260C	Xylenes (Total)	91.6	70 - 130
	LCSD 1	SW-846 8260C	Xylenes (Total)	0.508	0 - 35
QC1711016	17102617-004: MS 1	SW-846 7471B	Mercury	93.8	75 - 125
	17102617-004: MSD 1	SW-846 7471B	Mercury	92.7	75 - 125

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	17102617-004: MSD 1	SW-846 7471B	Mercury	1.65	0 - 25
	17103101-004: Spike 1	SW-846 7471B	Mercury	95.9	75 - 125
	LFB 1	SW-846 7471B	Mercury	102.0	85 - 115
	LRB 1	SW-846 7471B	Mercury	0.0	-0.0004 - 0.0004
QC1711022	17102608-001: MS 1	CT eTPH	eTPH	68.6	50 - 150
	17102608-001: MSD 1	CT eTPH	eTPH	0.986	0 - 35
	17102608-001: MSD 1	CT eTPH	eTPH	68.0	50 - 150
QC1711037	17102617-011: MS 1	SW-846 6020B	Antimony	106.0	75 - 125
	17102617-011: MS 1	SW-846 6020B	Thallium	76.4	75 - 125
	17102617-011: MSD 1	SW-846 6020B	Antimony	1.04	0 - 20
	17102617-011: MSD 1	SW-846 6020B	Antimony	105.0	75 - 125
	17102617-011: MSD 1	SW-846 6020B	Thallium	0.42	0 - 20
	17102617-011: MSD 1	SW-846 6020B	Thallium	76.8	75 - 125
	LFB 1	SW-846 6020B	Antimony	104.0	85 - 115
	LFB 1	SW-846 6020B	Thallium	92.0	85 - 115
	LRB 1	SW-846 6020B	Antimony	0.0	-1 - 1
	LRB 1	SW-846 6020B	Thallium	0.0003	-1 - 1
QC1711038	17102617-011: MS 1	SW-846 6010C	Beryllium	94.1	75 - 125
	17102617-011: MS 1	SW-846 6010C	Vanadium	94.0	75 - 125
	17102617-011: MSD 1	SW-846 6010C	Beryllium	90.7	75 - 125
	17102617-011: MSD 1	SW-846 6010C	Beryllium	3.73	0 - 20
	17102617-011: MSD 1	SW-846 6010C	Vanadium	3.94	0 - 20
	17102617-011: MSD 1	SW-846 6010C	Vanadium	90.3	75 - 125
	LFB 1	SW-846 6010C	Beryllium	95.8	85 - 115
	LFB 1	SW-846 6010C	Vanadium	95.7	75 - 115
	LRB 1	SW-846 6010C	Beryllium	0.0	-0.001 - 0.001
	LRB 1	SW-846 6010C	Vanadium	0.0	-0.005 - 0.005
QC1711039	17102617-005: MS 1	SW-846 6010C	Beryllium	94.5	75 - 125
	17102617-005: MS 1	SW-846 6010C	Vanadium	94.7	75 - 125

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	17102617-005: MSD 1	SW-846 6010C	Beryllium	0.0508	0 - 30
	17102617-005: MSD 1	SW-846 6010C	Beryllium	94.1	75 - 125
	17102617-005: MSD 1	SW-846 6010C	Vanadium	8.12	0 - 35
	17102617-005: MSD 1	SW-846 6010C	Vanadium	82.8	75 - 125
	LFB 1	SW-846 6010C	Beryllium	93.7	85 - 115
	LFB 1	SW-846 6010C	Vanadium	92.8	85 - 115
	LRB 1	SW-846 6010C	Beryllium	0.0	-0.001 - 0.001
	LRB 1	SW-846 6010C	Vanadium	-0.003	-0.005 - 0.005
QC1711064	17102617-005: MS 1	SW-846 6020B	Antimony	46.8	75 - 125
	17102617-005: MS 1	SW-846 6020B	Thallium	88.6	75 - 125
	17102617-005: MSD 1	SW-846 6020B	Antimony	46.7	75 - 125
	17102617-005: MSD 1	SW-846 6020B	Antimony	0.33	0 - 30
	17102617-005: MSD 1	SW-846 6020B	Thallium	1.11	0 - 30
	17102617-005: MSD 1	SW-846 6020B	Thallium	89.2	75 - 125
	LFB 1	SW-846 6020B	Antimony	100.0	85 - 115
	LFB 1	SW-846 6020B	Thallium	89.6	85 - 115
	LRB 1	SW-846 6020B	Antimony	0.0	-1 - 1
	LRB 1	SW-846 6020B	Thallium	0.0014	-1 - 1
QC1711119	Blank 1	SW-846 8260C	1,1,1,2-Tetrachloroethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,1,1-Trichloroethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,1,2,2-Tetrachloroethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,1,2-Trichloroethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,1-Dichloroethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,1-Dichloroethylene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,1-Dichloropropylene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2,3-Trichlorobenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2,3-Trichloropropane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2,4-Trichlorobenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2,4-Trimethylbenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2-Chlorotoluene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2-Dibromo-3-chloropropane (DBCP)	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2-Dichlorobenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2-Dichloroethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2-Dichloropropane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,3,5-Trimethylbenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,3-Dichlorobenzene	0.0	-0.5 - 0.5

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	Blank 1	SW-846 8260C	1,3-Dichloropropane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,4-Chlorotoluene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,4-Dichlorobenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	2,2-Dichloropropane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	2-Hexanone	0.0	-1 - 1
	Blank 1	SW-846 8260C	Acetone	0.0	-10 - 10
	Blank 1	SW-846 8260C	Acrylonitrile	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Benzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Bromobenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Bromodichloromethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Bromoform	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Bromomethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Carbon disulfide	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Carbon Tetrachloride	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Chlorobenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Chloroethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Chloroform	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Chloromethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	cis-1,2-Dichloroethylene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	cis-1,3-Dichloropropylene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Dibromochloromethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Dibromomethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Dichlorodifluoromethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Ethylbenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Ethylene Dibromide (EDB)	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Hexachlorobutadiene	0.0	-0.4 - 0.4
	Blank 1	SW-846 8260C	Isopropylbenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	m,p-Xylenes	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Methyl ethyl ketone	0.0	-2 - 2
	Blank 1	SW-846 8260C	Methyl iso-butyl ketone	0.0	-2 - 2
	Blank 1	SW-846 8260C	Methyl tert-butyl ether	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Methylene chloride	0.0	-1 - 1
	Blank 1	SW-846 8260C	Naphthalene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	n-Butylbenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	n-Propylbenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	o-Xylenes	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	p-Isopropyltoluene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	sec-Butylbenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Styrene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	tert-Butylbenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Tetrachloroethylene	-0.4	-0.5 - 0.5
	Blank 1	SW-846 8260C	Tetrahydrofuran	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Toluene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	trans-1,2-Dichloroethylene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	trans-1,3-Dichloropropylene	0.0	-0.5 - 0.5

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QC Results

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	Blank 1	SW-846 8260C	trans-1,4-Dichloro-2-butene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Trichloroethylene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Trichlorofluoromethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Trichlorotrifluoroethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Vinyl chloride	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Xylenes (Total)	0.0	-1 - 1
	LCS 1	SW-846 8260C	1,1,1,2-Tetrachloroethane	114.0	70 - 130
	LCS 1	SW-846 8260C	1,1,1-Trichloroethane	133.0	70 - 130
	LCS 1	SW-846 8260C	1,1,2,2-Tetrachloroethane	107.0	70 - 130
	LCS 1	SW-846 8260C	1,1,2-Trichloroethane	113.0	70 - 130
	LCS 1	SW-846 8260C	1,1-Dichloroethane	122.0	70 - 130
	LCS 1	SW-846 8260C	1,1-Dichloroethylene	138.0	70 - 130
	LCS 1	SW-846 8260C	1,1-Dichloropropylene	120.0	70 - 130
	LCS 1	SW-846 8260C	1,2,3-Trichlorobenzene	113.0	70 - 130
	LCS 1	SW-846 8260C	1,2,3-Trichloropropane	123.0	70 - 130
	LCS 1	SW-846 8260C	1,2,4-Trichlorobenzene	111.0	70 - 130
	LCS 1	SW-846 8260C	1,2,4-Trimethylbenzene	115.0	70 - 130
	LCS 1	SW-846 8260C	1,2-Chlorotoluene	115.0	70 - 130
	LCS 1	SW-846 8260C	1,2-Dibromo-3-chloropropane (DBCP)	98.7	70 - 130
	LCS 1	SW-846 8260C	1,2-Dichlorobenzene	106.0	70 - 130
	LCS 1	SW-846 8260C	1,2-Dichloroethane	122.0	70 - 130
	LCS 1	SW-846 8260C	1,2-Dichloropropane	92.6	70 - 130
	LCS 1	SW-846 8260C	1,3,5-Trimethylbenzene	117.0	70 - 130
	LCS 1	SW-846 8260C	1,3-Dichlorobenzene	116.0	70 - 130
	LCS 1	SW-846 8260C	1,3-Dichloropropane	111.0	70 - 130
	LCS 1	SW-846 8260C	1,4-Chlorotoluene	114.0	70 - 130
	LCS 1	SW-846 8260C	1,4-Dichlorobenzene	106.0	70 - 130
	LCS 1	SW-846 8260C	2,2-Dichloropropane	149.0	70 - 130
	LCS 1	SW-846 8260C	2-Hexanone	76.1	70 - 130
	LCS 1	SW-846 8260C	Acetone	90.1	70 - 130
	LCS 1	SW-846 8260C	Acrylonitrile	94.9	70 - 130
	LCS 1	SW-846 8260C	Benzene	114.0	70 - 130
	LCS 1	SW-846 8260C	Bromobenzene	115.0	70 - 130
	LCS 1	SW-846 8260C	Bromodichloromethane	125.0	70 - 130
	LCS 1	SW-846 8260C	Bromoform	115.0	70 - 130
	LCS 1	SW-846 8260C	Bromomethane	142.0	70 - 130
	LCS 1	SW-846 8260C	Carbon disulfide	132.0	70 - 130
	LCS 1	SW-846 8260C	Carbon Tetrachloride	135.0	70 - 130
	LCS 1	SW-846 8260C	Chlorobenzene	111.0	70 - 130
	LCS 1	SW-846 8260C	Chloroethane	127.0	70 - 130
	LCS 1	SW-846 8260C	Chloroform	128.0	70 - 130
	LCS 1	SW-846 8260C	Chloromethane	79.5	70 - 130
	LCS 1	SW-846 8260C	cis-1,2-Dichloroethylene	114.0	70 - 130
	LCS 1	SW-846 8260C	cis-1,3-Dichloropropylene	108.0	70 - 130

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	LCS 1	SW-846 8260C	Dibromochloromethane	108.0	70 - 130
	LCS 1	SW-846 8260C	Dibromomethane	118.0	70 - 130
	LCS 1	SW-846 8260C	Dichlorodifluoromethane	100.0	70 - 130
	LCS 1	SW-846 8260C	Ethylbenzene	110.0	70 - 130
	LCS 1	SW-846 8260C	Ethylene Dibromide (EDB)	108.0	70 - 130
	LCS 1	SW-846 8260C	Hexachlorobutadiene	127.0	70 - 130
	LCS 1	SW-846 8260C	Isopropylbenzene	115.0	70 - 130
	LCS 1	SW-846 8260C	Methyl ethyl ketone	86.0	70 - 130
	LCS 1	SW-846 8260C	Methyl iso-butyl ketone	74.7	70 - 130
	LCS 1	SW-846 8260C	Methyl tert-butyl ether	135.0	70 - 130
	LCS 1	SW-846 8260C	Methylene chloride	134.0	70 - 130
	LCS 1	SW-846 8260C	Naphthalene	97.2	70 - 130
	LCS 1	SW-846 8260C	n-Butylbenzene	107.0	70 - 130
	LCS 1	SW-846 8260C	n-Propylbenzene	117.0	70 - 130
	LCS 1	SW-846 8260C	p-Isopropyltoluene	106.0	70 - 130
	LCS 1	SW-846 8260C	sec-Butylbenzene	109.0	70 - 130
	LCS 1	SW-846 8260C	Styrene	109.0	70 - 130
	LCS 1	SW-846 8260C	tert-Butylbenzene	111.0	70 - 130
	LCS 1	SW-846 8260C	Tetrachloroethylene	121.0	70 - 130
	LCS 1	SW-846 8260C	Tetrahydrofuran	71.5	70 - 130
	LCS 1	SW-846 8260C	Toluene	113.0	70 - 130
	LCS 1	SW-846 8260C	trans-1,2-Dichloroethylene	135.0	70 - 130
	LCS 1	SW-846 8260C	trans-1,3-Dichloropropylene	118.0	70 - 130
	LCS 1	SW-846 8260C	trans-1,4-Dichloro-2-butene	93.0	70 - 130
	LCS 1	SW-846 8260C	Trichloroethylene	108.0	70 - 130
	LCS 1	SW-846 8260C	Trichlorofluoromethane	155.0	70 - 130
	LCS 1	SW-846 8260C	Trichlorotrifluoroethane	155.0	70 - 130
	LCS 1	SW-846 8260C	Vinyl chloride	96.9	70 - 130
	LCS 1	SW-846 8260C	Xylenes (Total)	114.0	70 - 130
	LCSD 1	SW-846 8260C	1,1,1,2-Tetrachloroethane	0.0743	0 - 30
	LCSD 1	SW-846 8260C	1,1,1,2-Tetrachloroethane	114.0	70 - 130
	LCSD 1	SW-846 8260C	1,1,1-Trichloroethane	128.0	70 - 130
	LCSD 1	SW-846 8260C	1,1,1-Trichloroethane	3.84	0 - 30
	LCSD 1	SW-846 8260C	1,1,2,2-Tetrachloroethane	0.475	0 - 30
	LCSD 1	SW-846 8260C	1,1,2,2-Tetrachloroethane	107.0	70 - 130
	LCSD 1	SW-846 8260C	1,1,2-Trichloroethane	0.163	0 - 30
	LCSD 1	SW-846 8260C	1,1,2-Trichloroethane	113.0	70 - 130
	LCSD 1	SW-846 8260C	1,1-Dichloroethane	117.0	70 - 130
	LCSD 1	SW-846 8260C	1,1-Dichloroethane	3.81	0 - 30
	LCSD 1	SW-846 8260C	1,1-Dichloroethylene	135.0	70 - 130
	LCSD 1	SW-846 8260C	1,1-Dichloroethylene	2.42	0 - 30
	LCSD 1	SW-846 8260C	1,1-Dichloropropylene	116.0	70 - 130
	LCSD 1	SW-846 8260C	1,1-Dichloropropylene	2.75	0 - 30
	LCSD 1	SW-846 8260C	1,2,3-Trichlorobenzene	5.3	0 - 30
	LCSD 1	SW-846 8260C	1,2,3-Trichlorobenzene	119.0	70 - 130

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	LCSD 1	SW-846 8260C	1,2,3-Trichloropropane	0.539	0 - 30
	LCSD 1	SW-846 8260C	1,2,3-Trichloropropane	122.0	70 - 130
	LCSD 1	SW-846 8260C	1,2,4-Trichlorobenzene	115.0	70 - 130
	LCSD 1	SW-846 8260C	1,2,4-Trichlorobenzene	4.0	0 - 30
	LCSD 1	SW-846 8260C	1,2,4-Trimethylbenzene	0.698	0 - 30
	LCSD 1	SW-846 8260C	1,2,4-Trimethylbenzene	114.0	70 - 130
	LCSD 1	SW-846 8260C	1,2-Chlorotoluene	0.954	0 - 30
	LCSD 1	SW-846 8260C	1,2-Chlorotoluene	114.0	70 - 130
	LCSD 1	SW-846 8260C	1,2-Dibromo-3-chloropropane (DBCP)	1.48	0 - 30
	LCSD 1	SW-846 8260C	1,2-Dibromo-3-chloropropane (DBCP)	100.0	70 - 130
	LCSD 1	SW-846 8260C	1,2-Dichlorobenzene	0.145	0 - 30
	LCSD 1	SW-846 8260C	1,2-Dichlorobenzene	106.0	70 - 130
	LCSD 1	SW-846 8260C	1,2-Dichloroethane	115.0	70 - 130
	LCSD 1	SW-846 8260C	1,2-Dichloroethane	5.85	0 - 30
	LCSD 1	SW-846 8260C	1,2-Dichloropropane	2.11	0 - 30
	LCSD 1	SW-846 8260C	1,2-Dichloropropane	90.7	70 - 130
	LCSD 1	SW-846 8260C	1,3,5-Trimethylbenzene	1.91	0 - 30
	LCSD 1	SW-846 8260C	1,3,5-Trimethylbenzene	114.0	70 - 130
	LCSD 1	SW-846 8260C	1,3-Dichlorobenzene	116.0	70 - 130
	LCSD 1	SW-846 8260C	1,3-Dichlorobenzene	0.0854	0 - 30
	LCSD 1	SW-846 8260C	1,3-Dichloropropane	0.0176	0 - 30
	LCSD 1	SW-846 8260C	1,3-Dichloropropane	111.0	70 - 130
	LCSD 1	SW-846 8260C	1,4-Chlorotoluene	1.04	0 - 30
	LCSD 1	SW-846 8260C	1,4-Chlorotoluene	113.0	70 - 130
	LCSD 1	SW-846 8260C	1,4-Dichlorobenzene	1.17	0 - 30
	LCSD 1	SW-846 8260C	1,4-Dichlorobenzene	105.0	70 - 130
	LCSD 1	SW-846 8260C	2,2-Dichloropropane	4.18	0 - 30
	LCSD 1	SW-846 8260C	2,2-Dichloropropane	143.0	70 - 130
	LCSD 1	SW-846 8260C	2-Hexanone	2.99	0 - 30
	LCSD 1	SW-846 8260C	2-Hexanone	73.8	70 - 130
	LCSD 1	SW-846 8260C	Acetone	2.62	0 - 30
	LCSD 1	SW-846 8260C	Acetone	92.5	70 - 130
	LCSD 1	SW-846 8260C	Acrylonitrile	4.14	0 - 30
	LCSD 1	SW-846 8260C	Acrylonitrile	91.1	70 - 130
	LCSD 1	SW-846 8260C	Benzene	3.91	0 - 30
	LCSD 1	SW-846 8260C	Benzene	110.0	70 - 130
	LCSD 1	SW-846 8260C	Bromobenzene	0.867	0 - 30
	LCSD 1	SW-846 8260C	Bromobenzene	114.0	70 - 130
	LCSD 1	SW-846 8260C	Bromodichloromethane	119.0	70 - 130
	LCSD 1	SW-846 8260C	Bromodichloromethane	5.2	0 - 30
	LCSD 1	SW-846 8260C	Bromoform	0.773	0 - 30
	LCSD 1	SW-846 8260C	Bromoform	114.0	70 - 130
	LCSD 1	SW-846 8260C	Bromomethane	1.61	0 - 30
	LCSD 1	SW-846 8260C	Bromomethane	140.0	70 - 130

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	LCSD 1	SW-846 8260C	Carbon disulfide	131.0	70 - 130
	LCSD 1	SW-846 8260C	Carbon disulfide	0.805	0 - 30
	LCSD 1	SW-846 8260C	Carbon Tetrachloride	3.99	0 - 30
	LCSD 1	SW-846 8260C	Carbon Tetrachloride	130.0	70 - 130
	LCSD 1	SW-846 8260C	Chlorobenzene	0.614	0 - 30
	LCSD 1	SW-846 8260C	Chlorobenzene	111.0	70 - 130
	LCSD 1	SW-846 8260C	Chloroethane	1.56	0 - 30
	LCSD 1	SW-846 8260C	Chloroethane	125.0	70 - 130
	LCSD 1	SW-846 8260C	Chloroform	123.0	70 - 130
	LCSD 1	SW-846 8260C	Chloroform	3.61	0 - 30
	LCSD 1	SW-846 8260C	Chloromethane	77.2	70 - 130
	LCSD 1	SW-846 8260C	Chloromethane	2.83	0 - 30
	LCSD 1	SW-846 8260C	cis-1,2-Dichloroethylene	109.0	70 - 130
	LCSD 1	SW-846 8260C	cis-1,2-Dichloroethylene	4.47	0 - 30
	LCSD 1	SW-846 8260C	cis-1,3-Dichloropropylene	105.0	70 - 130
	LCSD 1	SW-846 8260C	cis-1,3-Dichloropropylene	3.1	0 - 30
	LCSD 1	SW-846 8260C	Dibromochloromethane	0.0679	0 - 30
	LCSD 1	SW-846 8260C	Dibromochloromethane	107.0	70 - 130
	LCSD 1	SW-846 8260C	Dibromomethane	115.0	70 - 130
	LCSD 1	SW-846 8260C	Dibromomethane	2.38	0 - 30
	LCSD 1	SW-846 8260C	Dichlorodifluoromethane	100.0	70 - 130
	LCSD 1	SW-846 8260C	Dichlorodifluoromethane	0.435	0 - 30
	LCSD 1	SW-846 8260C	Ethylbenzene	109.0	70 - 130
	LCSD 1	SW-846 8260C	Ethylbenzene	0.681	0 - 30
	LCSD 1	SW-846 8260C	Ethylene Dibromide (EDB)	0.111	0 - 30
	LCSD 1	SW-846 8260C	Ethylene Dibromide (EDB)	108.0	70 - 130
	LCSD 1	SW-846 8260C	Hexachlorobutadiene	1.23	0 - 30
	LCSD 1	SW-846 8260C	Hexachlorobutadiene	129.0	70 - 130
	LCSD 1	SW-846 8260C	Isopropylbenzene	1.01	0 - 30
	LCSD 1	SW-846 8260C	Isopropylbenzene	113.0	70 - 130
	LCSD 1	SW-846 8260C	Methyl ethyl ketone	20.5	0 - 30
	LCSD 1	SW-846 8260C	Methyl ethyl ketone	70.1	70 - 130
	LCSD 1	SW-846 8260C	Methyl iso-butyl ketone	72.4	70 - 130
	LCSD 1	SW-846 8260C	Methyl iso-butyl ketone	3.09	0 - 30
	LCSD 1	SW-846 8260C	Methyl tert-butyl ether	1.66	0 - 30
	LCSD 1	SW-846 8260C	Methyl tert-butyl ether	133.0	70 - 130
	LCSD 1	SW-846 8260C	Methylene chloride	130.0	70 - 130
	LCSD 1	SW-846 8260C	Methylene chloride	3.67	0 - 30
	LCSD 1	SW-846 8260C	Naphthalene	101.0	70 - 130
	LCSD 1	SW-846 8260C	Naphthalene	4.26	0 - 30
	LCSD 1	SW-846 8260C	n-Butylbenzene	0.643	0 - 30
	LCSD 1	SW-846 8260C	n-Butylbenzene	107.0	70 - 130
	LCSD 1	SW-846 8260C	n-Propylbenzene	0.934	0 - 30
	LCSD 1	SW-846 8260C	n-Propylbenzene	116.0	70 - 130
	LCSD 1	SW-846 8260C	p-Isopropyltoluene	0.413	0 - 30

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	LCSD 1	SW-846 8260C	p-Isopropyltoluene	106.0	70 - 130
	LCSD 1	SW-846 8260C	sec-Butylbenzene	1.42	0 - 30
	LCSD 1	SW-846 8260C	sec-Butylbenzene	108.0	70 - 130
	LCSD 1	SW-846 8260C	Styrene	0.898	0 - 30
	LCSD 1	SW-846 8260C	Styrene	108.0	70 - 130
	LCSD 1	SW-846 8260C	tert-Butylbenzene	0.502	0 - 30
	LCSD 1	SW-846 8260C	tert-Butylbenzene	111.0	70 - 130
	LCSD 1	SW-846 8260C	Tetrachloroethylene	120.0	70 - 130
	LCSD 1	SW-846 8260C	Tetrachloroethylene	0.542	0 - 30
	LCSD 1	SW-846 8260C	Tetrahydrofuran	4.95	0 - 30
	LCSD 1	SW-846 8260C	Tetrahydrofuran	75.1	70 - 130
	LCSD 1	SW-846 8260C	Toluene	110.0	70 - 130
	LCSD 1	SW-846 8260C	Toluene	2.81	0 - 30
	LCSD 1	SW-846 8260C	trans-1,2-Dichloroethylene	132.0	70 - 130
	LCSD 1	SW-846 8260C	trans-1,2-Dichloroethylene	2.17	0 - 30
	LCSD 1	SW-846 8260C	trans-1,3-Dichloropropylene	114.0	70 - 130
	LCSD 1	SW-846 8260C	trans-1,3-Dichloropropylene	3.14	0 - 30
	LCSD 1	SW-846 8260C	trans-1,4-Dichloro-2-butene	6.04	0 - 30
	LCSD 1	SW-846 8260C	trans-1,4-Dichloro-2-butene	87.5	70 - 130
	LCSD 1	SW-846 8260C	Trichloroethylene	105.0	70 - 130
	LCSD 1	SW-846 8260C	Trichloroethylene	2.63	0 - 30
	LCSD 1	SW-846 8260C	Trichlorofluoromethane	151.0	70 - 130
	LCSD 1	SW-846 8260C	Trichlorofluoromethane	2.85	0 - 30
	LCSD 1	SW-846 8260C	Trichlorotrifluoroethane	4.27	0 - 30
	LCSD 1	SW-846 8260C	Trichlorotrifluoroethane	149.0	70 - 130
	LCSD 1	SW-846 8260C	Vinyl chloride	1.3	0 - 30
	LCSD 1	SW-846 8260C	Vinyl chloride	95.6	70 - 130
	LCSD 1	SW-846 8260C	Xylenes (Total)	0.966	0 - 30
	LCSD 1	SW-846 8260C	Xylenes (Total)	113.0	70 - 130
QC1711120	Blank 1	SW-846 8260C	1,1,1,2-Tetrachloroethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,1,1-Trichloroethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,1,2,2-Tetrachloroethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,1,2-Trichloroethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,1-Dichloroethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,1-Dichloroethylene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,1-Dichloropropylene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2,3-Trichlorobenzene	0.3	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2,3-Trichloropropane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2,4-Trichlorobenzene	0.3	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2,4-Trimethylbenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2-Chlorotoluene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2-Dibromo-3-chloropropane (DBCP)	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2-Dichlorobenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2-Dichloroethane	-0.7	-0.5 - 0.5

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QC Results

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	Blank 1	SW-846 8260C	1,2-Dichloropropane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,3,5-Trimethylbenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,3-Dichlorobenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,3-Dichloropropane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,4-Chlorotoluene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,4-Dichlorobenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	2,2-Dichloropropane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	2-Hexanone	0.0	-1 - 1
	Blank 1	SW-846 8260C	Acetone	0.0	-10 - 10
	Blank 1	SW-846 8260C	Acrylonitrile	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Benzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Bromobenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Bromodichloromethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Bromoform	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Bromomethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Carbon disulfide	-0.8	-0.5 - 0.5
	Blank 1	SW-846 8260C	Carbon Tetrachloride	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Chlorobenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Chloroethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Chloroform	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Chloromethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	cis-1,2-Dichloroethylene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	cis-1,3-Dichloropropylene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Dibromochloromethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Dibromomethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Dichlorodifluoromethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Ethylbenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Ethylene Dibromide (EDB)	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Hexachlorobutadiene	0.3	-0.4 - 0.4
	Blank 1	SW-846 8260C	Isopropylbenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	m,p-Xylenes	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Methyl ethyl ketone	0.0	-2 - 2
	Blank 1	SW-846 8260C	Methyl iso-butyl ketone	0.0	-2 - 2
	Blank 1	SW-846 8260C	Methyl tert-butyl ether	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Methylene chloride	0.0	-1 - 1
	Blank 1	SW-846 8260C	Naphthalene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	n-Butylbenzene	0.1	-0.5 - 0.5
	Blank 1	SW-846 8260C	n-Propylbenzene	-0.4	-0.5 - 0.5
	Blank 1	SW-846 8260C	o-Xylenes	-0.1	-0.5 - 0.5
	Blank 1	SW-846 8260C	p-Isopropyltoluene	0.1	-0.5 - 0.5
	Blank 1	SW-846 8260C	sec-Butylbenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Styrene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	tert-Butylbenzene	0.2	-0.5 - 0.5
	Blank 1	SW-846 8260C	Tetrachloroethylene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Tetrahydrofuran	0.0	-0.5 - 0.5

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	Blank 1	SW-846 8260C	Toluene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	trans-1,2-Dichloroethylene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	trans-1,3-Dichloropropylene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	trans-1,4-Dichloro-2-butene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Trichloroethylene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Trichlorofluoromethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Trichlorotrifluoroethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Vinyl chloride	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Xylenes (Total)	0.0	-1 - 1
	LCS 1	SW-846 8260C	1,1,1,2-Tetrachloroethane	104.0	70 - 130
	LCS 1	SW-846 8260C	1,1,1-Trichloroethane	104.0	70 - 130
	LCS 1	SW-846 8260C	1,1,2,2-Tetrachloroethane	111.0	70 - 130
	LCS 1	SW-846 8260C	1,1,2-Trichloroethane	106.0	70 - 130
	LCS 1	SW-846 8260C	1,1-Dichloroethane	105.0	70 - 130
	LCS 1	SW-846 8260C	1,1-Dichloroethylene	104.0	70 - 130
	LCS 1	SW-846 8260C	1,1-Dichloropropylene	102.0	70 - 130
	LCS 1	SW-846 8260C	1,2,3-Trichlorobenzene	90.6	70 - 130
	LCS 1	SW-846 8260C	1,2,3-Trichloropropane	130.0	70 - 130
	LCS 1	SW-846 8260C	1,2,4-Trichlorobenzene	86.7	70 - 130
	LCS 1	SW-846 8260C	1,2,4-Trimethylbenzene	103.0	70 - 130
	LCS 1	SW-846 8260C	1,2-Chlorotoluene	107.0	70 - 130
	LCS 1	SW-846 8260C	1,2-Dibromo-3-chloropropane (DBCP)	93.8	70 - 130
	LCS 1	SW-846 8260C	1,2-Dichlorobenzene	96.0	70 - 130
	LCS 1	SW-846 8260C	1,2-Dichloroethane	106.0	70 - 130
	LCS 1	SW-846 8260C	1,2-Dichloropropane	99.3	70 - 130
	LCS 1	SW-846 8260C	1,3,5-Trimethylbenzene	102.0	70 - 130
	LCS 1	SW-846 8260C	1,3-Dichlorobenzene	106.0	70 - 130
	LCS 1	SW-846 8260C	1,3-Dichloropropane	101.0	70 - 130
	LCS 1	SW-846 8260C	1,4-Chlorotoluene	105.0	70 - 130
	LCS 1	SW-846 8260C	1,4-Dichlorobenzene	94.8	70 - 130
	LCS 1	SW-846 8260C	2,2-Dichloropropane	79.0	70 - 130
	LCS 1	SW-846 8260C	2-Hexanone	95.3	70 - 130
	LCS 1	SW-846 8260C	Acetone	123.0	70 - 130
	LCS 1	SW-846 8260C	Acrylonitrile	105.0	70 - 130
	LCS 1	SW-846 8260C	Benzene	102.0	70 - 130
	LCS 1	SW-846 8260C	Bromobenzene	106.0	70 - 130
	LCS 1	SW-846 8260C	Bromodichloromethane	102.0	70 - 130
	LCS 1	SW-846 8260C	Bromoform	103.0	70 - 130
	LCS 1	SW-846 8260C	Bromomethane	101.0	70 - 130
	LCS 1	SW-846 8260C	Carbon disulfide	102.0	70 - 130
	LCS 1	SW-846 8260C	Carbon Tetrachloride	105.0	70 - 130
	LCS 1	SW-846 8260C	Chlorobenzene	101.0	70 - 130
	LCS 1	SW-846 8260C	Chloroethane	102.0	70 - 130
	LCS 1	SW-846 8260C	Chloroform	105.0	70 - 130

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QC Results

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	LCS 1	SW-846 8260C	Chloromethane	105.0	70 - 130
	LCS 1	SW-846 8260C	cis-1,2-Dichloroethylene	99.9	70 - 130
	LCS 1	SW-846 8260C	cis-1,3-Dichloropropylene	91.5	70 - 130
	LCS 1	SW-846 8260C	Dibromochloromethane	102.0	70 - 130
	LCS 1	SW-846 8260C	Dibromomethane	103.0	70 - 130
	LCS 1	SW-846 8260C	Dichlorodifluoromethane	104.0	70 - 130
	LCS 1	SW-846 8260C	Ethylbenzene	101.0	70 - 130
	LCS 1	SW-846 8260C	Ethylene Dibromide (EDB)	103.0	70 - 130
	LCS 1	SW-846 8260C	Hexachlorobutadiene	86.7	70 - 130
	LCS 1	SW-846 8260C	Isopropylbenzene	103.0	70 - 130
	LCS 1	SW-846 8260C	Methyl ethyl ketone	113.0	70 - 130
	LCS 1	SW-846 8260C	Methyl iso-butyl ketone	102.0	70 - 130
	LCS 1	SW-846 8260C	Methyl tert-butyl ether	103.0	70 - 130
	LCS 1	SW-846 8260C	Methylene chloride	106.0	70 - 130
	LCS 1	SW-846 8260C	Naphthalene	87.6	70 - 130
	LCS 1	SW-846 8260C	n-Butylbenzene	88.6	70 - 130
	LCS 1	SW-846 8260C	n-Propylbenzene	103.0	70 - 130
	LCS 1	SW-846 8260C	p-Isopropyltoluene	90.1	70 - 130
	LCS 1	SW-846 8260C	sec-Butylbenzene	101.0	70 - 130
	LCS 1	SW-846 8260C	Styrene	105.0	70 - 130
	LCS 1	SW-846 8260C	tert-Butylbenzene	102.0	70 - 130
	LCS 1	SW-846 8260C	Tetrachloroethylene	102.0	70 - 130
	LCS 1	SW-846 8260C	Tetrahydrofuran	98.4	70 - 130
	LCS 1	SW-846 8260C	Toluene	101.0	70 - 130
	LCS 1	SW-846 8260C	trans-1,2-Dichloroethylene	105.0	70 - 130
	LCS 1	SW-846 8260C	trans-1,3-Dichloropropylene	90.7	70 - 130
	LCS 1	SW-846 8260C	trans-1,4-Dichloro-2-butene	77.3	70 - 130
	LCS 1	SW-846 8260C	Trichloroethylene	99.6	70 - 130
	LCS 1	SW-846 8260C	Trichlorofluoromethane	103.0	70 - 130
	LCS 1	SW-846 8260C	Trichlorotrifluoroethane	101.0	70 - 130
	LCS 1	SW-846 8260C	Vinyl chloride	100.0	70 - 130
	LCS 1	SW-846 8260C	Xylenes (Total)	103.0	70 - 130
	LCSD 1	SW-846 8260C	1,1,1,2-Tetrachloroethane	103.0	70 - 130
	LCSD 1	SW-846 8260C	1,1,1,2-Tetrachloroethane	1.2	0 - 30
	LCSD 1	SW-846 8260C	1,1,1-Trichloroethane	0.0351	0 - 30
	LCSD 1	SW-846 8260C	1,1,1-Trichloroethane	104.0	70 - 130
	LCSD 1	SW-846 8260C	1,1,2,2-Tetrachloroethane	107.0	70 - 130
	LCSD 1	SW-846 8260C	1,1,2,2-Tetrachloroethane	3.67	0 - 30
	LCSD 1	SW-846 8260C	1,1,2-Trichloroethane	102.0	70 - 130
	LCSD 1	SW-846 8260C	1,1,2-Trichloroethane	3.31	0 - 30
	LCSD 1	SW-846 8260C	1,1-Dichloroethane	0.756	0 - 30
	LCSD 1	SW-846 8260C	1,1-Dichloroethane	106.0	70 - 130
	LCSD 1	SW-846 8260C	1,1-Dichloroethylene	1.66	0 - 30
	LCSD 1	SW-846 8260C	1,1-Dichloroethylene	106.0	70 - 130
	LCSD 1	SW-846 8260C	1,1-Dichloropropylene	0.705	0 - 30

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	LCSD 1	SW-846 8260C	1,1-Dichloropropylene	103.0	70 - 130
	LCSD 1	SW-846 8260C	1,2,3-Trichlorobenzene	7.06	0 - 30
	LCSD 1	SW-846 8260C	1,2,3-Trichlorobenzene	97.3	70 - 130
	LCSD 1	SW-846 8260C	1,2,3-Trichloropropane	130.0	70 - 130
	LCSD 1	SW-846 8260C	1,2,3-Trichloropropane	0.372	0 - 30
	LCSD 1	SW-846 8260C	1,2,4-Trichlorobenzene	4.1	0 - 30
	LCSD 1	SW-846 8260C	1,2,4-Trichlorobenzene	90.4	70 - 130
	LCSD 1	SW-846 8260C	1,2,4-Trimethylbenzene	1.93	0 - 30
	LCSD 1	SW-846 8260C	1,2,4-Trimethylbenzene	101.0	70 - 130
	LCSD 1	SW-846 8260C	1,2-Chlorotoluene	104.0	70 - 130
	LCSD 1	SW-846 8260C	1,2-Chlorotoluene	2.28	0 - 30
	LCSD 1	SW-846 8260C	1,2-Dibromo-3-chloropropane (DBCP)	2.8	0 - 30
	LCSD 1	SW-846 8260C	1,2-Dibromo-3-chloropropane (DBCP)	96.4	70 - 130
	LCSD 1	SW-846 8260C	1,2-Dichlorobenzene	98.2	70 - 130
	LCSD 1	SW-846 8260C	1,2-Dichlorobenzene	2.23	0 - 30
	LCSD 1	SW-846 8260C	1,2-Dichloroethane	104.0	70 - 130
	LCSD 1	SW-846 8260C	1,2-Dichloroethane	1.7	0 - 30
	LCSD 1	SW-846 8260C	1,2-Dichloropropane	102.0	70 - 130
	LCSD 1	SW-846 8260C	1,2-Dichloropropane	3.02	0 - 30
	LCSD 1	SW-846 8260C	1,3,5-Trimethylbenzene	0.541	0 - 30
	LCSD 1	SW-846 8260C	1,3,5-Trimethylbenzene	102.0	70 - 130
	LCSD 1	SW-846 8260C	1,3-Dichlorobenzene	104.0	70 - 130
	LCSD 1	SW-846 8260C	1,3-Dichlorobenzene	2.02	0 - 30
	LCSD 1	SW-846 8260C	1,3-Dichloropropane	102.0	70 - 130
	LCSD 1	SW-846 8260C	1,3-Dichloropropane	0.675	0 - 30
	LCSD 1	SW-846 8260C	1,4-Chlorotoluene	1.14	0 - 30
	LCSD 1	SW-846 8260C	1,4-Chlorotoluene	104.0	70 - 130
	LCSD 1	SW-846 8260C	1,4-Dichlorobenzene	2.76	0 - 30
	LCSD 1	SW-846 8260C	1,4-Dichlorobenzene	97.5	70 - 130
	LCSD 1	SW-846 8260C	2,2-Dichloropropane	0.407	0 - 30
	LCSD 1	SW-846 8260C	2,2-Dichloropropane	79.3	70 - 130
	LCSD 1	SW-846 8260C	2-Hexanone	100.0	70 - 130
	LCSD 1	SW-846 8260C	2-Hexanone	4.75	0 - 30
	LCSD 1	SW-846 8260C	Acetone	123.0	70 - 130
	LCSD 1	SW-846 8260C	Acetone	0.331	0 - 30
	LCSD 1	SW-846 8260C	Acrylonitrile	2.05	0 - 30
	LCSD 1	SW-846 8260C	Acrylonitrile	108.0	70 - 130
	LCSD 1	SW-846 8260C	Benzene	1.73	0 - 30
	LCSD 1	SW-846 8260C	Benzene	104.0	70 - 130
	LCSD 1	SW-846 8260C	Bromobenzene	1.13	0 - 30
	LCSD 1	SW-846 8260C	Bromobenzene	105.0	70 - 130
	LCSD 1	SW-846 8260C	Bromodichloromethane	1.33	0 - 30
	LCSD 1	SW-846 8260C	Bromodichloromethane	104.0	70 - 130
	LCSD 1	SW-846 8260C	Bromoform	103.0	70 - 130

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	LCSD 1	SW-846 8260C	Bromoform	0.306	0 - 30
	LCSD 1	SW-846 8260C	Bromomethane	104.0	70 - 130
	LCSD 1	SW-846 8260C	Bromomethane	2.82	0 - 30
	LCSD 1	SW-846 8260C	Carbon disulfide	0.231	0 - 30
	LCSD 1	SW-846 8260C	Carbon disulfide	102.0	70 - 130
	LCSD 1	SW-846 8260C	Carbon Tetrachloride	0.252	0 - 30
	LCSD 1	SW-846 8260C	Carbon Tetrachloride	105.0	70 - 130
	LCSD 1	SW-846 8260C	Chlorobenzene	0.382	0 - 30
	LCSD 1	SW-846 8260C	Chlorobenzene	101.0	70 - 130
	LCSD 1	SW-846 8260C	Chloroethane	103.0	70 - 130
	LCSD 1	SW-846 8260C	Chloroethane	0.981	0 - 30
	LCSD 1	SW-846 8260C	Chloroform	105.0	70 - 130
	LCSD 1	SW-846 8260C	Chloroform	0.685	0 - 30
	LCSD 1	SW-846 8260C	Chloromethane	102.0	70 - 130
	LCSD 1	SW-846 8260C	Chloromethane	2.89	0 - 30
	LCSD 1	SW-846 8260C	cis-1,2-Dichloroethylene	1.46	0 - 30
	LCSD 1	SW-846 8260C	cis-1,2-Dichloroethylene	98.5	70 - 130
	LCSD 1	SW-846 8260C	cis-1,3-Dichloropropylene	2.55	0 - 30
	LCSD 1	SW-846 8260C	cis-1,3-Dichloropropylene	93.9	70 - 130
	LCSD 1	SW-846 8260C	Dibromochloromethane	101.0	70 - 130
	LCSD 1	SW-846 8260C	Dibromochloromethane	1.12	0 - 30
	LCSD 1	SW-846 8260C	Dibromomethane	1.97	0 - 30
	LCSD 1	SW-846 8260C	Dibromomethane	106.0	70 - 130
	LCSD 1	SW-846 8260C	Dichlorodifluoromethane	0.587	0 - 30
	LCSD 1	SW-846 8260C	Dichlorodifluoromethane	103.0	70 - 130
	LCSD 1	SW-846 8260C	Ethylbenzene	0.59	0 - 30
	LCSD 1	SW-846 8260C	Ethylbenzene	102.0	70 - 130
	LCSD 1	SW-846 8260C	Ethylene Dibromide (EDB)	0.519	0 - 30
	LCSD 1	SW-846 8260C	Ethylene Dibromide (EDB)	103.0	70 - 130
	LCSD 1	SW-846 8260C	Hexachlorobutadiene	89.9	70 - 130
	LCSD 1	SW-846 8260C	Hexachlorobutadiene	3.58	0 - 30
	LCSD 1	SW-846 8260C	Isopropylbenzene	102.0	70 - 130
	LCSD 1	SW-846 8260C	Isopropylbenzene	0.307	0 - 30
	LCSD 1	SW-846 8260C	Methyl ethyl ketone	14.4	0 - 30
	LCSD 1	SW-846 8260C	Methyl ethyl ketone	97.7	70 - 130
	LCSD 1	SW-846 8260C	Methyl iso-butyl ketone	0.424	0 - 30
	LCSD 1	SW-846 8260C	Methyl iso-butyl ketone	102.0	70 - 130
	LCSD 1	SW-846 8260C	Methyl tert-butyl ether	0.956	0 - 30
	LCSD 1	SW-846 8260C	Methyl tert-butyl ether	102.0	70 - 130
	LCSD 1	SW-846 8260C	Methylene chloride	0.827	0 - 30
	LCSD 1	SW-846 8260C	Methylene chloride	107.0	70 - 130
	LCSD 1	SW-846 8260C	Naphthalene	92.5	70 - 130
	LCSD 1	SW-846 8260C	Naphthalene	5.51	0 - 30
	LCSD 1	SW-846 8260C	n-Butylbenzene	3.46	0 - 30
	LCSD 1	SW-846 8260C	n-Butylbenzene	91.8	70 - 130

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	LCSD 1	SW-846 8260C	n-Propylbenzene	1.2	0 - 30
	LCSD 1	SW-846 8260C	n-Propylbenzene	102.0	70 - 130
	LCSD 1	SW-846 8260C	p-Isopropyltoluene	1.52	0 - 30
	LCSD 1	SW-846 8260C	p-Isopropyltoluene	91.5	70 - 130
	LCSD 1	SW-846 8260C	sec-Butylbenzene	1.48	0 - 30
	LCSD 1	SW-846 8260C	sec-Butylbenzene	99.2	70 - 130
	LCSD 1	SW-846 8260C	Styrene	0.5	0 - 30
	LCSD 1	SW-846 8260C	Styrene	106.0	70 - 130
	LCSD 1	SW-846 8260C	tert-Butylbenzene	1.04	0 - 30
	LCSD 1	SW-846 8260C	tert-Butylbenzene	101.0	70 - 130
	LCSD 1	SW-846 8260C	Tetrachloroethylene	100.0	70 - 130
	LCSD 1	SW-846 8260C	Tetrachloroethylene	2.23	0 - 30
	LCSD 1	SW-846 8260C	Tetrahydrofuran	133.0	70 - 130
	LCSD 1	SW-846 8260C	Tetrahydrofuran	29.7	0 - 30
	LCSD 1	SW-846 8260C	Toluene	1.04	0 - 30
	LCSD 1	SW-846 8260C	Toluene	102.0	70 - 130
	LCSD 1	SW-846 8260C	trans-1,2-Dichloroethylene	106.0	70 - 130
	LCSD 1	SW-846 8260C	trans-1,2-Dichloroethylene	0.916	0 - 30
	LCSD 1	SW-846 8260C	trans-1,3-Dichloropropylene	3.44	0 - 30
	LCSD 1	SW-846 8260C	trans-1,3-Dichloropropylene	93.9	70 - 130
	LCSD 1	SW-846 8260C	trans-1,4-Dichloro-2-butene	4.92	0 - 30
	LCSD 1	SW-846 8260C	trans-1,4-Dichloro-2-butene	81.2	70 - 130
	LCSD 1	SW-846 8260C	Trichloroethylene	0.615	0 - 30
	LCSD 1	SW-846 8260C	Trichloroethylene	100.0	70 - 130
	LCSD 1	SW-846 8260C	Trichlorofluoromethane	0.626	0 - 30
	LCSD 1	SW-846 8260C	Trichlorofluoromethane	104.0	70 - 130
	LCSD 1	SW-846 8260C	Trichlorotrifluoroethane	0.175	0 - 30
	LCSD 1	SW-846 8260C	Trichlorotrifluoroethane	102.0	70 - 130
	LCSD 1	SW-846 8260C	Vinyl chloride	1.59	0 - 30
	LCSD 1	SW-846 8260C	Vinyl chloride	102.0	70 - 130
	LCSD 1	SW-846 8260C	Xylenes (Total)	0.373	0 - 30
	LCSD 1	SW-846 8260C	Xylenes (Total)	103.0	70 - 130
QC1711124	Blank 1	SW-846 8260C	1,1,1,2-Tetrachloroethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,1,1-Trichloroethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,1,2,2-Tetrachloroethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,1,2-Trichloroethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,1-Dichloroethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,1-Dichloroethylene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,1-Dichloropropylene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2,3-Trichlorobenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2,3-Trichloropropane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2,4-Trichlorobenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2,4-Trimethylbenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2-Chlorotoluene	0.0	-0.5 - 0.5

QC Results

Batch ID	QC ID	Method	Parameter	% Recovery RPD	Control Limits
	Blank 1	SW-846 8260C	1,2-Dibromo-3-chloropropane (DBCP)	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2-Dichlorobenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2-Dichloroethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,2-Dichloropropane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,3,5-Trimethylbenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,3-Dichlorobenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,3-Dichloropropane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,4-Chlorotoluene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	1,4-Dichlorobenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	2,2-Dichloropropane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	2-Hexanone	0.0	-1 - 1
	Blank 1	SW-846 8260C	Acetone	0.0	-10 - 10
	Blank 1	SW-846 8260C	Acrylonitrile	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Benzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Bromobenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Bromodichloromethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Bromoform	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Bromomethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Carbon disulfide	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Carbon Tetrachloride	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Chlorobenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Chloroethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Chloroform	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Chloromethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	cis-1,2-Dichloroethylene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	cis-1,3-Dichloropropylene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Dibromochloromethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Dibromomethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Dichlorodifluoromethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Ethylbenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Ethylene Dibromide (EDB)	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Hexachlorobutadiene	0.0	-0.4 - 0.4
	Blank 1	SW-846 8260C	Isopropylbenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	m,p-Xylenes	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Methyl ethyl ketone	0.0	-2 - 2
	Blank 1	SW-846 8260C	Methyl iso-butyl ketone	0.0	-2 - 2
	Blank 1	SW-846 8260C	Methyl tert-butyl ether	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Methylene chloride	0.0	-1 - 1
	Blank 1	SW-846 8260C	Naphthalene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	n-Butylbenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	n-Propylbenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	o-Xylenes	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	p-Isopropyltoluene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	sec-Butylbenzene	0.0	-0.5 - 0.5

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	Blank 1	SW-846 8260C	Styrene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	tert-Butylbenzene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Tetrachloroethylene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Tetrahydrofuran	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Toluene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	trans-1,2-Dichloroethylene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	trans-1,3-Dichloropropylene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	trans-1,4-Dichloro-2-butene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Trichloroethylene	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Trichlorofluoromethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Trichlorotrifluoroethane	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Vinyl chloride	0.0	-0.5 - 0.5
	Blank 1	SW-846 8260C	Xylenes (Total)	0.0	-1 - 1
	LCS 1	SW-846 8260C	1,1,1,2-Tetrachloroethane	104.0	70 - 130
	LCS 1	SW-846 8260C	1,1,1-Trichloroethane	103.0	70 - 130
	LCS 1	SW-846 8260C	1,1,2,2-Tetrachloroethane	107.0	70 - 130
	LCS 1	SW-846 8260C	1,1,2-Trichloroethane	107.0	70 - 130
	LCS 1	SW-846 8260C	1,1-Dichloroethane	106.0	70 - 130
	LCS 1	SW-846 8260C	1,1-Dichloroethylene	104.0	70 - 130
	LCS 1	SW-846 8260C	1,1-Dichloropropylene	101.0	70 - 130
	LCS 1	SW-846 8260C	1,2,3-Trichlorobenzene	92.8	70 - 130
	LCS 1	SW-846 8260C	1,2,3-Trichloropropane	102.0	70 - 130
	LCS 1	SW-846 8260C	1,2,4-Trichlorobenzene	86.3	70 - 130
	LCS 1	SW-846 8260C	1,2,4-Trimethylbenzene	99.6	70 - 130
	LCS 1	SW-846 8260C	1,2-Chlorotoluene	104.0	70 - 130
	LCS 1	SW-846 8260C	1,2-Dibromo-3-chloropropane (DBCP)	93.5	70 - 130
	LCS 1	SW-846 8260C	1,2-Dichlorobenzene	97.0	70 - 130
	LCS 1	SW-846 8260C	1,2-Dichloroethane	107.0	70 - 130
	LCS 1	SW-846 8260C	1,2-Dichloropropane	102.0	70 - 130
	LCS 1	SW-846 8260C	1,3,5-Trimethylbenzene	97.7	70 - 130
	LCS 1	SW-846 8260C	1,3-Dichlorobenzene	101.0	70 - 130
	LCS 1	SW-846 8260C	1,3-Dichloropropane	104.0	70 - 130
	LCS 1	SW-846 8260C	1,4-Chlorotoluene	101.0	70 - 130
	LCS 1	SW-846 8260C	1,4-Dichlorobenzene	94.8	70 - 130
	LCS 1	SW-846 8260C	2,2-Dichloropropane	96.4	70 - 130
	LCS 1	SW-846 8260C	2-Hexanone	95.3	70 - 130
	LCS 1	SW-846 8260C	Acetone	107.0	70 - 130
	LCS 1	SW-846 8260C	Acrylonitrile	103.0	70 - 130
	LCS 1	SW-846 8260C	Benzene	104.0	70 - 130
	LCS 1	SW-846 8260C	Bromobenzene	105.0	70 - 130
	LCS 1	SW-846 8260C	Bromodichloromethane	105.0	70 - 130
	LCS 1	SW-846 8260C	Bromoform	107.0	70 - 130
	LCS 1	SW-846 8260C	Bromomethane	107.0	70 - 130
	LCS 1	SW-846 8260C	Carbon disulfide	103.0	70 - 130

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	LCS 1	SW-846 8260C	Carbon Tetrachloride	101.0	70 - 130
	LCS 1	SW-846 8260C	Chlorobenzene	101.0	70 - 130
	LCS 1	SW-846 8260C	Chloroethane	105.0	70 - 130
	LCS 1	SW-846 8260C	Chloroform	108.0	70 - 130
	LCS 1	SW-846 8260C	Chloromethane	107.0	70 - 130
	LCS 1	SW-846 8260C	cis-1,2-Dichloroethylene	101.0	70 - 130
	LCS 1	SW-846 8260C	cis-1,3-Dichloropropylene	101.0	70 - 130
	LCS 1	SW-846 8260C	Dibromochloromethane	104.0	70 - 130
	LCS 1	SW-846 8260C	Dibromomethane	105.0	70 - 130
	LCS 1	SW-846 8260C	Dichlorodifluoromethane	103.0	70 - 130
	LCS 1	SW-846 8260C	Ethylbenzene	97.2	70 - 130
	LCS 1	SW-846 8260C	Ethylene Dibromide (EDB)	103.0	70 - 130
	LCS 1	SW-846 8260C	Hexachlorobutadiene	90.3	70 - 130
	LCS 1	SW-846 8260C	Isopropylbenzene	99.4	70 - 130
	LCS 1	SW-846 8260C	Methyl ethyl ketone	102.0	70 - 130
	LCS 1	SW-846 8260C	Methyl iso-butyl ketone	101.0	70 - 130
	LCS 1	SW-846 8260C	Methyl tert-butyl ether	104.0	70 - 130
	LCS 1	SW-846 8260C	Methylene chloride	106.0	70 - 130
	LCS 1	SW-846 8260C	Naphthalene	94.6	70 - 130
	LCS 1	SW-846 8260C	n-Butylbenzene	86.6	70 - 130
	LCS 1	SW-846 8260C	n-Propylbenzene	99.4	70 - 130
	LCS 1	SW-846 8260C	p-Isopropyltoluene	90.8	70 - 130
	LCS 1	SW-846 8260C	sec-Butylbenzene	98.0	70 - 130
	LCS 1	SW-846 8260C	Styrene	105.0	70 - 130
	LCS 1	SW-846 8260C	tert-Butylbenzene	98.2	70 - 130
	LCS 1	SW-846 8260C	Tetrachloroethylene	99.0	70 - 130
	LCS 1	SW-846 8260C	Tetrahydrofuran	95.1	70 - 130
	LCS 1	SW-846 8260C	Toluene	102.0	70 - 130
	LCS 1	SW-846 8260C	trans-1,2-Dichloroethylene	104.0	70 - 130
	LCS 1	SW-846 8260C	trans-1,3-Dichloropropylene	99.5	70 - 130
	LCS 1	SW-846 8260C	trans-1,4-Dichloro-2-butene	99.9	70 - 130
	LCS 1	SW-846 8260C	Trichloroethylene	98.4	70 - 130
	LCS 1	SW-846 8260C	Trichlorofluoromethane	101.0	70 - 130
	LCS 1	SW-846 8260C	Trichlorotrifluoroethane	101.0	70 - 130
	LCS 1	SW-846 8260C	Vinyl chloride	102.0	70 - 130
	LCS 1	SW-846 8260C	Xylenes (Total)	102.0	70 - 130
	LCSD 1	SW-846 8260C	1,1,1,2-Tetrachloroethane	5.36	0 - 30
	LCSD 1	SW-846 8260C	1,1,1,2-Tetrachloroethane	98.9	70 - 130
	LCSD 1	SW-846 8260C	1,1,1-Trichloroethane	100.0	70 - 130
	LCSD 1	SW-846 8260C	1,1,1-Trichloroethane	2.13	0 - 30
	LCSD 1	SW-846 8260C	1,1,2,2-Tetrachloroethane	110.0	70 - 130
	LCSD 1	SW-846 8260C	1,1,2,2-Tetrachloroethane	3.02	0 - 30
	LCSD 1	SW-846 8260C	1,1,2-Trichloroethane	106.0	70 - 130
	LCSD 1	SW-846 8260C	1,1,2-Trichloroethane	0.819	0 - 30
	LCSD 1	SW-846 8260C	1,1-Dichloroethane	103.0	70 - 130

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	LCSD 1	SW-846 8260C	1,1-Dichloroethane	2.67	0 - 30
	LCSD 1	SW-846 8260C	1,1-Dichloroethylene	0.098	0 - 30
	LCSD 1	SW-846 8260C	1,1-Dichloroethylene	104.0	70 - 130
	LCSD 1	SW-846 8260C	1,1-Dichloropropylene	0.906	0 - 30
	LCSD 1	SW-846 8260C	1,1-Dichloropropylene	100.0	70 - 130
	LCSD 1	SW-846 8260C	1,2,3-Trichlorobenzene	0.292	0 - 30
	LCSD 1	SW-846 8260C	1,2,3-Trichlorobenzene	93.0	70 - 130
	LCSD 1	SW-846 8260C	1,2,3-Trichloropropane	106.0	70 - 130
	LCSD 1	SW-846 8260C	1,2,3-Trichloropropane	3.68	0 - 30
	LCSD 1	SW-846 8260C	1,2,4-Trichlorobenzene	1.76	0 - 30
	LCSD 1	SW-846 8260C	1,2,4-Trichlorobenzene	84.8	70 - 130
	LCSD 1	SW-846 8260C	1,2,4-Trimethylbenzene	8.36	0 - 30
	LCSD 1	SW-846 8260C	1,2,4-Trimethylbenzene	91.6	70 - 130
	LCSD 1	SW-846 8260C	1,2-Chlorotoluene	5.89	0 - 30
	LCSD 1	SW-846 8260C	1,2-Chlorotoluene	97.7	70 - 130
	LCSD 1	SW-846 8260C	1,2-Dibromo-3-chloropropane (DBCP)	103.0	70 - 130
	LCSD 1	SW-846 8260C	1,2-Dibromo-3-chloropropane (DBCP)	9.4	0 - 30
	LCSD 1	SW-846 8260C	1,2-Dichlorobenzene	93.2	70 - 130
	LCSD 1	SW-846 8260C	1,2-Dichlorobenzene	3.98	0 - 30
	LCSD 1	SW-846 8260C	1,2-Dichloroethane	0.712	0 - 30
	LCSD 1	SW 846 8260C	1,2-Dichloroethane	106.0	70 - 130
	LCSD 1	SW-846 8260C	1,2-Dichloropropane	2.09	0 - 30
	LCSD 1	SW-846 8260C	1,2-Dichloropropane	99.7	70 - 130
	LCSD 1	SW-846 8260C	1,3,5-Trimethylbenzene	5.2	0 - 30
	LCSD 1	SW-846 8260C	1,3,5-Trimethylbenzene	92.8	70 - 130
	LCSD 1	SW-846 8260C	1,3-Dichlorobenzene	7.21	0 - 30
	LCSD 1	SW-846 8260C	1,3-Dichlorobenzene	94.1	70 - 130
	LCSD 1	SW-846 8260C	1,3-Dichloropropane	0.767	0 - 30
	LCSD 1	SW-846 8260C	1,3-Dichloropropane	104.0	70 - 130
	LCSD 1	SW-846 8260C	1,4-Chlorotoluene	6.08	0 - 30
	LCSD 1	SW-846 8260C	1,4-Chlorotoluene	95.1	70 - 130
	LCSD 1	SW-846 8260C	1,4-Dichlorobenzene	3.95	0 - 30
	LCSD 1	SW-846 8260C	1,4-Dichlorobenzene	91.1	70 - 130
	LCSD 1	SW-846 8260C	2,2-Dichloropropane	1.46	0 - 30
	LCSD 1	SW-846 8260C	2,2-Dichloropropane	95.0	70 - 130
	LCSD 1	SW-846 8260C	2-Hexanone	109.0	70 - 130
	LCSD 1	SW-846 8260C	2-Hexanone	12.9	0 - 30
	LCSD 1	SW-846 8260C	Acetone	15.3	0 - 30
	LCSD 1	SW-846 8260C	Acetone	125.0	70 - 130
	LCSD 1	SW-846 8260C	Acrylonitrile	117.0	70 - 130
	LCSD 1	SW-846 8260C	Acrylonitrile	12.4	0 - 30
	LCSD 1	SW-846 8260C	Benzene	4.33	0 - 30
	LCSD 1	SW-846 8260C	Benzene	99.4	70 - 130
	LCSD 1	SW-846 8260C	Bromobenzene	5.37	0 - 30

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	LCSD 1	SW-846 8260C	Bromobenzene	99.5	70 - 130
	LCSD 1	SW-846 8260C	Bromodichloromethane	1.78	0 - 30
	LCSD 1	SW-846 8260C	Bromodichloromethane	103.0	70 - 130
	LCSD 1	SW-846 8260C	Bromoform	0.155	0 - 30
	LCSD 1	SW-846 8260C	Bromoform	107.0	70 - 130
	LCSD 1	SW-846 8260C	Bromomethane	103.0	70 - 130
	LCSD 1	SW-846 8260C	Bromomethane	3.07	0 - 30
	LCSD 1	SW-846 8260C	Carbon disulfide	1.21	0 - 30
	LCSD 1	SW-846 8260C	Carbon disulfide	101.0	70 - 130
	LCSD 1	SW-846 8260C	Carbon Tetrachloride	99.8	70 - 130
	LCSD 1	SW-846 8260C	Carbon Tetrachloride	1.53	0 - 30
	LCSD 1	SW-846 8260C	Chlorobenzene	5.41	0 - 30
	LCSD 1	SW-846 8260C	Chlorobenzene	95.3	70 - 130
	LCSD 1	SW-846 8260C	Chloroethane	103.0	70 - 130
	LCSD 1	SW-846 8260C	Chloroethane	2.47	0 - 30
	LCSD 1	SW-846 8260C	Chloroform	103.0	70 - 130
	LCSD 1	SW-846 8260C	Chloroform	5.24	0 - 30
	LCSD 1	SW-846 8260C	Chloromethane	100.0	70 - 130
	LCSD 1	SW-846 8260C	Chloromethane	6.31	0 - 30
	LCSD 1	SW-846 8260C	cis-1,2-Dichloroethylene	97.6	70 - 130
	LCSD 1	SW-846 8260C	cis-1,2-Dichloroethylene	3.85	0 - 30
	LCSD 1	SW-846 8260C	cis-1,3-Dichloropropylene	98.4	70 - 130
	LCSD 1	SW-846 8260C	cis-1,3-Dichloropropylene	2.27	0 - 30
	LCSD 1	SW-846 8260C	Dibromochloromethane	0.897	0 - 30
	LCSD 1	SW-846 8260C	Dibromochloromethane	103.0	70 - 130
	LCSD 1	SW-846 8260C	Dibromomethane	1.09	0 - 30
	LCSD 1	SW-846 8260C	Dibromomethane	106.0	70 - 130
	LCSD 1	SW-846 8260C	Dichlorodifluoromethane	0.098	0 - 30
	LCSD 1	SW-846 8260C	Dichlorodifluoromethane	102.0	70 - 130
	LCSD 1	SW-846 8260C	Ethylbenzene	93.3	70 - 130
	LCSD 1	SW-846 8260C	Ethylbenzene	4.1	0 - 30
	LCSD 1	SW-846 8260C	Ethylene Dibromide (EDB)	1.8	0 - 30
	LCSD 1	SW-846 8260C	Ethylene Dibromide (EDB)	105.0	70 - 130
	LCSD 1	SW-846 8260C	Hexachlorobutadiene	3.86	0 - 30
	LCSD 1	SW-846 8260C	Hexachlorobutadiene	86.8	70 - 130
	LCSD 1	SW-846 8260C	Isopropylbenzene	5.48	0 - 30
	LCSD 1	SW-846 8260C	Isopropylbenzene	94.1	70 - 130
	LCSD 1	SW-846 8260C	Methyl ethyl ketone	116.0	70 - 130
	LCSD 1	SW-846 8260C	Methyl ethyl ketone	12.8	0 - 30
	LCSD 1	SW-846 8260C	Methyl iso-butyl ketone	112.0	70 - 130
	LCSD 1	SW-846 8260C	Methyl iso-butyl ketone	10.7	0 - 30
	LCSD 1	SW-846 8260C	Methyl tert-butyl ether	2.59	0 - 30
	LCSD 1	SW-846 8260C	Methyl tert-butyl ether	107.0	70 - 130
	LCSD 1	SW-846 8260C	Methylene chloride	0.32	0 - 30
	LCSD 1	SW-846 8260C	Methylene chloride	106.0	70 - 130

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860-793-8866

The results recorded in this report relate only to the samples as received on the date and time noted.

NA = not analyzed

QC Results

<u>Batch ID</u>	<u>QC ID</u>	<u>Method</u>	<u>Parameter</u>	<u>% Recovery</u> <u>RPD</u>	<u>Control Limits</u>
	LCSD 1	SW-846 8260C	Naphthalene	102.0	70 - 130
	LCSD 1	SW-846 8260C	Naphthalene	7.16	0 - 30
	LCSD 1	SW-846 8260C	n-Butylbenzene	1.58	0 - 30
	LCSD 1	SW-846 8260C	n-Butylbenzene	85.2	70 - 130
	LCSD 1	SW-846 8260C	n-Propylbenzene	94.5	70 - 130
	LCSD 1	SW-846 8260C	n-Propylbenzene	5.07	0 - 30
	LCSD 1	SW-846 8260C	p-Isopropyltoluene	2.06	0 - 30
	LCSD 1	SW-846 8260C	p-Isopropyltoluene	88.9	70 - 130
	LCSD 1	SW-846 8260C	sec-Butylbenzene	5.01	0 - 30
	LCSD 1	SW-846 8260C	sec-Butylbenzene	93.2	70 - 130
	LCSD 1	SW-846 8260C	Styrene	6.18	0 - 30
	LCSD 1	SW-846 8260C	Styrene	98.6	70 - 130
	LCSD 1	SW-846 8260C	tert-Butylbenzene	5.22	0 - 30
	LCSD 1	SW-846 8260C	tert-Butylbenzene	93.2	70 - 130
	LCSD 1	SW-846 8260C	Tetrachloroethylene	93.9	70 - 130
	LCSD 1	SW-846 8260C	Tetrachloroethylene	5.31	0 - 30
	LCSD 1	SW-846 8260C	Tetrahydrofuran	13.0	0 - 30
	LCSD 1	SW-846 8260C	Tetrahydrofuran	108.0	70 - 130
	LCSD 1	SW-846 8260C	Toluene	3.45	0 - 30
	LCSD 1	SW-846 8260C	Toluene	98.8	70 - 130
	LCSD 1	SW-846 8260C	trans-1,2-Dichloroethylene	1.64	0 - 30
	LCSD 1	SW-846 8260C	trans-1,2-Dichloroethylene	102.0	70 - 130
	LCSD 1	SW-846 8260C	trans-1,3-Dichloropropylene	0.135	0 - 30
	LCSD 1	SW-846 8260C	trans-1,3-Dichloropropylene	99.6	70 - 130
	LCSD 1	SW-846 8260C	trans-1,4-Dichloro-2-butene	4.74	0 - 30
	LCSD 1	SW-846 8260C	trans-1,4-Dichloro-2-butene	105.0	70 - 130
	LCSD 1	SW-846 8260C	Trichloroethylene	0.821	0 - 30
	LCSD 1	SW-846 8260C	Trichloroethylene	97.6	70 - 130
	LCSD 1	SW-846 8260C	Trichlorofluoromethane	1.55	0 - 30
	LCSD 1	SW-846 8260C	Trichlorofluoromethane	99.6	70 - 130
	LCSD 1	SW-846 8260C	Trichlorotrifluoroethane	1.44	0 - 30
	LCSD 1	SW-846 8260C	Trichlorotrifluoroethane	103.0	70 - 130
	LCSD 1	SW-846 8260C	Vinyl chloride	2.01	0 - 30
	LCSD 1	SW-846 8260C	Vinyl chloride	99.8	70 - 130
	LCSD 1	SW-846 8260C	Xylenes (Total)	95.6	70 - 130
	LCSD 1	SW-846 8260C	Xylenes (Total)	6.17	0 - 30

EXPLANATION OF QUALIFIERS

Qualifier	Definition
J	Estimated Value: %Difference of daily calibration standard outside control limits.
H	Estimated Value: Concentration above calibration range.
R	Sample results rejected due to poor surrogate and/or internal standard recoveries associated with these parameters.
B	Qualified due to the presence of compound in the blank.
I	Qualified: Internal standard response outside of acceptable limits.
XC	Qualified due to coelution.

This report is intended only to be used in its entirety. Therefore the signature is listed at the end of the report. If it is intended to use part of the report, you must contact the laboratory.



LABORATORY ANALYSIS RCP CERTIFICATION FORM

Laboratory : Tunxis Laboratories, LLC

Project Location: 69 East Main Street, Meridan, CT

		Yes	No	N/A
1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed(including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEEP method specific Reasonable Confidence Protocol documents)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1A	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1B	VPH and EPH Methods only: Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Were samples received at appropriate temperature (4° C ± 2°)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Were all QA/QC performance criteria specified in CT DEP Reasonable Confidence Protocol documents achieved?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	a) Were reporting limits specified or referenced on the chain of custody?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	b) Were these reporting limits met?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

For all questions to which the response was "No"(with the exception of question #7),additional information must be provided in an attached narrative. If the answer to question #1, #1A or question#1B is "No", the data package does not meet the requirements for "Reasonable Confidence"

This certification form is to be used for RCP methods only.

I, the undersigned, attest under pains and penalties of perjury that, to the best of my knowledge and belief and based on my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.



Lab Director

100 Northwest Drive, Plainville, CT 06062
phone (860) 793-8866

CHAIN-OF-CUSTODY

Chain of Custody # 6985

Tunxis Laboratories, LLC
 100 Northwest Drive
 Plainville, Connecticut 06062

Tel: (860) 793-8866

Client:		Project Location:		Analysis Required:		Project Number / P.O. Number		
Laurens Engineering Associates 100 Northwest Drive Plainville, CT 06062		6A East Main St. Meriden, CT 06451		PAH 8370 Metals PCBs CT EPA Total Pb		SB ML 701.003		
REPORT TO: Kyle Braski						Turnaround: 14 days Rush		
INVOICE TO: Kyle Braski						Transfer Number		
Item	Sample Number	Source Code	Date of Collection	Time of Collection	Container Information		Tunxis Lab. No.	
					Number	Type	1 2 3 4	
					Volume	Pres.		
1	1376349	S	10/26/17	915	3	L	40 X/I	-018
2	1376350	MW		1000	1	L	40 H/B	-019
3	1376342	S		853	5	1/4	40/2 X/I	-001
4	1376343			955	5	1/6	40/2 X/I	-002
5	1376344			1220	5	1/6	40/1 X/I	-003
6	1376345			1220	5	1/6	40/2 X/I	-004
7	1376346			1255	5	1/6	40/2 X/I	-005
8	1376347			930	2	G	4 I	-006
9	1376348	S		945	2	G	4 I	-007
10	1376352	MW		1151	5	1/4	40/1 H/B	-008
11	1376352A			1157	1	P	250 H/B	-009
12	1376351			1046	5	1/4	40/1 H/B	-010
13	1376351A	MW	10/26/17	1046	1	P	250 H/B	-011

Sampler:	Transfer Number	Relinquished By	Accepted By	Date	Time	Comments:
K. Volkert	1			10/26/17	17:00	RLS must meet
J. Corcoran	2			10/26/17	17:55	CT DEEP RSRs
	3					
	4					REP QA/QC

9°C used

CHAIN-OF-CUSTODY

Chain of Custody # **6984**

Tunxis Laboratories, LLC

100 Northwest Drive
Plainville, Connecticut 06062
Tel: (860) 793-8866

Project Number / P.O. Number

58ML701.003

17102617

Analysis Required:

Project Location:

6A East Main St.
Meriden, CT 06451

Client:

houevo Engineering Associates
100 Northwest Drive
Plainville, CT 06062

REPORT TO: KYLE ZALASKI

INVOICE TO: KYLE ZALASKI

Item	Sample Number	Source Code	Date of Collection	Time of Collection	Container Information		
					Number	Type	Volume
1	1376353	MW	10/26/17	1411	5	E/A	40% H/E
2	1376353	↓	↓	1411	1	P	250 M/E
3	1376354	↓	↓	1411	5	E/A	40% H/E
4	1376354	↓	↓	1411	1	P	250 M/E
5	1376355	↓	↓	1517	5	E/A	40% H/E
6	1376355	MW	10/26/17	1517	1	P	250 M/E
7	1376356	↓	↓		5	E/A	40% H/E
8	1376357	↓	↓		1	P	250 M/E
9	1376351	↓	↓		5	E/A	40% H/E
10	1376351	MW	10/26/17		1	P	250 M/E
11							
12							
13							

Sampler:

K. Volkart
J. Corcoran

Source Codes: W=Well MW=Monitoring Well RO=Runoff B=Bottom Sediment T=Treatment Facility

S=Soil SG=Sludge LF=Landfill L=Lake/Ocean O=Outfall X=Other. Please Specify

Preservation Code: I=Iced S=H2SO4 N=HNO3

H=HCL R=NaOH T=Sodium Thiosulfate F=Filtered

Accepted By

Relinquished By

Transfer Number

Date

Time

Comments:

1			10/26/17	1700			
2			10/26/17	1755			
3							
4							

RLs must meet
CT DEEP RESs
RCP QA/QC