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September 18, 2014 Project 130274

Mr. Joseph T. Martella, II
Rhode Island Department of Environmental Management
Office of Waste Management
235 Promenade Street
Providence, RI 02908-5767

Re: Status Report: June, July, and August 2014 Activities
Former Gorham Manufacturing Facility
333 Adelaide Avenue, Providence, RI
Site Remediation Case No. 97-030

Dear Mr. Martella:

CB&I Environmental & Infrastructure, Inc. (CB&I), has prepared this status report on behalf of Textron, Inc. (Textron). This status report is associated with the remediation of tetrachloroethene (PCE) contaminated groundwater at the former Gorham Manufacturing Facility at 333 Adelaide Avenue, Providence, Rhode Island (**Figure 1**).

PCE is the primary contaminant of concern for groundwater in this area. As discussed in the Remedial Action Work Plan (RAWP) and subsequent revisions, the PCE source area in the vicinity of the former building W is the area of concern with a site-specific remedial goal of 7,700 micrograms per liter (ug/L). This area was treated using in-situ applications of sodium permanganate. **Figure 2** shows the most recent treatment area.

This status report describes groundwater monitoring activities conducted at the site by CB&I. This report includes results of groundwater sampling and analysis conducted in June, July, and August of 2014.

FIELD ACTIVITIES

Limited VOC Sampling Activities June and July 2014

Limited groundwater sampling was conducted in June and July 2014. Monitoring wells MW-112, MW-116D, and MW-116S were sampled for volatile organic compound (VOC) analysis. Groundwater elevation results for these wells are included in **Table 2**.

Groundwater Sampling

Groundwater samples were collected for VOC analysis (EPA Method 8260C) from the three monitoring wells (MW-112, MW-116D, and MW-116S) on June 10 and July 11, 2014. Groundwater samples were delivered to Con-Test Analytical Laboratory in East Longmeadow, Massachusetts for analysis.

Groundwater Sampling Activities August 2014

The monitoring wells that comprise the current semi-annual groundwater monitoring activities program were monitored for field parameters and sampled for analysis on August 22, 2014.

Monitoring Activities

Field parameters were measured in treatment area wells and compliance wells on August 22, 2014. Field measurements included oxidation/reduction potential (ORP), dissolved oxygen (DO), pH, temperature, and specific conductance (SC). Groundwater elevation and light non-aqueous phase liquid (LNAPL) thickness measurements were also collected. Elevation and field parameter results are presented in **Tables 1** and **2**.

Groundwater Sampling

On August 22, 2014 groundwater samples were collected for analysis for VOCs (EPA Method 8260C) from 21 monitoring wells within and around the treatment area, including the compliance wells. (Note that 21 samples were collected, however, the laboratory inadvertently failed to analyze the sample from well MW-202S before the method hold time had expired. Therefore, the sample for MW-202S was not analyzed for this event.) One duplicate sample was collected from MW-101S (MW-101S DUP) for VOC analysis. One sample was collected for total petroleum hydrocarbon (TPH) analysis (modified EPA Method 8015 C) from monitoring well CW-6. One duplicate sample was collected from CW-6 (CW-6 DUP) for TPH analysis. Samples were also collected for lead analysis (EPA Method 6010C) from monitoring wells MW-109D and GZA-3. One duplicate sample was collected from GZA-3 (GZA-3 DUP) for lead analysis. Groundwater samples were delivered to Con-Test Analytical Laboratory in East Longmeadow, Massachusetts for analysis.

SUMMARY OF ANALYTICAL DATA

A summary of the analytical data associated with the groundwater sampling conducted on June 10, July 11 and August 22, 2014 is contained in **Table 3**. A copy of each laboratory analytical report is also attached to this report. The measured PCE concentrations were below the treatment goal of 7,700 ug/L in all wells except for well MW-101S and MW-201D; both wells had a PCE concentration of 14,000 ug/L on August 22, 2014. Note that the PCE concentrations in well MW-112 ranged from 3,500 ug/L on June 10, 2014 to 1,700 ug/L on July11, 2014 to 2,600 ug/L on August 22, 2014

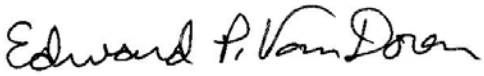
A summary of the compliance well results is contained in **Table 4**. The results for the compliance well sampling indicate that exceedances of the compliance standard occurred for the Adelaide Avenue wells MW-112 and MW-209D for PCE. However, well MW-209D is not a water table well. The top of the well screen for MW-209D is set approximately 30 feet below the water table. (Note: due to sample dilution by the laboratory, the laboratory analytical reporting limits for 1,1-dichloroethene and vinyl chloride for well MW-112, for the July and August 2014 results, were above the compound compliance standard.)

FUTURE ACTIVITIES

The next limited sampling events are scheduled for September and October 2014. The next complete round of sampling (i.e., wells included in the semi-annual sampling event) is scheduled for November 2014.

If you have any questions regarding this report, please contact Ed Van Doren at (617) 589-4030.

Sincerely,



Edward P. VanDoren
Project Manager
CB&I Environmental & Infrastructure, Inc.

Enclosures:

Table 1 – Groundwater Elevations
Table 2 – Summary Field Parameters
Table 3 – VOCs in Groundwater
Table 4 – Compliance Wells Analytical Results

Figure 1 – Site Plan
Figure 2 – Injection Well Locations

Attachment A - Laboratory Analytical Reports

cc: Craig Roy, RIDEM OWR
Greg Simpson, Textron
Jamieson Schiff, Textron
Dave Heislein, AMEC
Robert Azar, Providence Redevelopment Agency
Jeff Morgan, Stop & Shop
Ronald Ruth, Sherin and Lodgen

CERTIFICATIONS

The following certifications are provided pursuant to Rule 9.19 of the Remediation Regulations:

I, Edward P. Van Doren, as an authorized representative of CB&I Environmental & Infrastructure, Inc., and the person responsible for the preparation of this Status Report dated September 18, 2014, certify that the information contained in this report is complete and accurate to the best of my knowledge.

Edward P. Van Doren

Edward P. Van Doren
Project Manager

9-23-2014

Date:

We, Textron, Inc., as the party responsible for submittal of this Status Report, certify that this report is a complete and accurate representation of the contaminated site and the release, and contains all known facts surrounding the release, to the best of our knowledge.

Certification on behalf of Textron Inc.

Gregory L. Simpson
Project Manager

9/19/14

Date:

TABLES

Table 1
Summary Field Parameters
June - August 2014

Former Gorham Manufacturing Facility
Providence, Rhode Island

Well ID	DATE	pH	Temperature (deg. C°)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)
MW-101D	8/22/2014	6.03	14.25	0.126	0.31	152.5
MW-101S	8/22/2014	6.18	14.54	1.154	1.07	118.9
MW-112	8/22/2014	5.94	13.70	1.693	5.90	236.2
MW-116D	8/22/2014	11.59	14.20	0.424	2.26	212.8
MW-116S	8/22/2014	12.22	16.67	0.181	10.54	140.3
MW-201D	8/22/2014	7.00	14.58	1.171	1.04	219.2
MW-202D	8/22/2014	6.48	14.97	0.412	0.24	37.1
MW-202S	8/22/2014	6.47	14.77	0.781	0.22	28.6
MW-207D	8/22/2014	6.51	15.21	0.159	0.32	-179.0
MW-207S	8/22/2014	6.74	15.27	0.800	0.41	161.3
MW-209D	8/22/2014	6.58	13.73	0.536	3.11	139.2
MW-216D	8/22/2014	11.72	14.65	0.473	2.54	-33.7
MW-216S	8/22/2014	11.94	14.78	0.730	1.60	-100.5
MW-217D	8/22/2014	11.78	14.76	0.540	2.70	-110.3
MW-217S	8/22/2014	11.76	14.46	0.741	2.51	-76.4
MW-218D	8/22/2014	6.25	14.04	0.310	3.88	255.9
MW-218S	8/22/2014	6.62	14.16	0.801	4.75	187.1

Notes:

C° = degrees Celsius

mS/cm = millisiemens per centimeter

mg/L = milligrams per liter

mV = milli volts

TABLE 2
GROUNDWATER ELEVATION DATA *09/11/14*
(06/10/14 - 08/22/14)

Textron Gorham
Providence, Rhode Island

Location	Date	Reference Elevation (Feet)	Depth to Water (Feet)	Depth to LNAPL (Feet)	LNAPL Thickness (Feet)	Groundwater Elevation (Feet)	Notes
CW-01	08/22/14	99.52	25.82	--	--	73.70	DTB = 54.26'
CW-02	08/22/14	98.86	25.03	--	--	73.83	DTB = 54.47'
CW-06	08/22/14	99.52	25.71	--	--	73.81	DTB = 33.25'
GZA-3	08/22/14	NA	17.58	--	--	NA	DTB = 21.90'
MW-101D	08/22/14	98.91	25.03	--	--	73.88	DTB = 46.11'
MW-101S	08/22/14	98.90	25.07	--	--	73.83	DTB = 28.53'
MW-109D	08/22/14	NA	19.32	--	--	NA	DTB = 74.66'
MW-112	06/10/14	100.63	26.36	--	--	74.27	DTB = 34.35'
MW-112	07/11/14	100.63	26.55	--	--	74.08	DTB = 34.35'
MW-112	08/22/14	100.63	26.92	--	--	73.71	DTB = 34.37'
MW-116D	06/10/14	98.92	24.53	--	--	74.39	DTB = 44.07'
MW-116D	07/11/14	98.92	24.63	--	--	74.29	DTB = 44.08'
MW-116D	08/22/14	98.92	25.19	--	--	73.73	DTB = 44.25'
MW-116S	06/10/14	99.40	24.85	--	--	74.55	DTB = 28.40'
MW-116S	07/11/14	99.40	25.25	--	--	74.15	DTB = 28.39'
MW-116S	08/22/14	99.40	25.64	--	--	73.76	DTB = 28.55'
MW-201D	08/22/14	98.80	25.02	--	--	73.78	DTB = 47.31'
MW-202D	08/22/14	98.17	24.31	--	--	73.86	DTB = 48.86'
MW-202S	08/22/14	98.06	24.38	--	--	73.68	DTB = 38.05'
MW-207D	08/22/14	98.18	24.41	--	--	73.77	DTB = 51.39'
MW-207S	08/22/14	98.28	24.48	--	--	73.80	DTB = 38.14'
MW-209D	08/22/14	99.90	26.64	--	--	73.26	DTB = 62.15'
MW-216D	08/22/14	98.69	25.79	--	--	72.90	DTB = 39.35'
MW-216S	08/22/14	99.58	25.79	--	--	73.79	DTB = 29.63'
MW-217D	08/22/14	98.65	25.17	--	--	73.48	DTB = 46.84'
MW-217S	08/22/14	98.71	25.22	--	--	73.49	DTB = 29.52'
MW-218D	08/22/14	99.67	25.87	--	--	73.80	DTB = 46.63'
MW-218S	08/22/14	99.61	25.81	--	--	73.80	DTB = 29.44'
MW-220S	08/22/14	99.41	25.59	--	--	73.82	DTB = 31.80'
MW-221S	08/22/14	98.92	27.03	26.01	1.02	72.84	

Notes:
feet = feet measured below ground surface NA = Not Available NM = Not Measured

TABLE 3
Groundwater Analytical Results
Detected Compounds
June 2014 - August 2014

Former Gorham Manufacturing Facility
Providence, Rhode Island

CONSTITUENT	CW-01 8/22/2014 Primary	CW-02 8/22/2014 Primary	CW-06 8/22/2014 Primary	CW-06 8/22/2014 Duplicate	GZA-3 8/22/2014 Primary	GZA-3 8/22/2014 Duplicate	MW-101D 8/22/2014 Primary	MW-101S 8/22/2014 Primary	MW-101S 8/22/2014 Duplicate	MW-109D 8/22/2014 Primary	MW-112 6/10/2014 Primary	MW-112 7/11/2014 Primary	MW-112 8/22/2014 Primary
(VOC (ug/L)													
1,1-Dichloroethane	<7.9D	<0.16	---	---	<0.32D	---	<0.16	<0.16	<0.16	<0.16	<1.0	<25D	<16D
1,1-Dichloroethene	53D	<0.21	---	---	<0.42D	---	<0.21	<0.21	<0.21	<0.21	<1.0	<25D	<21D
1,2,4-Trimethylbenzene	<9.0D	<0.18	---	---	<0.36D	---	<0.18	<0.18	<0.18	<0.18	<1.0	<25D	<18D
1,3,5-Trimethylbenzene	<5.0D	<0.10	---	---	<0.20D	---	<0.10	<0.10	<0.10	<0.10	<1.0	<25D	<10D
Chloroform	<7.2D	<0.14	---	---	<0.29D	---	<0.14	<0.14	<0.14	<0.14	<2.0J	<50D	<14D
cis-1,2-Dichloroethene	170D	<0.15	---	---	30D	---	5.6	110	110	<0.15	<1.0J	<25D	<15D
Ethylbenzene	<4.6D	<0.092	---	---	<0.18D	---	<0.092	<0.092	<0.092	<0.092	<1.0	<25D	<9.2D
Naphthalene	<6.0D	<0.12	---	---	<0.24D	---	<0.12	<0.12	<0.12	<0.12	<2.0	<50D	<12D
Tetrachloroethene	92D	<0.080	---	---	<0.16D	---	17	14000D	14000D	<0.080	3500D	1700D	2600D
Trichloroethene	3700D	<0.077J	---	---	<0.15JD	---	<0.077J	16	17	<0.077J	4	<25D	<7.7D
Vinyl chloride	<6.6D	<0.13	---	---	30D	---	<0.13	7	7	<0.13	<2.0	<50D	<13D
m/p-xylene	<9.0D	<0.18	---	---	<0.36D	---	<0.18	<0.18	<0.18	<0.18	<2.0	<50D	<18D
o-Xylene	<5.5D	<0.11	---	---	<0.22D	---	<0.11	<0.11	<0.11	<0.11	<1.0	<25D	<11D
TPH (mg/L)													
TPH	---	---	5.7	5.5	---	---	---	---	---	---	---	---	---
Lead (mg/L)													
Lead (Dissolved)	---	---	---	---	<0.010	<0.010	---	---	---	<0.010	---	---	---

ug/L = Micrograms per liter, parts per billion
mg/L = Milligrams per liter, parts per million
TPH = Total Petroleum Hydrocarbons
D = Result reported from a diluted sample
J = Result is an estimated value
Lead was not detected during this reporting period.
ug/L = Microg
mg/L = Milligr
TPH = Total P

TABLE 3
Groundwater Analytical Results
Detected Compounds
June 2014 - August 2014

Former Gorham Manufacturing Facility
Providence, Rhode Island

CONSTITUENT	MW-116D 6/10/2014 Primary	MW-116D 7/11/2014 Primary	MW-116D 8/22/2014 Primary	MW-116S 6/10/2014 Primary	MW-116S 7/11/2014 Primary	MW-116S 8/22/2014 Primary	MW-201D 8/22/2014 Primary	MW-202D 8/22/2014 Primary	MW-207D 8/22/2014 Primary	MW-207S 8/22/2014 Primary
(VOC (ug/L)										
1,1-Dichloroethane	<1.0	<1.0	<0.16	<1.0	<1.0	<0.16	<32D	<0.16	<0.16	1
1,1-Dichloroethene	<1.0	<1.0	<0.21	<1.0	<1.0	<0.21	<42D	<0.21	<0.21	<0.21
1,2,4-Trimethylbenzene	<1.0	<1.0	<0.18	<1.0	<1.0	<0.18	<36D	<0.18	<0.18	<0.18
1,3,5-Trimethylbenzene	<1.0	<1.0	<0.10	<1.0	<1.0	<0.10	<20D	<0.10	<0.10	<0.10
Chloroform	<2.0	<2.0	<0.14	<2.0	<2.0	<0.14	<29D	<0.14J	<0.14	<0.14
cis-1,2-Dichloroethene	<1.0	<1.0	<0.15	<1.0	<1.0	<0.15	<29D	<0.15J	18	3.2
Ethylbenzene	<1.0	<1.0	<0.092	<1.0	<1.0	<0.092	<18D	<0.092	<0.092	<0.092
Naphthalene	<2.0	<2.0	<0.12	<2.0	<2.0	<0.12	<24D	<0.12	<0.12	<0.12
Tetrachloroethene	<1.0	<1.0	<0.080	<1.0	<1.0	<0.080	14000D	210D	11	62
Trichloroethene	<1.0J	<1.0J	<0.077J	<1.0	<1.0	<0.077	320D	1.7	1.6	3.7
Vinyl chloride	<2.0	<2.0	<0.13	<2.0	<2.0	<0.13	<27D	<0.13	<0.13	<0.13
m/p-xylene	<2.0	<2.0	<0.18	<2.0	<2.0	<0.18	<36D	<0.18	<0.18	<0.18
o-Xylene	<1.0	<1.0	<0.11	<1.0	<1.0	<0.11	<22D	<0.11	<0.11	<0.11
TPH (mg/L)										
TPH	---	---	---	---	---	---	---	---	---	---
Lead (mg/L)										
Lead (Dissolved)	---	---	---	---	---	---	---	---	---	---

grams per liter, parts per billion
rams per liter, parts per million
etroleum Hydrocarbons

D = Result reported from a diluted sample
J = Result is an estimated value
Lead was not detected during this reporting period.

TABLE 3
Groundwater Analytical Results
Detected Compounds
June 2014 - August 2014

Former Gorham Manufacturing Facility
Providence, Rhode Island

CONSTITUENT	MW-209D 8/22/2014 Primary	MW-216D 8/22/2014 Primary	MW-216S 8/22/2014 Primary	MW-217D 8/22/2014 Primary	MW-217S 8/22/2014 Primary	MW-218D 8/22/2014 Primary	MW-218S 8/22/2014 Primary
(VOC (ug/L)							
1,1-Dichloroethane	<1.6D	<0.16	<0.32JD	<0.16	<0.16J	<0.32D	<0.16
1,1-Dichloroethene	<2.1D	<0.21	<0.42D	<0.21	<0.21	<0.42D	<0.21
1,2,4-Trimethylbenzene	<1.8D	<0.18	13D	<0.18	<0.18	<0.36D	<0.18
1,3,5-Trimethylbenzene	<1.0D	<0.10	8.4D	<0.10	<0.10	<0.20D	<0.10
Chloroform	<1.4D	<0.14	<0.29D	<0.14	<0.14	8.0D	<0.14
cis-1,2-Dichloroethene	87D	<0.15J	76D	14	16	<0.29JD	<0.15J
Ethylbenzene	<0.92D	<0.092	3.1D	<0.092J	1.3	<0.18D	<0.092
Naphthalene	<1.2D	<0.12	27D	<0.12	4.5	<0.24D	<0.12
Tetrachloroethene	810D	<0.080	<0.16D	<0.080J	2.2	110D	9.4
Trichloroethene	170D	1.1	<0.15D	4.8	<0.077J	8.2D	<0.077J
Vinyl chloride	<1.3D	<0.13	<0.27D	<0.13	6.1	<0.27D	<0.13
m/p-xylene	<1.8D	<0.18	6.2D	<0.18	<0.18J	<0.36D	<0.18
o-Xylene	<1.1D	<0.11	9.8D	<0.11	<0.11J	<0.22D	<0.11
TPH (mg/L)							
TPH	---	---	---	---	---	---	---
Lead (mg/L)							
Lead (Dissolved)	---	---	---	---	---	---	---

ug/L = Micrograms per liter, parts per billion
mg/L = Milligrams per liter, parts per million
TPH = Total Petroleum Hydrocarbons
D = Result reported from a diluted sample
J = Result is an estimated value
Lead was not detected during this reporting period.

TABLE 4
Groundwater Analytical Results
June 2014 - August 2014

Former Gorham Manufacturing Facility
Providence, Rhode Island

Mashapaug Pond Compliance Wells				
Sample ID	**GZA-3**	**GZA-3**	**MW-109D**	**Compliance**
Date Collected	**8/22/2014**	**8/22/2014**	**8/22/2014**	**Standard[1]**
CONSTITUENT	**Primary**	**Duplicate**	**Primary**	
Metals (mg/L)				
Lead	<0.010	<0.010	<0.010	0.03
VOCs (ug/L)				
1,1-Dichloroethane	<0.32D	---	<0.16	50,000
1,1-Dichloroethene	<0.42D	---	<0.21	50,000
cis-1,2-Dichloroethene	30D	---	<0.15	50,000
Tetrachloroethene	<0.16D	---	<0.080	5,000
Trichloroethene	<0.15JD	---	<0.077J	20,000
Vinyl chloride	30D	---	<0.13	1,200

TPH Remediation Area Well			
Sample ID	**CW-06**	**CW-06**	**Compliance**
Date Collected	**8/22/2014**	**8/22/2014**	**Standard[1]**
CONSTITUENT	**Primary**	**Duplicate 1**	
TPH (mg/L)			
TPH	5.7	5.5	20

Sewer Interceptor Area Wells			
Sample ID	**CW-01**	**CW-02**	**Compliance**
Date Collected	**8/22/2014**	**8/22/2014**	**Standard[2]**
CONSTITUENT	**Primary**	**Primary**	
VOCs (ug/L)			
1,1-Dichloroethane	<7.9D	<0.16	120,000
1,1-Dichloroethene	53D	<0.21	23,000
cis-1,2-Dichloroethene	170D	<0.15	69,000
trans-1,2-Dichloroethene	<7.5JD	<0.15	79,000
Tetrachloroethene	92D	<0.080	NS
Trichloroethene	3700D	<0.077J	87,000

Adelaide Avenue Wells							
Sample ID	**MW-112**	**MW-112**	**MW-112**	**MW-209D**	**MW-218D**	**MW-218S**	**Compliance**
Date Collected	**6/10/2014**	**7/11/2014**	**8/22/2014**	**8/22/2014**	**8/22/2014**	**8/22/2014**	**Standard[3]**
CONSTITUENT	**Primary**	**Primary**	**Primary**	**Primary**	**Primary**	**Primary**	
VOCs (ug/L)							
1,1-Dichloroethane	<1.0	<25D	<16D	<1.6D	<0.32D	<0.16	2,400
1,1-Dichloroethene	<1.0	<25D	<21D	<2.1D	<0.42D	<0.21	7
cis-1,2-Dichloroethene	<1.0J	<25D	<15D	87D	<0.29JD	<0.15J	1,900
Tetrachloroethene	3500D	1700D	2600D	810D	110D	9.4	150
Trichloroethene	4	<25D	<7.7D	170D	8.2D	<0.077J	540
Vinyl chloride	<2.0	<50D	<13D	<1.3D	<0.27D	<0.13	2

1. These site specific compliance standards were taken from the approved RAWP dated April 1, 2001 and/or the RIDEM Remediation Regulations.
   Note: The standard for Methyl tert-butyl ether is the Massachusetts Department of Environmental Protection (MassDEP) Method 1 GW-3 standard (310 CMR 40.0974 (2), 12/14/07. The use of the MassDEP Method 1 GW-3 standard is consistent with the approach used in the April 1, 2001 RAWP.
2. These compliance standards taken from Table 5 - Upper Concentration Limits for GB Groundwater, RIDEM Remediation Regulations.
3. These compliance standards taken from Table 4 - GB Groundwater Objectives of the RIDEM Remediation Regulations or in the case of vinyl chloride the compliance standard was taken from Table 3 of the Remediation Regulations and for chloroform the compliance standard was calculated from the algorithm in Appendix F of the Remediation Regulations (calculations attached as Appendix C of Status Report dated September 18, 2007.

NS = Indicates that no applicable standard exists. Compound does not have a lower explosive limit (LEL).
NA = Indicates that the analysis was not performed.
< = Less than the laboratory reporting limit
ug/L = Micrograms per liter, parts per billion
mg/L = Milligrams per liter, parts per million
TPH = Total Petroleum Hydrocarbons
VOCs = Volatile organic compounds
-- = Not analyzed for
D = Result reported from a diluted sample

FIGURES

LEGEND

MW-101S MONITORING WELL

N

GZA-6
GZA-3
MW-109D
GZA-5
CW-6
MW-220S
MW-221S
CW-2
CW-1
MW-217S
MW-217D
MW-206S
MW-206D
MW-204D
MW-204S
MW-207S
MW-207D
MW-202S
MW-214
MW-202D
MW-215
MW-208D
MW-208S
04IN02
MW-201S
MW-213
SB-2
MW-211
MW-101S
MW-201D
MW-210
MW-219B
MW-219A
MW-101D
04IS05
SB-1
MW-212
MW-203S
MW-203D
MW-205
04IS04
MW-218S
MW-218D
04IS03
04IS02
MW-209
MW-112
(CW-3)
MW-116D
MW-116S
MW-216D
MW-216S

STOP & SHOP SUPERMARKET

PROPOSED FUELING FACILITY

FUTURE DEVELOPMENT

80' COMBINED SEWER LINE

PROPERTY LINE ALONG CHAIN LINK FENCE

AMTRAK RIGHT OF WAY - 66' WIDE

NAIL FOUND

NAIL FOUND

DOWNING

30.00'

0 80 160

SCALE IN FEET

1" 1/2" 0" 1"

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SHAW ENVIRONMENTAL, INC. (A CB&I COMPANY)

DATE 4/2/13
DWN J.O'D.
APP
REV
PROJECT NO. 101960

FIGURE 1
TEXTRON PROVIDENCE
333 ADELAIDE AVENUE
PROVIDENCE, RHODE ISLAND
SITE PLAN

LEGEND

MW-101S — MONITORING WELL

SB-2 — SOIL BORING

04IS01 — INJECTION WELL

MW-204D
MW-204S
MW-207D
MW-207S
MW-206S
MW-206D
MW-201S
MW-201D
MW-208D
MW-208S
MW-202S
04IN04
04IN03
04IN02
04IN01
SB-2
MW-101S
MW-101D
04IS05
SB-1
MW-203S
MW-203D
MW-205
04IS04
04IS03
04IS02
MW-209D
04IS01
MW-112
(CW-3)
MW-116D
MW-116S
NAIL FOUND
NAIL FOUND
PROPOSED FUELING FACILITY
CC CC
24' (TYP.)
18'
9'
30.00'
DOWNING
TREATMENT AREA
N

0 40 80
SCALE IN FEET

SHAW ENVIRONMENTAL, INC. (A CB&I COMPANY)

DATE 4/2/13
DWN J.O'D.
APP E.P.V.
REV
PROJECT NO. 101960

FIGURE 2
TEXTRON PROVIDENCE
333 ADELAIDE AVENUE
PROVIDENCE, RHODE ISLAND
INJECTION WELL LOCATIONS

1" 1/2" 0" 1"

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ATTACHMENT A

LABORATORY REPORTS

con-test®
ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

June 20, 2014

Edward Van Doren
CB&I Env. & Infrastructure - MA
150 Royall Street
Canton, MA 02021

Project Location: Textron Providence
Client Job Number:
Project Number: 130274
Laboratory Work Order Number: 14F0496

Enclosed are results of analyses for samples received by the laboratory on June 11, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CB&I Env. & Infrastructure - MA
150 Royall Street
Canton, MA 02021
ATTN: Edward Van Doren

REPORT DATE: 6/20/2014

PURCHASE ORDER NUMBER: 835493

PROJECT NUMBER: 130274

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14F0496

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Textron Providence

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-112	14F0496-01	Ground Water		SW-846 8260C	
MW-116D	14F0496-02	Ground Water		SW-846 8260C	
MW-116S	14F0496-03	Ground Water		SW-846 8260C	
Trip Blank	14F0496-04	Trip Blank Water		SW-846 8260C	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 8260C

Qualifications:

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:

Naphthalene

B097783-BS1

Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.

Analyte & Samples(s) Qualified:

Bromomethane

B097649-BS1, B097649-BSD1, B097783-BS1, B097783-BSD1

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DBCP), 2-Hexanone (MBK), Acetone, Naphthalene

14F0496-02[MW-116D], 14F0496-03[MW-116S], B097783-BLK1, B097783-BS1, B097783-BSD1

Elevated reporting limit based on lowest point in calibration.
MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DBCP), 1,2-Dichloroethane, Bromomethane, Carbon Disulfide, Chloromethane, Methylene Chloride

14F0496-01[MW-112], 14F0496-02[MW-116D], 14F0496-03[MW-116S], 14F0496-04[Trip Blank]

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,4-Dioxane

14F0496-02[MW-116D], 14F0496-03[MW-116S], B097783-BLK1, B097783-BS1, B097783-BSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane, Tetrahydrofuran

14F0496-01[MW-112], 14F0496-02[MW-116D], 14F0496-03[MW-116S], 14F0496-04[Trip Blank], B097649-BLK1, B097649-BS1, B097649-BSD1, B097783-BLK1, B097783-BS1, B097783-BSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Dichlorodifluoromethane (Freon 12), Naphthalene

B097783-BS1, B097783-BSD1, B097649-BS1, B097649-BSD1

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 8260C

Laboratory control sample recoveries for required MCP Data Enhancement 8260 compounds were all within limits specified by the method except for "difficult analytes" where recovery control limits of 40-160% are used and/or unless otherwise listed in this narrative. Difficult analytes: MIBK, MEK, acetone, 1,4-dioxane, chloromethane, dichlorodifluoromethane, 2-hexanone, and bromomethane.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian
Laboratory Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron Providence | Sample Description: | Work Order: 14F0496

Date Received: 6/11/2014

Field Sample #: MW-112 | Sampled: 6/10/2014 10:00

Sample ID: 14F0496-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	20	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Bromomethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	6/12/14	6/13/14 10:30	EEH
2-Butanone (MEK)	ND	50	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Carbon Disulfide	ND	5.0	µg/L	1	RL-07	SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Chloromethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	6/12/14	6/13/14 10:30	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	RL-07	SW-846 8260C	6/12/14	6/13/14 10:30	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	6/12/14	6/13/14 10:30	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
cis-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
trans-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron Providence | Sample Description: | Work Order: 14F0496

Date Received: 6/11/2014

Field Sample #: MW-112 | Sampled: 6/10/2014 10:00

Sample ID: 14F0496-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Methylene Chloride	ND	5.0	µg/L	1	RL-07	SW-846 8260C	6/12/14	6/13/14 10:30	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Tetrachloroethylene	3500	500	µg/L	500		SW-846 8260C	6/12/14	6/15/14 12:55	EEH
Tetrahydrofuran	ND	2.0	µg/L	1	V-16	SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Trichloroethylene	4.0	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 10:30	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		6/15/14 12:55
1,2-Dichloroethane-d4	106	70-130		6/13/14 10:30
Toluene-d8	94.2	70-130		6/13/14 10:30
Toluene-d8	97.4	70-130		6/15/14 12:55
4-Bromofluorobenzene	94.0	70-130		6/13/14 10:30
4-Bromofluorobenzene	93.6	70-130		6/15/14 12:55

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron Providence | Sample Description: | Work Order: 14F0496

Date Received: 6/11/2014

Field Sample #: MW-116D | Sampled: 6/10/2014 09:00

Sample ID: 14F0496-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	20	µg/L	1	R-05	SW-846 8260C	6/13/14	6/15/14 9:48	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Bromomethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	6/13/14	6/15/14 9:48	EEH
2-Butanone (MEK)	ND	50	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Carbon Disulfide	ND	5.0	µg/L	1	RL-07	SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Chloromethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	6/13/14	6/15/14 9:48	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	R-05, RL-07	SW-846 8260C	6/13/14	6/15/14 9:48	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	6/13/14	6/15/14 9:48	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
cis-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
trans-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron Providence | Sample Description: | Work Order: 14F0496

Date Received: 6/11/2014

Field Sample #: MW-116D | Sampled: 6/10/2014 09:00

Sample ID: 14F0496-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
2-Hexanone (MBK)	ND	10	µg/L	1	R-05	SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Methylene Chloride	ND	5.0	µg/L	1	RL-07	SW-846 8260C	6/13/14	6/15/14 9:48	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Naphthalene	ND	2.0	µg/L	1	R-05	SW-846 8260C	6/13/14	6/15/14 9:48	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Tetrahydrofuran	ND	2.0	µg/L	1	V-16	SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 9:48	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	109	70-130		6/15/14 9:48
Toluene-d8	99.4	70-130		6/15/14 9:48
4-Bromofluorobenzene	94.8	70-130		6/15/14 9:48

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron Providence | Sample Description: | Work Order: 14F0496

Date Received: 6/11/2014

Field Sample #: MW-116S | Sampled: 6/10/2014 09:30

Sample ID: 14F0496-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	20	µg/L	1	R-05	SW-846 8260C	6/13/14	6/15/14 10:15	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Bromomethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	6/13/14	6/15/14 10:15	EEH
2-Butanone (MEK)	ND	50	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Carbon Disulfide	ND	5.0	µg/L	1	RL-07	SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Chloromethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	6/13/14	6/15/14 10:15	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	R-05, RL-07	SW-846 8260C	6/13/14	6/15/14 10:15	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	6/13/14	6/15/14 10:15	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
cis-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
trans-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron Providence | Sample Description: | Work Order: 14F0496

Date Received: 6/11/2014

Field Sample #: MW-116S | Sampled: 6/10/2014 09:30

Sample ID: 14F0496-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
2-Hexanone (MBK)	ND	10	µg/L	1	R-05	SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Methylene Chloride	ND	5.0	µg/L	1	RL-07	SW-846 8260C	6/13/14	6/15/14 10:15	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Naphthalene	ND	2.0	µg/L	1	R-05	SW-846 8260C	6/13/14	6/15/14 10:15	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Tetrahydrofuran	ND	2.0	µg/L	1	V-16	SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	6/13/14	6/15/14 10:15	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		6/15/14 10:15
Toluene-d8	99.6	70-130		6/15/14 10:15
4-Bromofluorobenzene	95.4	70-130		6/15/14 10:15

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron Providence | Sample Description: | Work Order: 14F0496

Date Received: 6/11/2014

Field Sample #: Trip Blank | Sampled: 6/10/2014 00:00

Sample ID: 14F0496-04

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	20	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Bromomethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	6/12/14	6/13/14 5:09	EEH
2-Butanone (MEK)	ND	50	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Carbon Disulfide	ND	5.0	µg/L	1	RL-07	SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Chloromethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	6/12/14	6/13/14 5:09	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	RL-07	SW-846 8260C	6/12/14	6/13/14 5:09	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	6/12/14	6/13/14 5:09	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
cis-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
trans-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron Providence | Sample Description: | Work Order: 14F0496

Date Received: 6/11/2014

Field Sample #: Trip Blank | Sampled: 6/10/2014 00:00

Sample ID: 14F0496-04

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Methylene Chloride	ND	5.0	µg/L	1	RL-07	SW-846 8260C	6/12/14	6/13/14 5:09	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Tetrahydrofuran	ND	2.0	µg/L	1	V-16	SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	6/12/14	6/13/14 5:09	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		6/13/14 5:09
Toluene-d8	99.0	70-130		6/13/14 5:09
4-Bromofluorobenzene	95.0	70-130		6/13/14 5:09

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Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
14F0496-01 [MW-112]	B097649	5	5.00	06/12/14
14F0496-04 [Trip Blank]	B097649	5	5.00	06/12/14

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
14F0496-01RE1 [MW-112]	B097783	0.01	5.00	06/12/14
14F0496-02 [MW-116D]	B097783	5	5.00	06/13/14
14F0496-03 [MW-116S]	B097783	5	5.00	06/13/14

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B097649 - SW-846 5030B										
Blank (B097649-BLK1)				Prepared: 06/12/14 Analyzed: 06/13/14						
Acetone	ND	20	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	1.0	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	5.0	µg/L							
2-Butanone (MEK)	ND	50	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	1.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	5.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	5.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	0.50	µg/L							
cis-1,3-Dichloropropene	ND	0.40	µg/L							
trans-1,3-Dichloropropene	ND	0.40	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B097649 - SW-846 5030B											
Blank (B097649-BLK1)				Prepared: 06/12/14 Analyzed: 06/13/14							
n-Propylbenzene	ND	1.0	µg/L								
Styrene	ND	1.0	µg/L								
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L								
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L								
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	2.0	µg/L							V-16	
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	2.0	µg/L								
1,2,4-Trichlorobenzene	ND	1.0	µg/L								
1,1,1-Trichloroethane	ND	1.0	µg/L								
1,1,2-Trichloroethane	ND	1.0	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*27.2*		µg/L	25.0		109	70-130				
Surrogate: Toluene-d8	*24.9*		µg/L	25.0		99.5	70-130				
Surrogate: 4-Bromofluorobenzene	*24.1*		µg/L	25.0		96.6	70-130				
LCS (B097649-BS1)				Prepared: 06/12/14 Analyzed: 06/13/14							
Acetone	82.6	20	µg/L	100		82.6	40-160				†
tert-Amyl Methyl Ether (TAME)	10.7	0.50	µg/L	10.0		107	70-130				
Benzene	11.2	1.0	µg/L	10.0		112	70-130				
Bromobenzene	9.85	1.0	µg/L	10.0		98.5	70-130				
Bromochloromethane	11.5	1.0	µg/L	10.0		115	70-130				
Bromodichloromethane	9.94	1.0	µg/L	10.0		99.4	70-130				
Bromoform	11.2	1.0	µg/L	10.0		112	70-130				
Bromomethane	5.66	5.0	µg/L	10.0		56.6	40-160			L-14	†
2-Butanone (MEK)	86.0	50	µg/L	100		86.0	40-160				†
n-Butylbenzene	11.5	1.0	µg/L	10.0		115	70-130				
sec-Butylbenzene	10.8	1.0	µg/L	10.0		108	70-130				
tert-Butylbenzene	10.5	1.0	µg/L	10.0		105	70-130				
tert-Butyl Ethyl Ether (TBEE)	11.3	0.50	µg/L	10.0		113	70-130				
Carbon Disulfide	10.9	5.0	µg/L	10.0		109	70-130				
Carbon Tetrachloride	11.2	1.0	µg/L	10.0		112	70-130				
Chlorobenzene	9.55	1.0	µg/L	10.0		95.5	70-130				
Chlorodibromomethane	9.25	0.50	µg/L	10.0		92.5	70-130				
Chloroethane	11.0	2.0	µg/L	10.0		110	70-130				
Chloroform	11.0	2.0	µg/L	10.0		110	70-130				
Chloromethane	8.06	5.0	µg/L	10.0		80.6	40-160				†
2-Chlorotoluene	8.85	1.0	µg/L	10.0		88.5	70-130				
4-Chlorotoluene	9.74	1.0	µg/L	10.0		97.4	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	9.56	5.0	µg/L	10.0		95.6	70-130				
1,2-Dibromoethane (EDB)	9.96	0.50	µg/L	10.0		99.6	70-130				
Dibromomethane	10.4	1.0	µg/L	10.0		104	70-130				
1,2-Dichlorobenzene	9.89	1.0	µg/L	10.0		98.9	70-130				
1,3-Dichlorobenzene	9.80	1.0	µg/L	10.0		98.0	70-130				
1,4-Dichlorobenzene	10.2	1.0	µg/L	10.0		102	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B097649 - SW-846 5030B											
LCS (B097649-BS1)				Prepared: 06/12/14 Analyzed: 06/13/14							
Dichlorodifluoromethane (Freon 12)	10.6	2.0	µg/L	10.0		106	40-160				†
1,1-Dichloroethane	11.2	1.0	µg/L	10.0		112	70-130				
1,2-Dichloroethane	9.79	5.0	µg/L	10.0		97.9	70-130				
1,1-Dichloroethylene	9.45	1.0	µg/L	10.0		94.5	70-130				
cis-1,2-Dichloroethylene	10.4	1.0	µg/L	10.0		104	70-130				
trans-1,2-Dichloroethylene	10.9	1.0	µg/L	10.0		109	70-130				
1,2-Dichloropropane	9.83	1.0	µg/L	10.0		98.3	70-130				
1,3-Dichloropropane	10.4	0.50	µg/L	10.0		104	70-130				
2,2-Dichloropropane	9.54	1.0	µg/L	10.0		95.4	70-130				
1,1-Dichloropropene	11.8	0.50	µg/L	10.0		118	70-130				
cis-1,3-Dichloropropene	9.60	0.40	µg/L	10.0		96.0	70-130				
trans-1,3-Dichloropropene	10.5	0.40	µg/L	10.0		105	70-130				
Diethyl Ether	10.7	2.0	µg/L	10.0		107	70-130				
Diisopropyl Ether (DIPE)	9.97	0.50	µg/L	10.0		99.7	70-130				
1,4-Dioxane	77.6	50	µg/L	100		77.6	40-160			V-16	†
Ethylbenzene	10.2	1.0	µg/L	10.0		102	70-130				
Hexachlorobutadiene	10.0	0.50	µg/L	10.0		100	70-130				
2-Hexanone (MBK)	79.8	10	µg/L	100		79.8	40-160				†
Isopropylbenzene (Cumene)	9.68	1.0	µg/L	10.0		96.8	70-130				
p-Isopropyltoluene (p-Cymene)	11.2	1.0	µg/L	10.0		112	70-130				
Methyl tert-Butyl Ether (MTBE)	11.0	1.0	µg/L	10.0		110	70-130				
Methylene Chloride	10.1	5.0	µg/L	10.0		101	70-130				
4-Methyl-2-pentanone (MIBK)	79.3	10	µg/L	100		79.3	40-160				†
Naphthalene	10.9	2.0	µg/L	10.0		109	70-130			V-20	
n-Propylbenzene	9.90	1.0	µg/L	10.0		99.0	70-130				
Styrene	10.1	1.0	µg/L	10.0		101	70-130				
1,1,1,2-Tetrachloroethane	10.1	1.0	µg/L	10.0		101	70-130				
1,1,2,2-Tetrachloroethane	10.1	0.50	µg/L	10.0		101	70-130				
Tetrachloroethylene	9.40	1.0	µg/L	10.0		94.0	70-130				
Tetrahydrofuran	10.0	2.0	µg/L	10.0		100	70-130			V-16	
Toluene	9.79	1.0	µg/L	10.0		97.9	70-130				
1,2,3-Trichlorobenzene	10.6	2.0	µg/L	10.0		106	70-130				
1,2,4-Trichlorobenzene	10.7	1.0	µg/L	10.0		107	70-130				
1,1,1-Trichloroethane	11.4	1.0	µg/L	10.0		114	70-130				
1,1,2-Trichloroethane	9.93	1.0	µg/L	10.0		99.3	70-130				
Trichloroethylene	10.5	1.0	µg/L	10.0		105	70-130				
Trichlorofluoromethane (Freon 11)	10.7	2.0	µg/L	10.0		107	70-130				
1,2,3-Trichloropropane	9.81	2.0	µg/L	10.0		98.1	70-130				
1,2,4-Trimethylbenzene	11.0	1.0	µg/L	10.0		110	70-130				
1,3,5-Trimethylbenzene	9.95	1.0	µg/L	10.0		99.5	70-130				
Vinyl Chloride	9.37	2.0	µg/L	10.0		93.7	70-130				
m+p Xylene	19.5	2.0	µg/L	20.0		97.6	70-130				
o-Xylene	9.86	1.0	µg/L	10.0		98.6	70-130				
Surrogate: 1,2-Dichloroethane-d4	*26.8*		µg/L	25.0		107	70-130				
Surrogate: Toluene-d8	*24.3*		µg/L	25.0		97.2	70-130				
Surrogate: 4-Bromofluorobenzene	*23.6*		µg/L	25.0		94.6	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B097649 - SW-846 5030B											
LCS Dup (B097649-BSD1)				Prepared: 06/12/14 Analyzed: 06/13/14							
Acetone	99.7	20	µg/L	100		99.7	40-160	18.7	20		†
tert-Amyl Methyl Ether (TAME)	10.6	0.50	µg/L	10.0		106	70-130	0.657	20		
Benzene	11.2	1.0	µg/L	10.0		112	70-130	0.267	20		
Bromobenzene	9.95	1.0	µg/L	10.0		99.5	70-130	1.01	20		
Bromochloromethane	11.7	1.0	µg/L	10.0		117	70-130	1.81	20		
Bromodichloromethane	9.94	1.0	µg/L	10.0		99.4	70-130	0.00	20		
Bromoform	11.7	1.0	µg/L	10.0		117	70-130	4.20	20		
Bromomethane	6.22	5.0	µg/L	10.0		62.2	40-160	9.43	20	L-14	†
2-Butanone (MEK)	94.1	50	µg/L	100		94.1	40-160	9.04	20		†
n-Butylbenzene	11.5	1.0	µg/L	10.0		115	70-130	0.0869	20		
sec-Butylbenzene	10.9	1.0	µg/L	10.0		109	70-130	1.01	20		
tert-Butylbenzene	10.8	1.0	µg/L	10.0		108	70-130	3.57	20		
tert-Butyl Ethyl Ether (TBEE)	11.2	0.50	µg/L	10.0		112	70-130	0.445	20		
Carbon Disulfide	10.6	5.0	µg/L	10.0		106	70-130	3.35	20		
Carbon Tetrachloride	11.5	1.0	µg/L	10.0		115	70-130	2.11	20		
Chlorobenzene	9.67	1.0	µg/L	10.0		96.7	70-130	1.25	20		
Chlorodibromomethane	9.44	0.50	µg/L	10.0		94.4	70-130	2.03	20		
Chloroethane	11.6	2.0	µg/L	10.0		116	70-130	5.13	20		
Chloroform	10.9	2.0	µg/L	10.0		109	70-130	0.730	20		
Chloromethane	7.38	5.0	µg/L	10.0		73.8	40-160	8.81	20		†
2-Chlorotoluene	8.91	1.0	µg/L	10.0		89.1	70-130	0.676	20		
4-Chlorotoluene	9.65	1.0	µg/L	10.0		96.5	70-130	0.928	20		
1,2-Dibromo-3-chloropropane (DBCP)	11.1	5.0	µg/L	10.0		111	70-130	14.6	20		
1,2-Dibromoethane (EDB)	10.2	0.50	µg/L	10.0		102	70-130	2.67	20		
Dibromomethane	10.9	1.0	µg/L	10.0		109	70-130	4.90	20		
1,2-Dichlorobenzene	10.2	1.0	µg/L	10.0		102	70-130	2.79	20		
1,3-Dichlorobenzene	9.81	1.0	µg/L	10.0		98.1	70-130	0.102	20		
1,4-Dichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130	1.07	20		
Dichlorodifluoromethane (Freon 12)	10.4	2.0	µg/L	10.0		104	40-160	1.90	20		†
1,1-Dichloroethane	11.4	1.0	µg/L	10.0		114	70-130	2.39	20		
1,2-Dichloroethane	9.91	5.0	µg/L	10.0		99.1	70-130	1.22	20		
1,1-Dichloroethylene	9.31	1.0	µg/L	10.0		93.1	70-130	1.49	20		
cis-1,2-Dichloroethylene	10.5	1.0	µg/L	10.0		105	70-130	0.956	20		
trans-1,2-Dichloroethylene	10.8	1.0	µg/L	10.0		108	70-130	0.924	20		
1,2-Dichloropropane	9.85	1.0	µg/L	10.0		98.5	70-130	0.203	20		
1,3-Dichloropropane	10.5	0.50	µg/L	10.0		105	70-130	0.479	20		
2,2-Dichloropropane	9.33	1.0	µg/L	10.0		93.3	70-130	2.23	20		
1,1-Dichloropropene	11.3	0.50	µg/L	10.0		113	70-130	4.16	20		
cis-1,3-Dichloropropene	9.65	0.40	µg/L	10.0		96.5	70-130	0.519	20		
trans-1,3-Dichloropropene	10.9	0.40	µg/L	10.0		109	70-130	4.30	20		
Diethyl Ether	11.5	2.0	µg/L	10.0		115	70-130	7.75	20		
Diisopropyl Ether (DIPE)	10.3	0.50	µg/L	10.0		103	70-130	3.06	20		
1,4-Dioxane	89.3	50	µg/L	100		89.3	40-160	14.0	20	V-16	†
Ethylbenzene	10.2	1.0	µg/L	10.0		102	70-130	0.784	20		
Hexachlorobutadiene	10.1	0.50	µg/L	10.0		101	70-130	0.695	20		
2-Hexanone (MBK)	91.2	10	µg/L	100		91.2	40-160	13.3	20		†
Isopropylbenzene (Cumene)	9.57	1.0	µg/L	10.0		95.7	70-130	1.14	20		
p-Isopropyltoluene (p-Cymene)	11.2	1.0	µg/L	10.0		112	70-130	0.0891	20		
Methyl tert-Butyl Ether (MTBE)	11.5	1.0	µg/L	10.0		115	70-130	4.43	20		
Methylene Chloride	9.85	5.0	µg/L	10.0		98.5	70-130	2.80	20		
4-Methyl-2-pentanone (MIBK)	89.6	10	µg/L	100		89.6	40-160	12.1	20		†
Naphthalene	12.7	2.0	µg/L	10.0		127	70-130	15.7	20	V-20	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B097649 - SW-846 5030B										
LCS Dup (B097649-BSD1)				Prepared: 06/12/14 Analyzed: 06/13/14						
n-Propylbenzene	9.96	1.0	µg/L	10.0		99.6	70-130	0.604	20	
Styrene	10.0	1.0	µg/L	10.0		100	70-130	1.19	20	
1,1,1,2-Tetrachloroethane	10.2	1.0	µg/L	10.0		102	70-130	1.38	20	
1,1,2,2-Tetrachloroethane	10.4	0.50	µg/L	10.0		104	70-130	3.32	20	
Tetrachloroethylene	9.69	1.0	µg/L	10.0		96.9	70-130	3.04	20	
Tetrahydrofuran	11.1	2.0	µg/L	10.0		111	70-130	10.2	20	V-16
Toluene	9.63	1.0	µg/L	10.0		96.3	70-130	1.65	20	
1,2,3-Trichlorobenzene	11.7	2.0	µg/L	10.0		117	70-130	9.87	20	
1,2,4-Trichlorobenzene	11.3	1.0	µg/L	10.0		113	70-130	5.82	20	
1,1,1-Trichloroethane	11.2	1.0	µg/L	10.0		112	70-130	0.885	20	
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.0		104	70-130	4.72	20	
Trichloroethylene	10.6	1.0	µg/L	10.0		106	70-130	0.285	20	
Trichlorofluoromethane (Freon 11)	11.0	2.0	µg/L	10.0		110	70-130	3.22	20	
1,2,3-Trichloropropane	10.6	2.0	µg/L	10.0		106	70-130	8.12	20	
1,2,4-Trimethylbenzene	11.1	1.0	µg/L	10.0		111	70-130	0.362	20	
1,3,5-Trimethylbenzene	9.82	1.0	µg/L	10.0		98.2	70-130	1.32	20	
Vinyl Chloride	10.2	2.0	µg/L	10.0		102	70-130	8.97	20	
m+p Xylene	19.4	2.0	µg/L	20.0		97.0	70-130	0.668	20	
o-Xylene	9.78	1.0	µg/L	10.0		97.8	70-130	0.815	20	
Surrogate: 1,2-Dichloroethane-d4	*27.2*		µg/L	25.0		109	70-130			
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.0	70-130			
Surrogate: 4-Bromofluorobenzene	*23.8*		µg/L	25.0		95.3	70-130			
Batch B097783 - SW-846 5030B										
Blank (B097783-BLK1)				Prepared: 06/13/14 Analyzed: 06/15/14						
Acetone	ND	20	µg/L							R-05
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	1.0	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	5.0	µg/L							
2-Butanone (MEK)	ND	50	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	1.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	5.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							R-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							

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QUALITY CONTROL

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B097783 - SW-846 5030B										
Blank (B097783-BLK1)				Prepared: 06/13/14 Analyzed: 06/15/14						
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	5.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	0.50	µg/L							
cis-1,3-Dichloropropene	ND	0.40	µg/L							
trans-1,3-Dichloropropene	ND	0.40	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-05, V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							R-05
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							R-05
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	2.0	µg/L							V-16
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	2.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*26.2*		µg/L	25.0		105	70-130			
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.1	70-130			
Surrogate: 4-Bromofluorobenzene	*23.6*		µg/L	25.0		94.4	70-130			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B097783 - SW-846 5030B											
LCS (B097783-BS1)				Prepared: 06/13/14 Analyzed: 06/15/14							
Acetone	111	20	µg/L	100		111	40-160			R-05	†
tert-Amyl Methyl Ether (TAME)	11.0	0.50	µg/L	10.0		110	70-130				
Benzene	11.4	1.0	µg/L	10.0		114	70-130				
Bromobenzene	9.73	1.0	µg/L	10.0		97.3	70-130				
Bromochloromethane	11.8	1.0	µg/L	10.0		118	70-130				
Bromodichloromethane	10.1	1.0	µg/L	10.0		101	70-130				
Bromoform	11.7	1.0	µg/L	10.0		117	70-130				
Bromomethane	6.71	5.0	µg/L	10.0		67.1	40-160			L-14	†
2-Butanone (MEK)	97.2	50	µg/L	100		97.2	40-160				†
n-Butylbenzene	11.3	1.0	µg/L	10.0		113	70-130				
sec-Butylbenzene	10.6	1.0	µg/L	10.0		106	70-130				
tert-Butylbenzene	10.5	1.0	µg/L	10.0		105	70-130				
tert-Butyl Ethyl Ether (TBEE)	11.5	0.50	µg/L	10.0		115	70-130				
Carbon Disulfide	10.9	5.0	µg/L	10.0		109	70-130				
Carbon Tetrachloride	11.6	1.0	µg/L	10.0		116	70-130				
Chlorobenzene	9.33	1.0	µg/L	10.0		93.3	70-130				
Chlorodibromomethane	9.40	0.50	µg/L	10.0		94.0	70-130				
Chloroethane	11.6	2.0	µg/L	10.0		116	70-130				
Chloroform	10.5	2.0	µg/L	10.0		105	70-130				
Chloromethane	8.37	5.0	µg/L	10.0		83.7	40-160				†
2-Chlorotoluene	8.58	1.0	µg/L	10.0		85.8	70-130				
4-Chlorotoluene	9.40	1.0	µg/L	10.0		94.0	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	11.9	5.0	µg/L	10.0		119	70-130			R-05	
1,2-Dibromoethane (EDB)	10.6	0.50	µg/L	10.0		106	70-130				
Dibromomethane	10.6	1.0	µg/L	10.0		106	70-130				
1,2-Dichlorobenzene	10.0	1.0	µg/L	10.0		100	70-130				
1,3-Dichlorobenzene	9.73	1.0	µg/L	10.0		97.3	70-130				
1,4-Dichlorobenzene	9.95	1.0	µg/L	10.0		99.5	70-130				
Dichlorodifluoromethane (Freon 12)	8.93	2.0	µg/L	10.0		89.3	40-160			V-20	†
1,1-Dichloroethane	11.8	1.0	µg/L	10.0		118	70-130				
1,2-Dichloroethane	9.96	5.0	µg/L	10.0		99.6	70-130				
1,1-Dichloroethylene	9.29	1.0	µg/L	10.0		92.9	70-130				
cis-1,2-Dichloroethylene	10.4	1.0	µg/L	10.0		104	70-130				
trans-1,2-Dichloroethylene	10.8	1.0	µg/L	10.0		108	70-130				
1,2-Dichloropropane	9.97	1.0	µg/L	10.0		99.7	70-130				
1,3-Dichloropropane	10.8	0.50	µg/L	10.0		108	70-130				
2,2-Dichloropropane	8.12	1.0	µg/L	10.0		81.2	70-130				
1,1-Dichloropropene	11.5	0.50	µg/L	10.0		115	70-130				
cis-1,3-Dichloropropene	9.63	0.40	µg/L	10.0		96.3	70-130				
trans-1,3-Dichloropropene	10.7	0.40	µg/L	10.0		107	70-130				
Diethyl Ether	11.6	2.0	µg/L	10.0		116	70-130				
Diisopropyl Ether (DIPE)	10.0	0.50	µg/L	10.0		100	70-130				
1,4-Dioxane	87.2	50	µg/L	100		87.2	40-160			V-05, V-16	†
Ethylbenzene	10.0	1.0	µg/L	10.0		100	70-130				
Hexachlorobutadiene	10.1	0.50	µg/L	10.0		101	70-130				
2-Hexanone (MBK)	95.4	10	µg/L	100		95.4	40-160			R-05	†
Isopropylbenzene (Cumene)	9.32	1.0	µg/L	10.0		93.2	70-130				
p-Isopropyltoluene (p-Cymene)	11.0	1.0	µg/L	10.0		110	70-130				
Methyl tert-Butyl Ether (MTBE)	11.8	1.0	µg/L	10.0		118	70-130				
Methylene Chloride	8.64	5.0	µg/L	10.0		86.4	70-130				
4-Methyl-2-pentanone (MIBK)	95.6	10	µg/L	100		95.6	40-160				†
Naphthalene	13.2	2.0	µg/L	10.0		**132**	* 70-130			R-05, L-07A	

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QUALITY CONTROL

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD		RPD Limit	Notes	
Batch B097783 - SW-846 5030B												
LCS (B097783-BS1)				Prepared: 06/13/14 Analyzed: 06/15/14								
n-Propylbenzene	9.59	1.0	µg/L	10.0		95.9	70-130					
Styrene	9.69	1.0	µg/L	10.0		96.9	70-130					
1,1,1,2-Tetrachloroethane	9.85	1.0	µg/L	10.0		98.5	70-130					
1,1,2,2-Tetrachloroethane	9.84	0.50	µg/L	10.0		98.4	70-130					
Tetrachloroethylene	9.48	1.0	µg/L	10.0		94.8	70-130					
Tetrahydrofuran	11.2	2.0	µg/L	10.0		112	70-130				V-16	
Toluene	9.83	1.0	µg/L	10.0		98.3	70-130					
1,2,3-Trichlorobenzene	12.1	2.0	µg/L	10.0		121	70-130					
1,2,4-Trichlorobenzene	11.4	1.0	µg/L	10.0		114	70-130					
1,1,1-Trichloroethane	11.1	1.0	µg/L	10.0		111	70-130					
1,1,2-Trichloroethane	10.1	1.0	µg/L	10.0		101	70-130					
Trichloroethylene	11.1	1.0	µg/L	10.0		111	70-130					
Trichlorofluoromethane (Freon 11)	11.0	2.0	µg/L	10.0		110	70-130					
1,2,3-Trichloropropane	10.9	2.0	µg/L	10.0		109	70-130					
1,2,4-Trimethylbenzene	10.8	1.0	µg/L	10.0		108	70-130					
1,3,5-Trimethylbenzene	9.73	1.0	µg/L	10.0		97.3	70-130					
Vinyl Chloride	9.46	2.0	µg/L	10.0		94.6	70-130					
m+p Xylene	19.1	2.0	µg/L	20.0		95.4	70-130					
o-Xylene	9.48	1.0	µg/L	10.0		94.8	70-130					
Surrogate: 1,2-Dichloroethane-d4	*27.6*		µg/L	25.0		111	70-130					
Surrogate: Toluene-d8	*24.4*		µg/L	25.0		97.8	70-130					
Surrogate: 4-Bromofluorobenzene	*23.8*		µg/L	25.0		95.3	70-130					
LCS Dup (B097783-BSD1)				Prepared: 06/13/14 Analyzed: 06/15/14								
Acetone	89.4	20	µg/L	100		89.4	40-160	**21.8**	*	20	R-05	†
tert-Amyl Methyl Ether (TAME)	9.71	0.50	µg/L	10.0		97.1	70-130	12.0		20		
Benzene	11.2	1.0	µg/L	10.0		112	70-130	1.87		20		
Bromobenzene	9.79	1.0	µg/L	10.0		97.9	70-130	0.615		20		
Bromochloromethane	12.1	1.0	µg/L	10.0		121	70-130	2.42		20		
Bromodichloromethane	10.2	1.0	µg/L	10.0		102	70-130	0.690		20		
Bromoform	10.8	1.0	µg/L	10.0		108	70-130	8.10		20		
Bromomethane	6.86	5.0	µg/L	10.0		68.6	40-160	2.21		20	L-14	†
2-Butanone (MEK)	80.4	50	µg/L	100		80.4	40-160	19.0		20		†
n-Butylbenzene	11.5	1.0	µg/L	10.0		115	70-130	1.23		20		
sec-Butylbenzene	10.7	1.0	µg/L	10.0		107	70-130	1.41		20		
tert-Butylbenzene	10.6	1.0	µg/L	10.0		106	70-130	0.284		20		
tert-Butyl Ethyl Ether (TBEE)	10.6	0.50	µg/L	10.0		106	70-130	8.87		20		
Carbon Disulfide	11.2	5.0	µg/L	10.0		112	70-130	2.27		20		
Carbon Tetrachloride	11.5	1.0	µg/L	10.0		115	70-130	0.780		20		
Chlorobenzene	9.57	1.0	µg/L	10.0		95.7	70-130	2.54		20		
Chlorodibromomethane	9.37	0.50	µg/L	10.0		93.7	70-130	0.320		20		
Chloroethane	10.9	2.0	µg/L	10.0		109	70-130	6.57		20		
Chloroform	10.9	2.0	µg/L	10.0		109	70-130	3.28		20		
Chloromethane	9.81	5.0	µg/L	10.0		98.1	40-160	15.8		20		†
2-Chlorotoluene	8.83	1.0	µg/L	10.0		88.3	70-130	2.87		20		
4-Chlorotoluene	9.83	1.0	µg/L	10.0		98.3	70-130	4.47		20		
1,2-Dibromo-3-chloropropane (DBCP)	8.71	5.0	µg/L	10.0		87.1	70-130	**31.1**	*	20	R-05	
1,2-Dibromoethane (EDB)	10.2	0.50	µg/L	10.0		102	70-130	3.84		20		
Dibromomethane	10.4	1.0	µg/L	10.0		104	70-130	2.09		20		
1,2-Dichlorobenzene	9.57	1.0	µg/L	10.0		95.7	70-130	4.39		20		
1,3-Dichlorobenzene	9.85	1.0	µg/L	10.0		98.5	70-130	1.23		20		
1,4-Dichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130	1.69		20		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD		RPD Limit	Notes	
Batch B097783 - SW-846 5030B												
LCS Dup (B097783-BSD1)				Prepared: 06/13/14 Analyzed: 06/15/14								
Dichlorodifluoromethane (Freon 12)	8.94	2.0	µg/L	10.0		89.4	40-160	0.112		20	V-20	†
1,1-Dichloroethane	11.6	1.0	µg/L	10.0		116	70-130	1.89		20		
1,2-Dichloroethane	10.0	5.0	µg/L	10.0		100	70-130	0.900		20		
1,1-Dichloroethylene	9.59	1.0	µg/L	10.0		95.9	70-130	3.18		20		
cis-1,2-Dichloroethylene	10.7	1.0	µg/L	10.0		107	70-130	3.31		20		
trans-1,2-Dichloroethylene	11.1	1.0	µg/L	10.0		111	70-130	2.55		20		
1,2-Dichloropropane	10.4	1.0	µg/L	10.0		104	70-130	4.22		20		
1,3-Dichloropropane	10.3	0.50	µg/L	10.0		103	70-130	4.08		20		
2,2-Dichloropropane	7.83	1.0	µg/L	10.0		78.3	70-130	3.64		20		
1,1-Dichloropropene	11.7	0.50	µg/L	10.0		117	70-130	1.81		20		
cis-1,3-Dichloropropene	9.56	0.40	µg/L	10.0		95.6	70-130	0.730		20		
trans-1,3-Dichloropropene	10.2	0.40	µg/L	10.0		102	70-130	5.26		20		
Diethyl Ether	10.6	2.0	µg/L	10.0		106	70-130	8.86		20		
Diisopropyl Ether (DIPE)	10.4	0.50	µg/L	10.0		104	70-130	3.63		20		
1,4-Dioxane	71.8	50	µg/L	100		71.8	40-160	19.4		20	V-05, V-16	†
Ethylbenzene	10.4	1.0	µg/L	10.0		104	70-130	4.02		20		
Hexachlorobutadiene	10.1	0.50	µg/L	10.0		101	70-130	0.198		20		
2-Hexanone (MBK)	75.2	10	µg/L	100		75.2	40-160	**23.6**	*	20	R-05	†
Isopropylbenzene (Cumene)	9.59	1.0	µg/L	10.0		95.9	70-130	2.86		20		
p-Isopropyltoluene (p-Cymene)	11.0	1.0	µg/L	10.0		110	70-130	0.727		20		
Methyl tert-Butyl Ether (MTBE)	10.5	1.0	µg/L	10.0		105	70-130	11.1		20		
Methylene Chloride	8.80	5.0	µg/L	10.0		88.0	70-130	1.83		20		
4-Methyl-2-pentanone (MIBK)	79.2	10	µg/L	100		79.2	40-160	18.7		20		†
Naphthalene	10.0	2.0	µg/L	10.0		100	70-130	**27.7**	*	20	R-05	
n-Propylbenzene	9.88	1.0	µg/L	10.0		98.8	70-130	2.98		20		
Styrene	9.94	1.0	µg/L	10.0		99.4	70-130	2.55		20		
1,1,1,2-Tetrachloroethane	10.0	1.0	µg/L	10.0		100	70-130	1.51		20		
1,1,2,2-Tetrachloroethane	9.36	0.50	µg/L	10.0		93.6	70-130	5.00		20		
Tetrachloroethylene	9.73	1.0	µg/L	10.0		97.3	70-130	2.60		20		
Tetrahydrofuran	9.72	2.0	µg/L	10.0		97.2	70-130	13.7		20	V-16	
Toluene	9.94	1.0	µg/L	10.0		99.4	70-130	1.11		20		
1,2,3-Trichlorobenzene	9.91	2.0	µg/L	10.0		99.1	70-130	19.9		20		
1,2,4-Trichlorobenzene	10.2	1.0	µg/L	10.0		102	70-130	11.1		20		
1,1,1-Trichloroethane	11.2	1.0	µg/L	10.0		112	70-130	1.34		20		
1,1,2-Trichloroethane	9.93	1.0	µg/L	10.0		99.3	70-130	1.70		20		
Trichloroethylene	10.7	1.0	µg/L	10.0		107	70-130	3.30		20		
Trichlorofluoromethane (Freon 11)	10.3	2.0	µg/L	10.0		103	70-130	6.74		20		
1,2,3-Trichloropropane	9.69	2.0	µg/L	10.0		96.9	70-130	11.5		20		
1,2,4-Trimethylbenzene	11.1	1.0	µg/L	10.0		111	70-130	2.37		20		
1,3,5-Trimethylbenzene	10.1	1.0	µg/L	10.0		101	70-130	3.34		20		
Vinyl Chloride	8.36	2.0	µg/L	10.0		83.6	70-130	12.3		20		
m+p Xylene	19.7	2.0	µg/L	20.0		98.4	70-130	3.09		20		
o-Xylene	9.63	1.0	µg/L	10.0		96.3	70-130	1.57		20		
Surrogate: 1,2-Dichloroethane-d4	*26.9*		µg/L	25.0		108	70-130					
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		100	70-130					
Surrogate: 4-Bromofluorobenzene	*23.7*		µg/L	25.0		94.8	70-130					

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
L-07A	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.
L-14	Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
RL-07	Elevated reporting limit based on lowest point in calibration. MA CAM reporting limit not met.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Acetone	CT,NH,NY,ME
tert-Amyl Methyl Ether (TAME)	NH,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	ME
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	NY,ME
sec-Butylbenzene	NY,ME
tert-Butylbenzene	NY,ME
tert-Butyl Ethyl Ether (TBEE)	NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	NY,ME
4-Chlorotoluene	NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Diisopropyl Ether (DIPE)	NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	NY,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Naphthalene	NH,NY,ME
n-Propylbenzene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,3-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	CT,NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	NY,ME
1,3,5-Trimethylbenzene	NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2014
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2014
FL	Florida Department of Health	E871027 NELAP	06/30/2014
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2014
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2014

CHAIN OF CUSTODY RECORD

14F0496

Rev 04.05.12

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Page 1 of 1

Company Name: CB&I Environmental
Address: 150 Royall Street
Canton, MA 02021
Attention: Ed VanDoren
Project Location: Textron Providence
Sampled By: Paul LeDoux

Telephone: 617-589-4030
Project # 130274
Client PO# 835493

DATA DELIVERY (check all that apply)
○ FAX ☒ EMAIL ○ WEBSITE
Fax #
Email: edward.vandoren@cbi.com
Format: ☒ PDF ○ EXCEL ○ GIS
☒ OTHER GISKey Format
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	*** Container Code
-01	MW-112	6.10.14	1000		3	GW	G	3	H	V
-02	MW-116D	6.10.14	0900		3	GW	G	3	H	V
-03	MW-116S	6.10.14	0930		3	GW	G	3	H	V
-04	Trip Blank	Lot# BJ1-093			3		G	3	H	V

ANALYSIS REQUESTED
EPA 8260B (VOC's)

Dissolved Meta
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulf
X = Na hydroxide
T = Na thiosulfat
O = Other

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

Comments: Please email GISKey formatted EDD to: Catherine.Joe@cbi.com.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)		Date/Time: 6.10.14 1330
Received by: (signature)		Date/Time: 6/11/14 1148
Relinquished by: (signature)		Date/Time: 6/11/14 815
Received by: (signature)	4.5°C	Date/Time: 6-11-14 15:10

Turnaround ††
☐ 7-Day
☒ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

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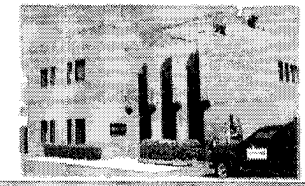

Sample Receipt Checklist

CLIENT NAME: CB & I Environmental RECEIVED BY: EZK DATE: 6-11-14

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included

2) **Does the chain agree with the samples?** (Yes) No
If not, explain:

3) **Are all the samples in good condition?** (Yes) No
If not, explain:

4) **How were the samples received:**
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 4.5 °C

5) **Are there Dissolved samples for the lab to filter?** Yes (No)
Who was notified _____ Date _____ Time _____

6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)
Who was notified _____ Date _____ Time _____

7) **Location where samples are stored:** 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____

9) **Do all samples have the proper Base pH:** Yes No (N/A) _____

10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below	9	Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl 9 # Methanol _____ Time and Date Frozen:
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	T	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	NA	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	T	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** EZK **Date/Time:** 15:10 6-11-14

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 14F0496
Project Location: Textron Providence	RTN:

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

14F0496-01 thru 14F0496-04

Matrices: Water

CAM Protocol (check all that below)

8260 VOC CAM II A (X)	7470/7471 Hg CAM IIIB ( )	MassDEP VPH CAM IV A ( )	8081 Pesticides CAM V B ( )	7196 Hex Cr CAM VI B ( )	MassDEP APH CAM IX A ( )
8270 SVOC CAM II B ( )	7010 Metals CAM III C ( )	MassDEP EPH CAM IV A ( )	8151 Herbicides CAM V C ( )	8330 Explosives CAM VIII A ( )	TO-15 VOC CAM IX B ( )
6010 Metals CAM III A ( )	6020 Metals CAM III D ( )	8082 PCB CAM V A ( )	9014 Total Cyanide/PAC CAM VI A ( )	6860 Perchlorate CAM VIII B ( )	

Affirmative response to Questions A throughF is required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	☑ Yes	☐ No[1]
B	Were the analytical method(s) and all associated QC requirements specificed in the selected CAM protocol(s) followed?	☑ Yes	☐ No[1]
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	☑ Yes	☐ No[1]
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidlines for the Acquisition and Reporting of Analytical Data?	☑ Yes	☐ No[1]
E a	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	☐ Yes	☐ No[1]
E b	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	☐ Yes	☐ No[1]
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Qestions A through E)?	☑ Yes	☐ No[1]

A response to questions G, H and I below is required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☐ Yes	☑ No[1]

<u>Data User Note:</u> Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.

H	Were all QC perfomance standards specified in the CAM protocol(s) achieved?	☐ Yes	☑ No[1]
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	☑ Yes	☐ No[1]

[1] *All Negative responses must be addressed in an attached Environmental Laboratory case narrative.*

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

Signature:  Position: Laboratory Manager

Printed Name: Daren J. Damboragian Date: 06/20/14

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July 23, 2014

Edward Van Doren
CB&I Env. & Infrastructure - MA
150 Royall Street
Canton, MA 02021

Project Location: Textron Providence, RI
Client Job Number:
Project Number: 130274
Laboratory Work Order Number: 14G0584

Enclosed are results of analyses for samples received by the laboratory on July 14, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

Table of Contents

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CB&I Env. & Infrastructure - MA
150 Royall Street
Canton, MA 02021
ATTN: Edward Van Doren

REPORT DATE: 7/23/2014

PURCHASE ORDER NUMBER: 835493

PROJECT NUMBER: 130274

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14G0584

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Textron Providence, RI

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-112	14G0584-01	Ground Water		SW-846 8260C	
MW-116D	14G0584-02	Ground Water		SW-846 8260C	
MW-116S	14G0584-03	Ground Water		SW-846 8260C	
Trip Blank	14G0584-04	Trip Blank Water		SW-846 8260C	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260C

Qualifications:

RL-05

Elevated reporting limit due to high concentration of target compounds. MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

14G0584-01[MW-112]

RL-07

Elevated reporting limit based on lowest point in calibration.
MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DB
14G0584-02[MW-116D], 14G0584-03[MW-116S], 14G0584-04[Trip Blank]

1,2-Dichloroethane
14G0584-02[MW-116D], 14G0584-03[MW-116S], 14G0584-04[Trip Blank]

Bromomethane
14G0584-02[MW-116D], 14G0584-03[MW-116S], 14G0584-04[Trip Blank]

Carbon Disulfide
14G0584-02[MW-116D], 14G0584-03[MW-116S], 14G0584-04[Trip Blank]

Chloromethane
14G0584-02[MW-116D], 14G0584-03[MW-116S], 14G0584-04[Trip Blank]

Methylene Chloride
14G0584-02[MW-116D], 14G0584-03[MW-116S], 14G0584-04[Trip Blank]

V-05

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,4-Dioxane
14G0584-01[MW-112], 14G0584-02[MW-116D], 14G0584-03[MW-116S], 14G0584-04[Trip Blank], B100213-BLK1, B100213-BS1, B100213-BSD1

V-16

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane
14G0584-01[MW-112], 14G0584-02[MW-116D], 14G0584-03[MW-116S], 14G0584-04[Trip Blank], B100213-BLK1, B100213-BS1, B100213-BSD1

Tetrahydrofuran
14G0584-01[MW-112], 14G0584-02[MW-116D], 14G0584-03[MW-116S], 14G0584-04[Trip Blank], B100213-BLK1, B100213-BS1, B100213-BSD1

V-20

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Dichlorodifluoromethane (Freon 12
B100213-BS1, B100213-BSD1

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SW-846 8260C

Laboratory control sample recoveries for required MCP Data Enhancement 8260 compounds were all within limits specified by the method except for "difficult analytes" where recovery control limits of 40-160% are used and/or unless otherwise listed in this narrative. Difficult analytes: MIBK, MEK, acetone, 1,4-dioxane, chloromethane, dichlorodifluoromethane, 2-hexanone, and bromomethane.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian
Laboratory Manager

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Project Location: Textron Providence, RI | Sample Description: | Work Order: 14G0584

Date Received: 7/14/2014

Field Sample #: MW-112 | Sampled: 7/11/2014 13:30

Sample ID: 14G0584-01

Sample Matrix: Ground Water

Sample Flags: RL-05

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	500	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
tert-Amyl Methyl Ether (TAME)	ND	12	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Benzene	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Bromobenzene	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Bromochloromethane	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Bromodichloromethane	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Bromoform	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Bromomethane	ND	120	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
2-Butanone (MEK)	ND	1200	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
n-Butylbenzene	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
sec-Butylbenzene	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
tert-Butylbenzene	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	12	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Carbon Disulfide	ND	120	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Carbon Tetrachloride	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Chlorobenzene	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Chlorodibromomethane	ND	12	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Chloroethane	ND	50	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Chloroform	ND	50	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Chloromethane	ND	120	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
2-Chlorotoluene	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
4-Chlorotoluene	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	120	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
1,2-Dibromoethane (EDB)	ND	12	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Dibromomethane	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
1,2-Dichlorobenzene	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
1,3-Dichlorobenzene	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
1,4-Dichlorobenzene	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Dichlorodifluoromethane (Freon 12)	ND	50	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
1,1-Dichloroethane	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
1,2-Dichloroethane	ND	120	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
1,1-Dichloroethylene	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
cis-1,2-Dichloroethylene	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
trans-1,2-Dichloroethylene	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
1,2-Dichloropropane	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
1,3-Dichloropropane	ND	12	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
2,2-Dichloropropane	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
1,1-Dichloropropene	ND	12	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
cis-1,3-Dichloropropene	ND	10	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
trans-1,3-Dichloropropene	ND	10	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Diethyl Ether	ND	50	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Diisopropyl Ether (DIPE)	ND	12	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
1,4-Dioxane	ND	1200	µg/L	25	V-05, V-16	SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Ethylbenzene	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH

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Project Location: Textron Providence, RI | Sample Description: | Work Order: 14G0584

Date Received: 7/14/2014

Field Sample #: MW-112 | Sampled: 7/11/2014 13:30

Sample ID: 14G0584-01

Sample Matrix: Ground Water

Sample Flags: RL-05

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	12	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
2-Hexanone (MBK)	ND	250	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Isopropylbenzene (Cumene)	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
p-Isopropyltoluene (p-Cymene)	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Methyl tert-Butyl Ether (MTBE)	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Methylene Chloride	ND	120	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
4-Methyl-2-pentanone (MIBK)	ND	250	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Naphthalene	ND	50	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
n-Propylbenzene	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Styrene	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
1,1,1,2-Tetrachloroethane	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
1,1,2,2-Tetrachloroethane	ND	12	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Tetrachloroethylene	1700	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Tetrahydrofuran	ND	50	µg/L	25	V-16	SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Toluene	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
1,2,3-Trichlorobenzene	ND	50	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
1,2,4-Trichlorobenzene	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
1,1,1-Trichloroethane	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
1,1,2-Trichloroethane	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Trichloroethylene	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Trichlorofluoromethane (Freon 11)	ND	50	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
1,2,3-Trichloropropane	ND	50	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
1,2,4-Trimethylbenzene	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
1,3,5-Trimethylbenzene	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
Vinyl Chloride	ND	50	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
m+p Xylene	ND	50	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH
o-Xylene	ND	25	µg/L	25		SW-846 8260C	7/15/14	7/15/14 16:49	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	99.4	70-130			7/15/14 16:49
Toluene-d8	99.2	70-130			7/15/14 16:49
4-Bromofluorobenzene	96.2	70-130			7/15/14 16:49

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Project Location: Textron Providence, RI | Sample Description: | Work Order: 14G0584

Date Received: 7/14/2014

Field Sample #: MW-116D | Sampled: 7/11/2014 14:00

Sample ID: 14G0584-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	20	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Bromomethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/15/14	7/15/14 12:36	EEH
2-Butanone (MEK)	ND	50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Carbon Disulfide	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Chloromethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/15/14	7/15/14 12:36	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/15/14	7/15/14 12:36	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/15/14	7/15/14 12:36	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
cis-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
trans-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH

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Project Location: Textron Providence, RI | Sample Description: | Work Order: 14G0584

Date Received: 7/14/2014

Field Sample #: MW-116D | Sampled: 7/11/2014 14:00

Sample ID: 14G0584-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Methylene Chloride	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/15/14	7/15/14 12:36	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Tetrahydrofuran	ND	2.0	µg/L	1	V-16	SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 12:36	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		7/15/14 12:36
Toluene-d8	98.4	70-130		7/15/14 12:36
4-Bromofluorobenzene	96.3	70-130		7/15/14 12:36

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron Providence, RI | Sample Description: | Work Order: 14G0584

Date Received: 7/14/2014

Field Sample #: MW-116S | Sampled: 7/11/2014 14:30

Sample ID: 14G0584-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	20	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Bromomethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/15/14	7/15/14 13:03	EEH
2-Butanone (MEK)	ND	50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Carbon Disulfide	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Chloromethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/15/14	7/15/14 13:03	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/15/14	7/15/14 13:03	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/15/14	7/15/14 13:03	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
cis-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
trans-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron Providence, RI | Sample Description: | Work Order: 14G0584

Date Received: 7/14/2014

Field Sample #: MW-116S | Sampled: 7/11/2014 14:30

Sample ID: 14G0584-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Methylene Chloride	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/15/14	7/15/14 13:03	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Tetrahydrofuran	ND	2.0	µg/L	1	V-16	SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 13:03	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		7/15/14 13:03
Toluene-d8	98.7	70-130		7/15/14 13:03
4-Bromofluorobenzene	94.8	70-130		7/15/14 13:03

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron Providence, RI | Sample Description: | Work Order: 14G0584

Date Received: 7/14/2014

Field Sample #: Trip Blank | Sampled: 7/11/2014 00:00

Sample ID: 14G0584-04

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	20	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Bromomethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/15/14	7/15/14 11:42	EEH
2-Butanone (MEK)	ND	50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Carbon Disulfide	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Chloromethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/15/14	7/15/14 11:42	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/15/14	7/15/14 11:42	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/15/14	7/15/14 11:42	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
cis-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
trans-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron Providence, RI | Sample Description: | Work Order: 14G0584

Date Received: 7/14/2014

Field Sample #: Trip Blank | Sampled: 7/11/2014 00:00

Sample ID: 14G0584-04

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Methylene Chloride	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/15/14	7/15/14 11:42	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Tetrahydrofuran	ND	2.0	µg/L	1	V-16	SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	7/15/14	7/15/14 11:42	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		7/15/14 11:42
Toluene-d8	96.9	70-130		7/15/14 11:42
4-Bromofluorobenzene	96.2	70-130		7/15/14 11:42

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
14G0584-01 [MW-112]	B100213	0.2	5.00	07/15/14
14G0584-02 [MW-116D]	B100213	5	5.00	07/15/14
14G0584-03 [MW-116S]	B100213	5	5.00	07/15/14
14G0584-04 [Trip Blank]	B100213	5	5.00	07/15/14

con-test® ANALYTICAL LABORATORY
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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B100213 - SW-846 5030B										
Blank (B100213-BLK1)				Prepared & Analyzed: 07/15/14						
Acetone	ND	20	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	1.0	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	5.0	µg/L							
2-Butanone (MEK)	ND	50	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	1.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	5.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	5.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	0.50	µg/L							
cis-1,3-Dichloropropene	ND	0.40	µg/L							
trans-1,3-Dichloropropene	ND	0.40	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16, V-05
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B100213 - SW-846 5030B											
Blank (B100213-BLK1)				Prepared & Analyzed: 07/15/14							
n-Propylbenzene	ND	1.0	µg/L								
Styrene	ND	1.0	µg/L								
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L								
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L								
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	2.0	µg/L							V-16	
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	2.0	µg/L								
1,2,4-Trichlorobenzene	ND	1.0	µg/L								
1,1,1-Trichloroethane	ND	1.0	µg/L								
1,1,2-Trichloroethane	ND	1.0	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*25.7*		µg/L	25.0		103	70-130				
Surrogate: Toluene-d8	*24.7*		µg/L	25.0		98.6	70-130				
Surrogate: 4-Bromofluorobenzene	*24.6*		µg/L	25.0		98.3	70-130				
LCS (B100213-BS1)				Prepared & Analyzed: 07/15/14							
Acetone	92.1	20	µg/L	100		92.1	40-160				†
tert-Amyl Methyl Ether (TAME)	10.2	0.50	µg/L	10.0		102	70-130				
Benzene	11.0	1.0	µg/L	10.0		110	70-130				
Bromobenzene	9.93	1.0	µg/L	10.0		99.3	70-130				
Bromochloromethane	10.9	1.0	µg/L	10.0		109	70-130				
Bromodichloromethane	10.3	1.0	µg/L	10.0		103	70-130				
Bromoform	12.9	1.0	µg/L	10.0		129	70-130				
Bromomethane	7.21	5.0	µg/L	10.0		72.1	40-160				†
2-Butanone (MEK)	94.1	50	µg/L	100		94.1	40-160				†
n-Butylbenzene	11.2	1.0	µg/L	10.0		112	70-130				
sec-Butylbenzene	10.4	1.0	µg/L	10.0		104	70-130				
tert-Butylbenzene	10.5	1.0	µg/L	10.0		105	70-130				
tert-Butyl Ethyl Ether (TBEE)	10.9	0.50	µg/L	10.0		109	70-130				
Carbon Disulfide	10.1	5.0	µg/L	10.0		101	70-130				
Carbon Tetrachloride	11.4	1.0	µg/L	10.0		114	70-130				
Chlorobenzene	9.73	1.0	µg/L	10.0		97.3	70-130				
Chlorodibromomethane	10.4	0.50	µg/L	10.0		104	70-130				
Chloroethane	10.3	2.0	µg/L	10.0		103	70-130				
Chloroform	10.5	2.0	µg/L	10.0		105	70-130				
Chloromethane	7.52	5.0	µg/L	10.0		75.2	40-160				†
2-Chlorotoluene	8.89	1.0	µg/L	10.0		88.9	70-130				
4-Chlorotoluene	9.97	1.0	µg/L	10.0		99.7	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	10.2	5.0	µg/L	10.0		102	70-130				
1,2-Dibromoethane (EDB)	11.0	0.50	µg/L	10.0		110	70-130				
Dibromomethane	10.9	1.0	µg/L	10.0		109	70-130				
1,2-Dichlorobenzene	9.84	1.0	µg/L	10.0		98.4	70-130				
1,3-Dichlorobenzene	9.76	1.0	µg/L	10.0		97.6	70-130				
1,4-Dichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B100213 - SW-846 5030B											
LCS (B100213-BS1)				Prepared & Analyzed: 07/15/14							
Dichlorodifluoromethane (Freon 12)	8.86	2.0	µg/L	10.0		88.6	40-160			V-20	†
1,1-Dichloroethane	11.2	1.0	µg/L	10.0		112	70-130				
1,2-Dichloroethane	10.1	5.0	µg/L	10.0		101	70-130				
1,1-Dichloroethylene	8.99	1.0	µg/L	10.0		89.9	70-130				
cis-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0		102	70-130				
trans-1,2-Dichloroethylene	10.7	1.0	µg/L	10.0		107	70-130				
1,2-Dichloropropane	10.2	1.0	µg/L	10.0		102	70-130				
1,3-Dichloropropane	10.6	0.50	µg/L	10.0		106	70-130				
2,2-Dichloropropane	12.0	1.0	µg/L	10.0		120	70-130				
1,1-Dichloropropene	11.7	0.50	µg/L	10.0		117	70-130				
cis-1,3-Dichloropropene	10.6	0.40	µg/L	10.0		106	70-130				
trans-1,3-Dichloropropene	11.7	0.40	µg/L	10.0		117	70-130				
Diethyl Ether	10.4	2.0	µg/L	10.0		104	70-130				
Diisopropyl Ether (DIPE)	9.69	0.50	µg/L	10.0		96.9	70-130				
1,4-Dioxane	76.0	50	µg/L	100		76.0	40-160			V-05, V-16	†
Ethylbenzene	10.4	1.0	µg/L	10.0		104	70-130				
Hexachlorobutadiene	10.9	0.50	µg/L	10.0		109	70-130				
2-Hexanone (MBK)	97.2	10	µg/L	100		97.2	40-160				†
Isopropylbenzene (Cumene)	9.81	1.0	µg/L	10.0		98.1	70-130				
p-Isopropyltoluene (p-Cymene)	11.1	1.0	µg/L	10.0		111	70-130				
Methyl tert-Butyl Ether (MTBE)	11.4	1.0	µg/L	10.0		114	70-130				
Methylene Chloride	8.46	5.0	µg/L	10.0		84.6	70-130				
4-Methyl-2-pentanone (MIBK)	97.1	10	µg/L	100		97.1	40-160				†
Naphthalene	11.5	2.0	µg/L	10.0		115	70-130				
n-Propylbenzene	10.1	1.0	µg/L	10.0		101	70-130				
Styrene	10.3	1.0	µg/L	10.0		103	70-130				
1,1,1,2-Tetrachloroethane	10.7	1.0	µg/L	10.0		107	70-130				
1,1,2,2-Tetrachloroethane	11.0	0.50	µg/L	10.0		110	70-130				
Tetrachloroethylene	10.7	1.0	µg/L	10.0		107	70-130				
Tetrahydrofuran	11.0	2.0	µg/L	10.0		110	70-130			V-16	
Toluene	10.4	1.0	µg/L	10.0		104	70-130				
1,2,3-Trichlorobenzene	11.0	2.0	µg/L	10.0		110	70-130				
1,2,4-Trichlorobenzene	10.9	1.0	µg/L	10.0		109	70-130				
1,1,1-Trichloroethane	11.3	1.0	µg/L	10.0		113	70-130				
1,1,2-Trichloroethane	10.5	1.0	µg/L	10.0		105	70-130				
Trichloroethylene	11.0	1.0	µg/L	10.0		110	70-130				
Trichlorofluoromethane (Freon 11)	10.2	2.0	µg/L	10.0		102	70-130				
1,2,3-Trichloropropane	10.9	2.0	µg/L	10.0		109	70-130				
1,2,4-Trimethylbenzene	10.8	1.0	µg/L	10.0		108	70-130				
1,3,5-Trimethylbenzene	10.2	1.0	µg/L	10.0		102	70-130				
Vinyl Chloride	7.89	2.0	µg/L	10.0		78.9	70-130				
m+p Xylene	19.9	2.0	µg/L	20.0		99.6	70-130				
o-Xylene	9.87	1.0	µg/L	10.0		98.7	70-130				
Surrogate: 1,2-Dichloroethane-d4	*25.4*		µg/L	25.0		101	70-130				
Surrogate: Toluene-d8	*24.4*		µg/L	25.0		97.5	70-130				
Surrogate: 4-Bromofluorobenzene	*24.4*		µg/L	25.0		97.6	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B100213 - SW-846 5030B											
LCS Dup (B100213-BSD1)				Prepared & Analyzed: 07/15/14							
Acetone	86.1	20	µg/L	100		86.1	40-160	6.74	20		†
tert-Amyl Methyl Ether (TAME)	9.53	0.50	µg/L	10.0		95.3	70-130	6.60	20		
Benzene	10.7	1.0	µg/L	10.0		107	70-130	2.59	20		
Bromobenzene	9.61	1.0	µg/L	10.0		96.1	70-130	3.28	20		
Bromochloromethane	10.5	1.0	µg/L	10.0		105	70-130	3.18	20		
Bromodichloromethane	9.89	1.0	µg/L	10.0		98.9	70-130	3.96	20		
Bromoform	12.0	1.0	µg/L	10.0		120	70-130	7.32	20		
Bromomethane	7.43	5.0	µg/L	10.0		74.3	40-160	3.01	20		†
2-Butanone (MEK)	88.7	50	µg/L	100		88.7	40-160	5.87	20		†
n-Butylbenzene	10.8	1.0	µg/L	10.0		108	70-130	3.00	20		
sec-Butylbenzene	10.3	1.0	µg/L	10.0		103	70-130	1.15	20		
tert-Butylbenzene	10.3	1.0	µg/L	10.0		103	70-130	2.60	20		
tert-Butyl Ethyl Ether (TBEE)	9.85	0.50	µg/L	10.0		98.5	70-130	10.5	20		
Carbon Disulfide	9.72	5.0	µg/L	10.0		97.2	70-130	3.64	20		
Carbon Tetrachloride	11.4	1.0	µg/L	10.0		114	70-130	0.0875	20		
Chlorobenzene	9.56	1.0	µg/L	10.0		95.6	70-130	1.76	20		
Chlorodibromomethane	9.84	0.50	µg/L	10.0		98.4	70-130	5.92	20		
Chloroethane	9.55	2.0	µg/L	10.0		95.5	70-130	7.17	20		
Chloroform	9.87	2.0	µg/L	10.0		98.7	70-130	6.19	20		
Chloromethane	8.04	5.0	µg/L	10.0		80.4	40-160	6.68	20		†
2-Chlorotoluene	8.82	1.0	µg/L	10.0		88.2	70-130	0.791	20		
4-Chlorotoluene	9.24	1.0	µg/L	10.0		92.4	70-130	7.60	20		
1,2-Dibromo-3-chloropropane (DBCP)	10.3	5.0	µg/L	10.0		103	70-130	1.17	20		
1,2-Dibromoethane (EDB)	10.6	0.50	µg/L	10.0		106	70-130	3.89	20		
Dibromomethane	10.4	1.0	µg/L	10.0		104	70-130	4.69	20		
1,2-Dichlorobenzene	9.20	1.0	µg/L	10.0		92.0	70-130	6.72	20		
1,3-Dichlorobenzene	9.31	1.0	µg/L	10.0		93.1	70-130	4.72	20		
1,4-Dichlorobenzene	9.57	1.0	µg/L	10.0		95.7	70-130	5.39	20		
Dichlorodifluoromethane (Freon 12)	8.66	2.0	µg/L	10.0		86.6	40-160	2.28	20	V-20	†
1,1-Dichloroethane	10.6	1.0	µg/L	10.0		106	70-130	6.04	20		
1,2-Dichloroethane	9.83	5.0	µg/L	10.0		98.3	70-130	2.61	20		
1,1-Dichloroethylene	8.83	1.0	µg/L	10.0		88.3	70-130	1.80	20		
cis-1,2-Dichloroethylene	9.84	1.0	µg/L	10.0		98.4	70-130	3.79	20		
trans-1,2-Dichloroethylene	10.5	1.0	µg/L	10.0		105	70-130	1.98	20		
1,2-Dichloropropane	10.2	1.0	µg/L	10.0		102	70-130	0.294	20		
1,3-Dichloropropane	10.3	0.50	µg/L	10.0		103	70-130	2.20	20		
2,2-Dichloropropane	11.4	1.0	µg/L	10.0		114	70-130	5.48	20		
1,1-Dichloropropene	11.0	0.50	µg/L	10.0		110	70-130	6.06	20		
cis-1,3-Dichloropropene	10.1	0.40	µg/L	10.0		101	70-130	5.00	20		
trans-1,3-Dichloropropene	11.2	0.40	µg/L	10.0		112	70-130	4.20	20		
Diethyl Ether	9.85	2.0	µg/L	10.0		98.5	70-130	5.24	20		
Diisopropyl Ether (DIPE)	8.98	0.50	µg/L	10.0		89.8	70-130	7.61	20		
1,4-Dioxane	75.8	50	µg/L	100		75.8	40-160	0.316	20	V-05, V-16	†
Ethylbenzene	10.1	1.0	µg/L	10.0		101	70-130	2.54	20		
Hexachlorobutadiene	10.7	0.50	µg/L	10.0		107	70-130	1.66	20		
2-Hexanone (MBK)	89.1	10	µg/L	100		89.1	40-160	8.70	20		†
Isopropylbenzene (Cumene)	9.67	1.0	µg/L	10.0		96.7	70-130	1.44	20		
p-Isopropyltoluene (p-Cymene)	10.5	1.0	µg/L	10.0		105	70-130	6.01	20		
Methyl tert-Butyl Ether (MTBE)	10.6	1.0	µg/L	10.0		106	70-130	7.24	20		
Methylene Chloride	7.94	5.0	µg/L	10.0		79.4	70-130	6.34	20		
4-Methyl-2-pentanone (MIBK)	90.6	10	µg/L	100		90.6	40-160	6.93	20		†
Naphthalene	10.7	2.0	µg/L	10.0		107	70-130	6.67	20		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B100213 - SW-846 5030B										
LCS Dup (B100213-BSD1)				Prepared & Analyzed: 07/15/14						
n-Propylbenzene	9.77	1.0	µg/L	10.0		97.7	70-130	3.52	20	
Styrene	9.59	1.0	µg/L	10.0		95.9	70-130	6.85	20	
1,1,1,2-Tetrachloroethane	10.4	1.0	µg/L	10.0		104	70-130	3.32	20	
1,1,2,2-Tetrachloroethane	10.3	0.50	µg/L	10.0		103	70-130	5.73	20	
Tetrachloroethylene	10.5	1.0	µg/L	10.0		105	70-130	1.80	20	
Tetrahydrofuran	10.9	2.0	µg/L	10.0		109	70-130	1.28	20	V-16
Toluene	9.92	1.0	µg/L	10.0		99.2	70-130	4.63	20	
1,2,3-Trichlorobenzene	10.2	2.0	µg/L	10.0		102	70-130	8.20	20	
1,2,4-Trichlorobenzene	10.4	1.0	µg/L	10.0		104	70-130	4.80	20	
1,1,1-Trichloroethane	10.8	1.0	µg/L	10.0		108	70-130	3.89	20	
1,1,2-Trichloroethane	10.0	1.0	µg/L	10.0		100	70-130	4.49	20	
Trichloroethylene	10.8	1.0	µg/L	10.0		108	70-130	1.93	20	
Trichlorofluoromethane (Freon 11)	10.2	2.0	µg/L	10.0		102	70-130	0.784	20	
1,2,3-Trichloropropane	10.0	2.0	µg/L	10.0		100	70-130	8.04	20	
1,2,4-Trimethylbenzene	10.2	1.0	µg/L	10.0		102	70-130	4.76	20	
1,3,5-Trimethylbenzene	9.74	1.0	µg/L	10.0		97.4	70-130	4.61	20	
Vinyl Chloride	7.58	2.0	µg/L	10.0		75.8	70-130	4.01	20	
m+p Xylene	19.0	2.0	µg/L	20.0		95.2	70-130	4.52	20	
o-Xylene	9.65	1.0	µg/L	10.0		96.5	70-130	2.25	20	
Surrogate: 1,2-Dichloroethane-d4	*24.6*		µg/L	25.0		98.4	70-130			
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		99.8	70-130			
Surrogate: 4-Bromofluorobenzene	*24.2*		µg/L	25.0		96.6	70-130			

con-test® ANALYTICAL LABORATORY
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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
RL-05	Elevated reporting limit due to high concentration of target compounds. MA CAM reporting limit not met.
RL-07	Elevated reporting limit based on lowest point in calibration. MA CAM reporting limit not met.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Acetone	CT,NH,NY,ME
tert-Amyl Methyl Ether (TAME)	NH,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	ME
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	NY,ME
sec-Butylbenzene	NY,ME
tert-Butylbenzene	NY,ME
tert-Butyl Ethyl Ether (TBEE)	NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	NY,ME
4-Chlorotoluene	NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Diisopropyl Ether (DIPE)	NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	NY,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Naphthalene	NH,NY,ME
n-Propylbenzene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,3-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	CT,NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	NY,ME
1,3,5-Trimethylbenzene	NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2015
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2015
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2014

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con-test ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

14G0584
Rev 04.05.12

Company Name: CB&I Environmental, Inc.
Address: 150 Royall Street
Canton, MA 02021
Attention: Edward VanDoren
Project Location: Textron Providence, RI
Sampled By: DANIEL C. LEARY

Telephone: 617-589-4030
Project #: 130274
Client PO#: 835493

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #:
Email: edward.vandoren@cbi.com
Format: ☒ PDF ○ EXCEL ○ GIS
☒ OTHER GISKey format
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	*** Container Co	EPA 8260B (VOC's)
01	MW-112	7	7/11/14	1330	3	GW	G	3	H	V	3
02	MW-116D		7/11/14	1400	3			3			3
03	MW-116S		7/11/14	1430	3			3			3
04	TRIP BLANK (BY LAB)		LOT# BD1-085		3	TW		3			3

ANALYSIS REQUESTED

Dissolved Meta
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulf
X = Na hydroxide
T = Na thiosulfate
O = Other

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL= sludge
O = other

Comments: Please email GISKey formatted EDD & PDF of report to: Catherine.Joe@cbi.com.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	0600 7/14/14	Date/Time:
Received by: (signature)	7/14/14	Date/Time: 9:45
Relinquished by: (signature)	7/14/14	Date/Time: 1700
Received by: (signature) 2.5°	7.14.14	Date/Time: 1700

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Page 23 of 25 14G0584_1 Contest_Final 07 23 14 1701 07/23/14 17:01:59

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: ~~CB&I~~ Environmental RECEIVED BY: CC DATE: 7-14-14

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included

2) **Does the chain agree with the samples?** (Yes) No
If not, explain:

3) **Are all the samples in good condition?** (Yes) No
If not, explain:

4) **How were the samples received:**
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank 2.5° Temperature °C by Temp gun _____

5) **Are there Dissolved samples for the lab to filter?** Yes (No)
Who was notified _____ Date _____ Time _____

6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)
Who was notified _____ Date _____ Time _____

7) **Location where samples are stored:** 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____

9) **Do all samples have the proper Base pH:** Yes No (N/A) _____

10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below	12	Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl 12 # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	T	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Log-In Technician Initials: CC **Date/Time:** 7.14.14 1700

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

September 5, 2014

Edward Van Doren
CB&I Env. & Infrastructure - MA
150 Royall Street
Canton, MA 02021

Project Location: Textron/Providence, RI
Client Job Number:
Project Number: 130274
Laboratory Work Order Number: 14H1103

Enclosed are results of analyses for samples received by the laboratory on August 25, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

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Table of Contents (continued)

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CB&I Env. & Infrastructure - MA
150 Royall Street
Canton, MA 02021
ATTN: Edward Van Doren

REPORT DATE: 9/5/2014

PURCHASE ORDER NUMBER: 835493-000 OP

PROJECT NUMBER: 130274

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14H1103

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Textron/Providence, RI

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-207S	14H1103-01	Ground Water		SW-846 8260C	
MW-207D	14H1103-02	Ground Water		SW-846 8260C	
MW-202D	14H1103-04	Ground Water		SW-846 8260C	
MW-101S	14H1103-05	Ground Water		SW-846 8260C	
MW-101S DUP	14H1103-06	Ground Water		SW-846 8260C	
MW-101D	14H1103-07	Ground Water		SW-846 8260C	
MW-209D	14H1103-08	Ground Water		SW-846 8260C	
MW-112	14H1103-09	Ground Water		SW-846 8260C	
MW-201D	14H1103-10	Ground Water		SW-846 8260C	
GZA-3	14H1103-11	Ground Water		SW-846 6010C	
				SW-846 8260C	
MW-109D	14H1103-12	Ground Water		SW-846 6010C	
				SW-846 8260C	
GZA-3 DUP	14H1103-13	Ground Water		SW-846 6010C	
CW-6	14H1103-14	Ground Water		SW-846 8100 Modified	
CW-6 DUP	14H1103-15	Ground Water		SW-846 8100 Modified	
CW-2	14H1103-16	Ground Water		SW-846 8260C	
MW-116S	14H1103-17	Ground Water		SW-846 8260C	
CW-1	14H1103-18	Ground Water		SW-846 8260C	
MW-116D	14H1103-19	Ground Water		SW-846 8260C	
MW-217S	14H1103-20	Ground Water		SW-846 8260C	
MW-217D	14H1103-21	Ground Water		SW-846 8260C	
MW-216S	14H1103-22	Ground Water		SW-846 8260C	
MW-216D	14H1103-23	Ground Water		SW-846 8260C	
TRIP BLANK	14H1103-24	Trip Blank Water		SW-846 8260C	
MW-218S	14H1103-25	Ground Water		SW-846 8260C	
MW-218D	14H1103-26	Ground Water		SW-846 8260C	

con-test® ANALYTICAL LABORATORY
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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 8260C

Qualifications:

L-02

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Acetone
B103867-BS1, B103867-BSD1, B103943-BS1, B103943-BSD1

Bromoform
B103867-BS1, B103867-BSD1, B103943-BS1, B103943-BSD1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

14H1103-08[MW-209D], 14H1103-09[MW-112], 14H1103-10[MW-201D], 14H1103-11[GZA-3], 14H1103-18[CW-1], 14H1103-22[MW-216S], 14H1103-26[MW-218D]

V-05

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,4-Dioxane
14H1103-01[MW-207S], 14H1103-02[MW-207D], 14H1103-04[MW-202D], 14H1103-05[MW-101S], 14H1103-06[MW-101S DUP], 14H1103-07[MW-101D], 14H1103-08[MW-209D], 14H1103-09[MW-112], 14H1103-10[MW-201D], 14H1103-11[GZA-3], 14H1103-12[MW-109D], 14H1103-16[CW-2], 14H1103-17[MW-116S], 14H1103-18[CW-1], 14H1103-19[MW-116D], 14H1103-20[MW-217S], 14H1103-21[MW-217D], 14H1103-22[MW-216S], 14H1103-23[MW-216D], 14H1103-24[TRIP BLANK], 14H1103-25[MW-218S], 14H1103-26[MW-218D], B103867-BLK1, B103867-BS1, B103867-BSD1, B103943-BLK1, B103943-BS1, B103943-BSD1

tert-Butyl Alcohol (TBA)
14H1103-01[MW-207S], 14H1103-02[MW-207D], 14H1103-04[MW-202D], 14H1103-05[MW-101S], 14H1103-06[MW-101S DUP], 14H1103-08[MW-209D], 14H1103-09[MW-112], 14H1103-10[MW-201D], 14H1103-11[GZA-3], 14H1103-18[CW-1], 14H1103-20[MW-217S], B103867-BLK1, B103867-BS1, B103867-BSD1

V-16

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane
14H1103-01[MW-207S], 14H1103-02[MW-207D], 14H1103-04[MW-202D], 14H1103-05[MW-101S], 14H1103-06[MW-101S DUP], 14H1103-07[MW-101D], 14H1103-08[MW-209D], 14H1103-09[MW-112], 14H1103-10[MW-201D], 14H1103-11[GZA-3], 14H1103-12[MW-109D], 14H1103-16[CW-2], 14H1103-17[MW-116S], 14H1103-18[CW-1], 14H1103-19[MW-116D], 14H1103-20[MW-217S], 14H1103-21[MW-217D], 14H1103-22[MW-216S], 14H1103-23[MW-216D], 14H1103-24[TRIP BLANK], 14H1103-25[MW-218S], 14H1103-26[MW-218D], B103867-BLK1, B103867-BS1, B103867-BSD1, B103943-BLK1, B103943-BS1, B103943-BSD1

tert-Butyl Alcohol (TBA)
14H1103-01[MW-207S], 14H1103-02[MW-207D], 14H1103-04[MW-202D], 14H1103-05[MW-101S], 14H1103-06[MW-101S DUP], 14H1103-07[MW-101D], 14H1103-08[MW-209D], 14H1103-09[MW-112], 14H1103-10[MW-201D], 14H1103-11[GZA-3], 14H1103-12[MW-109D], 14H1103-16[CW-2], 14H1103-17[MW-116S], 14H1103-18[CW-1], 14H1103-19[MW-116D], 14H1103-20[MW-217S], 14H1103-21[MW-217D], 14H1103-22[MW-216S], 14H1103-23[MW-216D], 14H1103-24[TRIP BLANK], 14H1103-25[MW-218S], 14H1103-26[MW-218D], B103867-BLK1, B103867-BS1, B103867-BSD1, B103943-BLK1, B103943-BS1, B103943-BSD1

Tetrahydrofuran
14H1103-01[MW-207S], 14H1103-02[MW-207D], 14H1103-04[MW-202D], 14H1103-05[MW-101S], 14H1103-06[MW-101S DUP], 14H1103-07[MW-101D], 14H1103-08[MW-209D], 14H1103-09[MW-112], 14H1103-10[MW-201D], 14H1103-11[GZA-3], 14H1103-12[MW-109D], 14H1103-16[CW-2], 14H1103-17[MW-116S], 14H1103-18[CW-1], 14H1103-19[MW-116D], 14H1103-20[MW-217S], 14H1103-21[MW-217D], 14H1103-22[MW-216S], 14H1103-23[MW-216D], 14H1103-24[TRIP BLANK], 14H1103-25[MW-218S], 14H1103-26[MW-218D], B103867-BLK1, B103867-BS1, B103867-BSD1, B103943-BLK1, B103943-BS1, B103943-BSD1

V-20

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromoform
B103867-BS1, B103867-BSD1, B103943-BS1, B103943-BSD1

Dichlorodifluoromethane (Freon 12
B103867-BS1, B103867-BSD1

n-Butylbenzene
B103867-BS1, B103867-BSD1

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 8100 Modified

TPH (C9-C36) is quantitated against a calibration made with a diesel standard.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian
Laboratory Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-207S | Sampled: 8/22/2014 07:45

Sample ID: 14H1103-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	8/29/14	8/29/14 23:50	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Chloromethane	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
1,1-Dichloroethane	1.0	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
cis-1,2-Dichloroethylene	3.2	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-207S | Sampled: 8/22/2014 07:45

Sample ID: 14H1103-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Tetrachloroethylene	62	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Trichloroethylene	3.7	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/29/14 23:50	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	93.6	70-130		8/29/14 23:50
Toluene-d8	94.4	70-130		8/29/14 23:50
4-Bromofluorobenzene	92.8	70-130		8/29/14 23:50

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-207D | Sampled: 8/22/2014 08:15

Sample ID: 14H1103-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	8/29/14	8/30/14 0:16	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Chloromethane	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
cis-1,2-Dichloroethylene	18	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-207D | Sampled: 8/22/2014 08:15

Sample ID: 14H1103-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Tetrachloroethylene	11	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Trichloroethylene	1.6	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:16	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	97.6	70-130			8/30/14 0:16
Toluene-d8	95.0	70-130			8/30/14 0:16
4-Bromofluorobenzene	93.1	70-130			8/30/14 0:16

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-202D | Sampled: 8/22/2014 09:15

Sample ID: 14H1103-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	8/29/14	8/30/14 4:44	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Chloromethane	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-202D | Sampled: 8/22/2014 09:15

Sample ID: 14H1103-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Tetrachloroethylene	210	20	µg/L	20		SW-846 8260C	8/29/14	9/4/14 11:07	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Trichloroethylene	1.7	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 4:44	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	92.7	70-130		8/30/14 4:44
1,2-Dichloroethane-d4	92.1	70-130		9/4/14 11:07
Toluene-d8	92.5	70-130		8/30/14 4:44
Toluene-d8	95.7	70-130		9/4/14 11:07
4-Bromofluorobenzene	93.5	70-130		9/4/14 11:07
4-Bromofluorobenzene	92.4	70-130		8/30/14 4:44

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-101S | Sampled: 8/22/2014 10:00

Sample ID: 14H1103-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	8/29/14	8/30/14 0:43	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Chloromethane	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
cis-1,2-Dichloroethylene	110	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-101S | Sampled: 8/22/2014 10:00

Sample ID: 14H1103-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Tetrachloroethylene	14000	1000	µg/L	1000		SW-846 8260C	8/29/14	9/4/14 15:06	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Trichloroethylene	16	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
Vinyl Chloride	7.0	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 0:43	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	91.8	70-130		9/4/14 15:06
1,2-Dichloroethane-d4	89.9	70-130		8/30/14 0:43
Toluene-d8	91.6	70-130		8/30/14 0:43
Toluene-d8	93.6	70-130		9/4/14 15:06
4-Bromofluorobenzene	92.0	70-130		9/4/14 15:06
4-Bromofluorobenzene	93.3	70-130		8/30/14 0:43

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-101S DUP | Sampled: 8/22/2014 10:00

Sample ID: 14H1103-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	8/29/14	8/30/14 1:10	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Chloromethane	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
cis-1,2-Dichloroethylene	110	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-101S DUP | Sampled: 8/22/2014 10:00

Sample ID: 14H1103-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Tetrachloroethylene	14000	1000	µg/L	1000		SW-846 8260C	8/29/14	9/4/14 16:27	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Trichloroethylene	17	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
Vinyl Chloride	7.0	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 1:10	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	91.7	70-130		9/4/14 16:27
1,2-Dichloroethane-d4	91.4	70-130		8/30/14 1:10
Toluene-d8	93.7	70-130		8/30/14 1:10
Toluene-d8	95.2	70-130		9/4/14 16:27
4-Bromofluorobenzene	92.5	70-130		9/4/14 16:27
4-Bromofluorobenzene	92.5	70-130		8/30/14 1:10

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-101D | Sampled: 8/22/2014 10:30

Sample ID: 14H1103-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	9/1/14	9/4/14 11:33	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Chloromethane	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
cis-1,2-Dichloroethylene	5.6	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-101D | Sampled: 8/22/2014 10:30

Sample ID: 14H1103-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Tetrachloroethylene	17	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 11:33	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	92.8	70-130		9/4/14 11:33
Toluene-d8	95.1	70-130		9/4/14 11:33
4-Bromofluorobenzene	93.1	70-130		9/4/14 11:33

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-209D | Sampled: 8/22/2014 11:00

Sample ID: 14H1103-08

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	500	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Acrylonitrile	ND	50	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
tert-Amyl Methyl Ether (TAME)	ND	5.0	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Benzene	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Bromobenzene	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Bromochloromethane	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Bromodichloromethane	ND	5.0	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Bromoform	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Bromomethane	ND	20	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
2-Butanone (MEK)	ND	200	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
tert-Butyl Alcohol (TBA)	ND	200	µg/L	10	V-05, V-16	SW-846 8260C	8/29/14	8/30/14 5:11	EEH
n-Butylbenzene	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
sec-Butylbenzene	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
tert-Butylbenzene	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	5.0	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Carbon Disulfide	ND	40	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Carbon Tetrachloride	ND	50	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Chlorobenzene	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Chlorodibromomethane	ND	5.0	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Chloroethane	ND	20	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Chloroform	ND	20	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Chloromethane	ND	50	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
2-Chlorotoluene	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
4-Chlorotoluene	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
1,2-Dibromoethane (EDB)	ND	5.0	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Dibromomethane	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
1,2-Dichlorobenzene	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
1,3-Dichlorobenzene	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
1,4-Dichlorobenzene	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
trans-1,4-Dichloro-2-butene	ND	20	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Dichlorodifluoromethane (Freon 12)	ND	20	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
1,1-Dichloroethane	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
1,2-Dichloroethane	ND	50	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
1,1-Dichloroethylene	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
cis-1,2-Dichloroethylene	87	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
trans-1,2-Dichloroethylene	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
1,2-Dichloropropane	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
1,3-Dichloropropane	ND	5.0	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
2,2-Dichloropropane	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
1,1-Dichloropropene	ND	20	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
cis-1,3-Dichloropropene	ND	5.0	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
trans-1,3-Dichloropropene	ND	5.0	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Diethyl Ether	ND	20	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-209D | Sampled: 8/22/2014 11:00

Sample ID: 14H1103-08

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	5.0	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
1,4-Dioxane	ND	500	µg/L	10	V-05, V-16	SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Ethylbenzene	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Hexachlorobutadiene	ND	5.0	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
2-Hexanone (MBK)	ND	100	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Isopropylbenzene (Cumene)	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
p-Isopropyltoluene (p-Cymene)	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Methyl tert-Butyl Ether (MTBE)	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Methylene Chloride	ND	50	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
4-Methyl-2-pentanone (MIBK)	ND	100	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Naphthalene	ND	20	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
n-Propylbenzene	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Styrene	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
1,1,1,2-Tetrachloroethane	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
1,1,2,2-Tetrachloroethane	ND	5.0	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Tetrachloroethylene	810	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Tetrahydrofuran	ND	100	µg/L	10	V-16	SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Toluene	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
1,2,3-Trichlorobenzene	ND	50	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
1,2,4-Trichlorobenzene	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
1,3,5-Trichlorobenzene	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
1,1,1-Trichloroethane	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
1,1,2-Trichloroethane	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Trichloroethylene	170	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Trichlorofluoromethane (Freon 11)	ND	20	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
1,2,3-Trichloropropane	ND	20	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
1,2,4-Trimethylbenzene	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
1,3,5-Trimethylbenzene	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
Vinyl Chloride	ND	20	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
m+p Xylene	ND	20	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH
o-Xylene	ND	10	µg/L	10		SW-846 8260C	8/29/14	8/30/14 5:11	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	89.0	70-130			8/30/14 5:11
Toluene-d8	97.4	70-130			8/30/14 5:11
4-Bromofluorobenzene	91.2	70-130			8/30/14 5:11

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-112 | Sampled: 8/22/2014 11:30

Sample ID: 14H1103-09

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5000	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Acrylonitrile	ND	500	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
tert-Amyl Methyl Ether (TAME)	ND	50	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Benzene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Bromobenzene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Bromochloromethane	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Bromodichloromethane	ND	50	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Bromoform	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Bromomethane	ND	200	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
2-Butanone (MEK)	ND	2000	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
tert-Butyl Alcohol (TBA)	ND	2000	µg/L	100	V-05, V-16	SW-846 8260C	8/29/14	8/30/14 5:38	EEH
n-Butylbenzene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
sec-Butylbenzene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
tert-Butylbenzene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	50	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Carbon Disulfide	ND	400	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Carbon Tetrachloride	ND	500	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Chlorobenzene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Chlorodibromomethane	ND	50	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Chloroethane	ND	200	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Chloroform	ND	200	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Chloromethane	ND	500	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
2-Chlorotoluene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
4-Chlorotoluene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	500	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
1,2-Dibromoethane (EDB)	ND	50	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Dibromomethane	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
1,2-Dichlorobenzene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
1,3-Dichlorobenzene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
1,4-Dichlorobenzene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
trans-1,4-Dichloro-2-butene	ND	200	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Dichlorodifluoromethane (Freon 12)	ND	200	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
1,1-Dichloroethane	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
1,2-Dichloroethane	ND	500	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
1,1-Dichloroethylene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
cis-1,2-Dichloroethylene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
trans-1,2-Dichloroethylene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
1,2-Dichloropropane	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
1,3-Dichloropropane	ND	50	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
2,2-Dichloropropane	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
1,1-Dichloropropene	ND	200	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
cis-1,3-Dichloropropene	ND	50	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
trans-1,3-Dichloropropene	ND	50	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Diethyl Ether	ND	200	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-112 | Sampled: 8/22/2014 11:30

Sample ID: 14H1103-09

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	50	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
1,4-Dioxane	ND	5000	µg/L	100	V-05, V-16	SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Ethylbenzene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Hexachlorobutadiene	ND	50	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
2-Hexanone (MBK)	ND	1000	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Isopropylbenzene (Cumene)	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
p-Isopropyltoluene (p-Cymene)	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Methyl tert-Butyl Ether (MTBE)	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Methylene Chloride	ND	500	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
4-Methyl-2-pentanone (MIBK)	ND	1000	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Naphthalene	ND	200	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
n-Propylbenzene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Styrene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
1,1,1,2-Tetrachloroethane	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
1,1,2,2-Tetrachloroethane	ND	50	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Tetrachloroethylene	2600	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Tetrahydrofuran	ND	1000	µg/L	100	V-16	SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Toluene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
1,2,3-Trichlorobenzene	ND	500	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
1,2,4-Trichlorobenzene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
1,3,5-Trichlorobenzene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
1,1,1-Trichloroethane	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
1,1,2-Trichloroethane	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Trichloroethylene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Trichlorofluoromethane (Freon 11)	ND	200	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
1,2,3-Trichloropropane	ND	200	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
1,2,4-Trimethylbenzene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
1,3,5-Trimethylbenzene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
Vinyl Chloride	ND	200	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
m+p Xylene	ND	200	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH
o-Xylene	ND	100	µg/L	100		SW-846 8260C	8/29/14	8/30/14 5:38	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	92.1	70-130			8/30/14 5:38
Toluene-d8	95.1	70-130			8/30/14 5:38
4-Bromofluorobenzene	93.0	70-130			8/30/14 5:38

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-201D | Sampled: 8/22/2014 12:00

Sample ID: 14H1103-10

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10000	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Acrylonitrile	ND	1000	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
tert-Amyl Methyl Ether (TAME)	ND	100	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Benzene	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Bromobenzene	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Bromochloromethane	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Bromodichloromethane	ND	100	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Bromoform	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Bromomethane	ND	400	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
2-Butanone (MEK)	ND	4000	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
tert-Butyl Alcohol (TBA)	ND	4000	µg/L	200	V-05, V-16	SW-846 8260C	8/29/14	8/30/14 6:05	EEH
n-Butylbenzene	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
sec-Butylbenzene	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
tert-Butylbenzene	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	100	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Carbon Disulfide	ND	800	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Carbon Tetrachloride	ND	1000	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Chlorobenzene	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Chlorodibromomethane	ND	100	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Chloroethane	ND	400	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Chloroform	ND	400	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Chloromethane	ND	1000	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
2-Chlorotoluene	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
4-Chlorotoluene	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1000	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
1,2-Dibromoethane (EDB)	ND	100	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Dibromomethane	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
1,2-Dichlorobenzene	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
1,3-Dichlorobenzene	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
1,4-Dichlorobenzene	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
trans-1,4-Dichloro-2-butene	ND	400	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Dichlorodifluoromethane (Freon 12)	ND	400	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
1,1-Dichloroethane	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
1,2-Dichloroethane	ND	1000	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
1,1-Dichloroethylene	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
cis-1,2-Dichloroethylene	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
trans-1,2-Dichloroethylene	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
1,2-Dichloropropane	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
1,3-Dichloropropane	ND	100	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
2,2-Dichloropropane	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
1,1-Dichloropropene	ND	400	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
cis-1,3-Dichloropropene	ND	100	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
trans-1,3-Dichloropropene	ND	100	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Diethyl Ether	ND	400	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-201D | Sampled: 8/22/2014 12:00

Sample ID: 14H1103-10

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	100	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
1,4-Dioxane	ND	10000	µg/L	200	V-05, V-16	SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Ethylbenzene	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Hexachlorobutadiene	ND	100	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
2-Hexanone (MBK)	ND	2000	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Isopropylbenzene (Cumene)	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
p-Isopropyltoluene (p-Cymene)	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Methyl tert-Butyl Ether (MTBE)	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Methylene Chloride	ND	1000	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
4-Methyl-2-pentanone (MIBK)	ND	2000	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Naphthalene	ND	400	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
n-Propylbenzene	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Styrene	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
1,1,1,2-Tetrachloroethane	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
1,1,2,2-Tetrachloroethane	ND	100	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Tetrachloroethylene	14000	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Tetrahydrofuran	ND	2000	µg/L	200	V-16	SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Toluene	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
1,2,3-Trichlorobenzene	ND	1000	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
1,2,4-Trichlorobenzene	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
1,3,5-Trichlorobenzene	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
1,1,1-Trichloroethane	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
1,1,2-Trichloroethane	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Trichloroethylene	320	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Trichlorofluoromethane (Freon 11)	ND	400	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
1,2,3-Trichloropropane	ND	400	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
1,2,4-Trimethylbenzene	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
1,3,5-Trimethylbenzene	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
Vinyl Chloride	ND	400	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
m+p Xylene	ND	400	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH
o-Xylene	ND	200	µg/L	200		SW-846 8260C	8/29/14	8/30/14 6:05	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	91.0	70-130			8/30/14 6:05
Toluene-d8	95.1	70-130			8/30/14 6:05
4-Bromofluorobenzene	92.4	70-130			8/30/14 6:05

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: GZA-3 | Sampled: 8/22/2014 07:00

Sample ID: 14H1103-11

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	100	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Acrylonitrile	ND	10	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
tert-Amyl Methyl Ether (TAME)	ND	1.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Benzene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Bromobenzene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Bromochloromethane	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Bromodichloromethane	ND	1.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Bromoform	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Bromomethane	ND	4.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
2-Butanone (MEK)	ND	40	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
tert-Butyl Alcohol (TBA)	ND	40	µg/L	2	V-05, V-16	SW-846 8260C	8/29/14	8/30/14 6:32	EEH
n-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
sec-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
tert-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	1.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Carbon Disulfide	ND	8.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Carbon Tetrachloride	ND	10	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Chlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Chlorodibromomethane	ND	1.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Chloroethane	ND	4.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Chloroform	ND	4.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Chloromethane	ND	10	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
2-Chlorotoluene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
4-Chlorotoluene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Dibromomethane	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
1,2-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
1,3-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
1,4-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
trans-1,4-Dichloro-2-butene	ND	4.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Dichlorodifluoromethane (Freon 12)	ND	4.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
1,1-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
1,2-Dichloroethane	ND	10	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
1,1-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
cis-1,2-Dichloroethylene	30	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
trans-1,2-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
1,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
1,3-Dichloropropane	ND	1.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
2,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
1,1-Dichloropropene	ND	4.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
cis-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
trans-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Diethyl Ether	ND	4.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: GZA-3 | Sampled: 8/22/2014 07:00

Sample ID: 14H1103-11

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	1.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
1,4-Dioxane	ND	100	µg/L	2	V-05, V-16	SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Ethylbenzene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Hexachlorobutadiene	ND	1.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
2-Hexanone (MBK)	ND	20	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Isopropylbenzene (Cumene)	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
p-Isopropyltoluene (p-Cymene)	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Methylene Chloride	ND	10	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
4-Methyl-2-pentanone (MIBK)	ND	20	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Naphthalene	ND	4.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
n-Propylbenzene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Styrene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Tetrachloroethylene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Tetrahydrofuran	ND	20	µg/L	2	V-16	SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Toluene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
1,2,3-Trichlorobenzene	ND	10	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
1,2,4-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
1,3,5-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
1,1,1-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
1,1,2-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Trichloroethylene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Trichlorofluoromethane (Freon 11)	ND	4.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
1,2,3-Trichloropropane	ND	4.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
1,2,4-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
1,3,5-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
Vinyl Chloride	30	4.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
m+p Xylene	ND	4.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH
o-Xylene	ND	2.0	µg/L	2		SW-846 8260C	8/29/14	8/30/14 6:32	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	90.6	70-130		8/30/14 6:32
Toluene-d8	96.8	70-130		8/30/14 6:32
4-Bromofluorobenzene	92.9	70-130		8/30/14 6:32

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: GZA-3 | Sampled: 8/22/2014 07:00

Sample ID: 14H1103-11

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	ND	0.010	mg/L	1		SW-846 6010C	8/27/14	8/28/14 12:14	OP

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-109D | Sampled: 8/22/2014 06:30

Sample ID: 14H1103-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	9/1/14	9/4/14 12:00	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Chloromethane	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-109D | Sampled: 8/22/2014 06:30

Sample ID: 14H1103-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:00	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	89.0	70-130		9/4/14 12:00
Toluene-d8	96.0	70-130		9/4/14 12:00
4-Bromofluorobenzene	95.8	70-130		9/4/14 12:00

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-109D | Sampled: 8/22/2014 06:30

Sample ID: 14H1103-12

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	ND	0.010	mg/L	1		SW-846 6010C	8/27/14	8/28/14 12:49	OP

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: GZA-3 DUP | Sampled: 8/22/2014 07:00

Sample ID: 14H1103-13

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	ND	0.010	mg/L	1		SW-846 6010C	8/27/14	8/28/14 12:54	OP

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: CW-6 | Sampled: 8/22/2014 08:00

Sample ID: 14H1103-14

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH (C9-C36)	5.7	0.20	mg/L	1		SW-846 8100 Modified	8/27/14	8/28/14 14:54	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
o-Terphenyl	73.1	40-140					8/28/14 14:54

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: CW-6 DUP | Sampled: 8/22/2014 08:00

Sample ID: 14H1103-15

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH (C9-C36)	5.5	0.20	mg/L	1		SW-846 8100 Modified	8/27/14	8/28/14 15:12	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
o-Terphenyl	70.6	40-140					8/28/14 15:12

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: CW-2 | Sampled: 8/22/2014 09:00

Sample ID: 14H1103-16

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	9/1/14	9/4/14 12:26	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Chloromethane	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: CW-2 | Sampled: 8/22/2014 09:00

Sample ID: 14H1103-16

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:26	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	89.8	70-130		9/4/14 12:26
Toluene-d8	95.0	70-130		9/4/14 12:26
4-Bromofluorobenzene	92.7	70-130		9/4/14 12:26

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-116S | Sampled: 8/22/2014 10:30

Sample ID: 14H1103-17

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	9/1/14	9/4/14 12:53	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Chloromethane	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-116S | Sampled: 8/22/2014 10:30

Sample ID: 14H1103-17

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 12:53	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	91.8	70-130		9/4/14 12:53
Toluene-d8	95.6	70-130		9/4/14 12:53
4-Bromofluorobenzene	92.6	70-130		9/4/14 12:53

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: CW-1 | Sampled: 8/22/2014 09:30

Sample ID: 14H1103-18

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	2500	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Acrylonitrile	ND	250	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
tert-Amyl Methyl Ether (TAME)	ND	25	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Benzene	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Bromobenzene	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Bromochloromethane	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Bromodichloromethane	ND	25	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Bromoform	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Bromomethane	ND	100	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
2-Butanone (MEK)	ND	1000	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
tert-Butyl Alcohol (TBA)	ND	1000	µg/L	50	V-05, V-16	SW-846 8260C	8/29/14	8/30/14 6:58	EEH
n-Butylbenzene	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
sec-Butylbenzene	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
tert-Butylbenzene	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	25	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Carbon Disulfide	ND	200	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Carbon Tetrachloride	ND	250	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Chlorobenzene	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Chlorodibromomethane	ND	25	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Chloroethane	ND	100	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Chloroform	ND	100	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Chloromethane	ND	250	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
2-Chlorotoluene	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
4-Chlorotoluene	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	250	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
1,2-Dibromoethane (EDB)	ND	25	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Dibromomethane	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
1,2-Dichlorobenzene	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
1,3-Dichlorobenzene	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
1,4-Dichlorobenzene	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
trans-1,4-Dichloro-2-butene	ND	100	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Dichlorodifluoromethane (Freon 12)	ND	100	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
1,1-Dichloroethane	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
1,2-Dichloroethane	ND	250	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
1,1-Dichloroethylene	53	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
cis-1,2-Dichloroethylene	170	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
trans-1,2-Dichloroethylene	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
1,2-Dichloropropane	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
1,3-Dichloropropane	ND	25	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
2,2-Dichloropropane	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
1,1-Dichloropropene	ND	100	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
cis-1,3-Dichloropropene	ND	25	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
trans-1,3-Dichloropropene	ND	25	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Diethyl Ether	ND	100	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: CW-1 | Sampled: 8/22/2014 09:30

Sample ID: 14H1103-18

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	25	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
1,4-Dioxane	ND	2500	µg/L	50	V-05, V-16	SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Ethylbenzene	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Hexachlorobutadiene	ND	25	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
2-Hexanone (MBK)	ND	500	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Isopropylbenzene (Cumene)	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
p-Isopropyltoluene (p-Cymene)	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Methyl tert-Butyl Ether (MTBE)	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Methylene Chloride	ND	250	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
4-Methyl-2-pentanone (MIBK)	ND	500	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Naphthalene	ND	100	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
n-Propylbenzene	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Styrene	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
1,1,1,2-Tetrachloroethane	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
1,1,2,2-Tetrachloroethane	ND	25	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Tetrachloroethylene	92	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Tetrahydrofuran	ND	500	µg/L	50	V-16	SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Toluene	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
1,2,3-Trichlorobenzene	ND	250	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
1,2,4-Trichlorobenzene	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
1,3,5-Trichlorobenzene	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
1,1,1-Trichloroethane	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
1,1,2-Trichloroethane	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Trichloroethylene	3700	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Trichlorofluoromethane (Freon 11)	ND	100	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
1,2,3-Trichloropropane	ND	100	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
1,2,4-Trimethylbenzene	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
1,3,5-Trimethylbenzene	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
Vinyl Chloride	ND	100	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
m+p Xylene	ND	100	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH
o-Xylene	ND	50	µg/L	50		SW-846 8260C	8/29/14	8/30/14 6:58	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	91.5	70-130		8/30/14 6:58
Toluene-d8	94.4	70-130		8/30/14 6:58
4-Bromofluorobenzene	91.6	70-130		8/30/14 6:58

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-116D | Sampled: 8/22/2014 11:00

Sample ID: 14H1103-19

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	9/1/14	9/4/14 13:20	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Chloromethane	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-116D | Sampled: 8/22/2014 11:00

Sample ID: 14H1103-19

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:20	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	89.4	70-130		9/4/14 13:20
Toluene-d8	95.6	70-130		9/4/14 13:20
4-Bromofluorobenzene	93.0	70-130		9/4/14 13:20

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-217S | Sampled: 8/22/2014 12:00

Sample ID: 14H1103-20

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	8/29/14	8/30/14 3:51	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Chloromethane	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
cis-1,2-Dichloroethylene	16	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-217S | Sampled: 8/22/2014 12:00

Sample ID: 14H1103-20

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Ethylbenzene	1.3	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Naphthalene	4.5	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Tetrachloroethylene	2.2	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
Vinyl Chloride	6.1	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/29/14	8/30/14 3:51	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	88.4	70-130		8/30/14 3:51
Toluene-d8	94.6	70-130		8/30/14 3:51
4-Bromofluorobenzene	91.9	70-130		8/30/14 3:51

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-217D | Sampled: 8/22/2014 12:30

Sample ID: 14H1103-21

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	9/1/14	9/4/14 13:46	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Chloromethane	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
cis-1,2-Dichloroethylene	14	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-217D | Sampled: 8/22/2014 12:30

Sample ID: 14H1103-21

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Trichloroethylene	4.8	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	9/1/14	9/4/14 13:46	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	92.0	70-130			9/4/14 13:46
Toluene-d8	96.2	70-130			9/4/14 13:46
4-Bromofluorobenzene	93.4	70-130			9/4/14 13:46

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-216S | Sampled: 8/22/2014 13:00

Sample ID: 14H1103-22

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	100	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Acrylonitrile	ND	10	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
tert-Amyl Methyl Ether (TAME)	ND	1.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Benzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Bromobenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Bromochloromethane	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Bromodichloromethane	ND	1.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Bromoform	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Bromomethane	ND	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
2-Butanone (MEK)	ND	40	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
tert-Butyl Alcohol (TBA)	ND	40	µg/L	2	V-16	SW-846 8260C	9/3/14	9/4/14 15:32	EEH
n-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
sec-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
tert-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	1.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Carbon Disulfide	ND	8.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Carbon Tetrachloride	ND	10	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Chlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Chlorodibromomethane	ND	1.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Chloroethane	ND	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Chloroform	ND	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Chloromethane	ND	10	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
2-Chlorotoluene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
4-Chlorotoluene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Dibromomethane	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
1,2-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
1,3-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
1,4-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
trans-1,4-Dichloro-2-butene	ND	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Dichlorodifluoromethane (Freon 12)	ND	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
1,1-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
1,2-Dichloroethane	ND	10	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
1,1-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
cis-1,2-Dichloroethylene	76	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
trans-1,2-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
1,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
1,3-Dichloropropane	ND	1.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
2,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
1,1-Dichloropropene	ND	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
cis-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
trans-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Diethyl Ether	ND	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-216S | Sampled: 8/22/2014 13:00

Sample ID: 14H1103-22

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	1.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
1,4-Dioxane	ND	100	µg/L	2	V-05, V-16	SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Ethylbenzene	3.1	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Hexachlorobutadiene	ND	1.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
2-Hexanone (MBK)	ND	20	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Isopropylbenzene (Cumene)	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
p-Isopropyltoluene (p-Cymene)	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Methylene Chloride	ND	10	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
4-Methyl-2-pentanone (MIBK)	ND	20	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Naphthalene	27	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
n-Propylbenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Styrene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Tetrachloroethylene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Tetrahydrofuran	ND	20	µg/L	2	V-16	SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Toluene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
1,2,3-Trichlorobenzene	ND	10	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
1,2,4-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
1,3,5-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
1,1,1-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
1,1,2-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Trichloroethylene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Trichlorofluoromethane (Freon 11)	ND	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
1,2,3-Trichloropropane	ND	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
1,2,4-Trimethylbenzene	13	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
1,3,5-Trimethylbenzene	8.4	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
Vinyl Chloride	ND	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
m+p Xylene	6.2	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH
o-Xylene	9.8	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:32	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	90.2	70-130		9/4/14 15:32
Toluene-d8	95.5	70-130		9/4/14 15:32
4-Bromofluorobenzene	93.6	70-130		9/4/14 15:32

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-216D | Sampled: 8/22/2014 13:30

Sample ID: 14H1103-23

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	9/3/14	9/4/14 14:13	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Chloromethane	ND	5.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-216D | Sampled: 8/22/2014 13:30

Sample ID: 14H1103-23

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Trichloroethylene	1.1	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:13	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	90.6	70-130		9/4/14 14:13
Toluene-d8	96.2	70-130		9/4/14 14:13
4-Bromofluorobenzene	94.2	70-130		9/4/14 14:13

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: TRIP BLANK | Sampled: 8/22/2014 00:00

Sample ID: 14H1103-24

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	9/3/14	9/4/14 7:08	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Chloromethane	ND	5.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: TRIP BLANK | Sampled: 8/22/2014 00:00

Sample ID: 14H1103-24

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 7:08	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	89.8	70-130		9/4/14	7:08
Toluene-d8	96.2	70-130		9/4/14	7:08
4-Bromofluorobenzene	93.7	70-130		9/4/14	7:08

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-218S | Sampled: 8/22/2014 12:30

Sample ID: 14H1103-25

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	9/3/14	9/4/14 14:39	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Chloromethane	ND	5.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-218S | Sampled: 8/22/2014 12:30

Sample ID: 14H1103-25

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
1,4-Dioxane	ND	50	µg/L	1	V-16, V-05	SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Tetrachloroethylene	9.4	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	9/3/14	9/4/14 14:39	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	93.5	70-130		9/4/14 14:39
Toluene-d8	93.6	70-130		9/4/14 14:39
4-Bromofluorobenzene	92.3	70-130		9/4/14 14:39

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-218D | Sampled: 8/22/2014 13:00

Sample ID: 14H1103-26

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	100	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Acrylonitrile	ND	10	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
tert-Amyl Methyl Ether (TAME)	ND	1.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Benzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Bromobenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Bromochloromethane	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Bromodichloromethane	ND	1.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Bromoform	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Bromomethane	ND	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
2-Butanone (MEK)	ND	40	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
tert-Butyl Alcohol (TBA)	ND	40	µg/L	2	V-16	SW-846 8260C	9/3/14	9/4/14 15:59	EEH
n-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
sec-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
tert-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	1.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Carbon Disulfide	ND	8.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Carbon Tetrachloride	ND	10	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Chlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Chlorodibromomethane	ND	1.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Chloroethane	ND	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Chloroform	8.0	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Chloromethane	ND	10	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
2-Chlorotoluene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
4-Chlorotoluene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Dibromomethane	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
1,2-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
1,3-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
1,4-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
trans-1,4-Dichloro-2-butene	ND	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Dichlorodifluoromethane (Freon 12)	ND	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
1,1-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
1,2-Dichloroethane	ND	10	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
1,1-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
cis-1,2-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
trans-1,2-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
1,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
1,3-Dichloropropane	ND	1.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
2,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
1,1-Dichloropropene	ND	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
cis-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
trans-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Diethyl Ether	ND	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14H1103

Date Received: 8/25/2014

Field Sample #: MW-218D | Sampled: 8/22/2014 13:00

Sample ID: 14H1103-26

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	1.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
1,4-Dioxane	ND	100	µg/L	2	V-05, V-16	SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Ethylbenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Hexachlorobutadiene	ND	1.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
2-Hexanone (MBK)	ND	20	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Isopropylbenzene (Cumene)	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
p-Isopropyltoluene (p-Cymene)	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Methylene Chloride	ND	10	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
4-Methyl-2-pentanone (MIBK)	ND	20	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Naphthalene	ND	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
n-Propylbenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Styrene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Tetrachloroethylene	110	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Tetrahydrofuran	ND	20	µg/L	2	V-16	SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Toluene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
1,2,3-Trichlorobenzene	ND	10	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
1,2,4-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
1,3,5-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
1,1,1-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
1,1,2-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Trichloroethylene	8.2	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Trichlorofluoromethane (Freon 11)	ND	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
1,2,3-Trichloropropane	ND	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
1,2,4-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
1,3,5-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
Vinyl Chloride	ND	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
m+p Xylene	ND	4.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH
o-Xylene	ND	2.0	µg/L	2		SW-846 8260C	9/3/14	9/4/14 15:59	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	92.2	70-130		9/4/14 15:59
Toluene-d8	96.2	70-130		9/4/14 15:59
4-Bromofluorobenzene	94.8	70-130		9/4/14 15:59

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Sample Extraction Data

Prep Method: SW-846 3005A Dissolved-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
14H1103-11 [GZA-3]	B103730	50.0	50.0	08/27/14
14H1103-12 [MW-109D]	B103730	50.0	50.0	08/27/14
14H1103-13 [GZA-3 DUP]	B103730	50.0	50.0	08/27/14

Prep Method: SW-846 3510C-SW-846 8100 Modified

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
14H1103-14 [CW-6]	B103698	1000	1.00	08/27/14
14H1103-15 [CW-6 DUP]	B103698	1000	1.00	08/27/14

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
14H1103-01 [MW-207S]	B103867	5	5.00	08/29/14
14H1103-02 [MW-207D]	B103867	5	5.00	08/29/14
14H1103-04 [MW-202D]	B103867	5	5.00	08/29/14
14H1103-05 [MW-101S]	B103867	5	5.00	08/29/14
14H1103-06 [MW-101S DUP]	B103867	5	5.00	08/29/14
14H1103-08 [MW-209D]	B103867	0.5	5.00	08/29/14
14H1103-09 [MW-112]	B103867	0.05	5.00	08/29/14
14H1103-10 [MW-201D]	B103867	0.025	5.00	08/29/14
14H1103-11 [GZA-3]	B103867	2.5	5.00	08/29/14
14H1103-18 [CW-1]	B103867	0.1	5.00	08/29/14
14H1103-20 [MW-217S]	B103867	5	5.00	08/29/14

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
14H1103-04RE1 [MW-202D]	B103943	0.25	5.00	08/29/14
14H1103-05RE1 [MW-101S]	B103943	0.005	5.00	08/29/14
14H1103-06RE1 [MW-101S DUP]	B103943	0.005	5.00	08/29/14
14H1103-07 [MW-101D]	B103943	5	5.00	09/01/14
14H1103-12 [MW-109D]	B103943	5	5.00	09/01/14
14H1103-16 [CW-2]	B103943	5	5.00	09/01/14
14H1103-17 [MW-116S]	B103943	5	5.00	09/01/14
14H1103-19 [MW-116D]	B103943	5	5.00	09/01/14
14H1103-21 [MW-217D]	B103943	5	5.00	09/01/14
14H1103-22 [MW-216S]	B103943	2.5	5.00	09/03/14
14H1103-23 [MW-216D]	B103943	5	5.00	09/03/14
14H1103-24 [TRIP BLANK]	B103943	5	5.00	09/03/14
14H1103-25 [MW-218S]	B103943	5	5.00	09/03/14
14H1103-26 [MW-218D]	B103943	2.5	5.00	09/03/14

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B103867 - SW-846 5030B										
Blank (B103867-BLK1)				Prepared & Analyzed: 08/29/14						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-05, V-16
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	4.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	5.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	5.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-05, V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B103867 - SW-846 5030B												
Blank (B103867-BLK1)				Prepared & Analyzed: 08/29/14								
Methylene Chloride	ND	5.0	µg/L									
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L									
Naphthalene	ND	2.0	µg/L									
n-Propylbenzene	ND	1.0	µg/L									
Styrene	ND	1.0	µg/L									
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L									
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L									
Tetrachloroethylene	ND	1.0	µg/L									
Tetrahydrofuran	ND	10	µg/L								V-16	
Toluene	ND	1.0	µg/L									
1,2,3-Trichlorobenzene	ND	5.0	µg/L									
1,2,4-Trichlorobenzene	ND	1.0	µg/L									
1,3,5-Trichlorobenzene	ND	1.0	µg/L									
1,1,1-Trichloroethane	ND	1.0	µg/L									
1,1,2-Trichloroethane	ND	1.0	µg/L									
Trichloroethylene	ND	1.0	µg/L									
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L									
1,2,3-Trichloropropane	ND	2.0	µg/L									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L									
1,2,4-Trimethylbenzene	ND	1.0	µg/L									
1,3,5-Trimethylbenzene	ND	1.0	µg/L									
Vinyl Chloride	ND	2.0	µg/L									
m+p Xylene	ND	2.0	µg/L									
o-Xylene	ND	1.0	µg/L									
Surrogate: 1,2-Dichloroethane-d4	*22.8*		µg/L	25.0		91.3		70-130				
Surrogate: Toluene-d8	*23.9*		µg/L	25.0		95.8		70-130				
Surrogate: 4-Bromofluorobenzene	*23.0*		µg/L	25.0		91.8		70-130				
LCS (B103867-BS1)				Prepared & Analyzed: 08/29/14								
Acetone	208	50	µg/L	100		**208**	*	70-160			L-02	†
Acrylonitrile	8.22	5.0	µg/L	10.0		82.2		70-130				
tert-Amyl Methyl Ether (TAME)	9.87	0.50	µg/L	10.0		98.7		70-130				
Benzene	10.8	1.0	µg/L	10.0		108		70-130				
Bromobenzene	10.6	1.0	µg/L	10.0		106		70-130				
Bromochloromethane	11.3	1.0	µg/L	10.0		113		70-130				
Bromodichloromethane	10.8	0.50	µg/L	10.0		108		70-130				
Bromoform	14.6	1.0	µg/L	10.0		**146**	*	70-130			L-02, V-20	
Bromomethane	6.30	2.0	µg/L	10.0		63.0		40-160				†
2-Butanone (MEK)	140	20	µg/L	100		140		40-160				†
tert-Butyl Alcohol (TBA)	74.6	20	µg/L	100		74.6		40-160			V-05, V-16	†
n-Butylbenzene	11.5	1.0	µg/L	10.0		115		70-130			V-20	
sec-Butylbenzene	11.1	1.0	µg/L	10.0		111		70-130				
tert-Butylbenzene	11.1	1.0	µg/L	10.0		111		70-130				
tert-Butyl Ethyl Ether (TBEE)	10.6	0.50	µg/L	10.0		106		70-130				
Carbon Disulfide	11.3	4.0	µg/L	10.0		113		70-130				
Carbon Tetrachloride	11.7	5.0	µg/L	10.0		117		70-130				
Chlorobenzene	10.8	1.0	µg/L	10.0		108		70-130				
Chlorodibromomethane	10.9	0.50	µg/L	10.0		109		70-130				
Chloroethane	9.80	2.0	µg/L	10.0		98.0		70-130				
Chloroform	10.5	2.0	µg/L	10.0		105		70-130				
Chloromethane	7.99	5.0	µg/L	10.0		79.9		40-160				†
2-Chlorotoluene	9.33	1.0	µg/L	10.0		93.3		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B103867 - SW-846 5030B											
LCS (B103867-BS1)				Prepared & Analyzed: 08/29/14							
4-Chlorotoluene	10.7	1.0	µg/L	10.0		107	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	10.3	5.0	µg/L	10.0		103	70-130				
1,2-Dibromoethane (EDB)	10.8	0.50	µg/L	10.0		108	70-130				
Dibromomethane	11.0	1.0	µg/L	10.0		110	70-130				
1,2-Dichlorobenzene	10.4	1.0	µg/L	10.0		104	70-130				
1,3-Dichlorobenzene	10.5	1.0	µg/L	10.0		105	70-130				
1,4-Dichlorobenzene	11.0	1.0	µg/L	10.0		110	70-130				
trans-1,4-Dichloro-2-butene	11.1	2.0	µg/L	10.0		111	70-130				
Dichlorodifluoromethane (Freon 12)	7.90	2.0	µg/L	10.0		79.0	40-160			V-20	†
1,1-Dichloroethane	11.0	1.0	µg/L	10.0		110	70-130				
1,2-Dichloroethane	10.1	5.0	µg/L	10.0		101	70-130				
1,1-Dichloroethylene	9.21	1.0	µg/L	10.0		92.1	70-130				
cis-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0		102	70-130				
trans-1,2-Dichloroethylene	10.7	1.0	µg/L	10.0		107	70-130				
1,2-Dichloropropane	10.5	1.0	µg/L	10.0		105	70-130				
1,3-Dichloropropane	10.8	0.50	µg/L	10.0		108	70-130				
2,2-Dichloropropane	9.62	1.0	µg/L	10.0		96.2	40-130				†
1,1-Dichloropropene	11.2	2.0	µg/L	10.0		112	70-130				
cis-1,3-Dichloropropene	10.0	0.50	µg/L	10.0		100	70-130				
trans-1,3-Dichloropropene	11.0	0.50	µg/L	10.0		110	70-130				
Diethyl Ether	9.86	2.0	µg/L	10.0		98.6	70-130				
Diisopropyl Ether (DIPE)	9.40	0.50	µg/L	10.0		94.0	70-130				
1,4-Dioxane	79.1	50	µg/L	100		79.1	40-130			V-16, V-05	†
Ethylbenzene	11.3	1.0	µg/L	10.0		113	70-130				
Hexachlorobutadiene	11.4	0.50	µg/L	10.0		114	70-130				
2-Hexanone (MBK)	143	10	µg/L	100		143	70-160				†
Isopropylbenzene (Cumene)	10.7	1.0	µg/L	10.0		107	70-130				
p-Isopropyltoluene (p-Cymene)	11.3	1.0	µg/L	10.0		113	70-130				
Methyl tert-Butyl Ether (MTBE)	10.2	1.0	µg/L	10.0		102	70-130				
Methylene Chloride	8.46	5.0	µg/L	10.0		84.6	70-130				
4-Methyl-2-pentanone (MIBK)	93.7	10	µg/L	100		93.7	70-160				†
Naphthalene	11.2	2.0	µg/L	10.0		112	40-130				†
n-Propylbenzene	11.2	1.0	µg/L	10.0		112	70-130				
Styrene	11.1	1.0	µg/L	10.0		111	70-130				
1,1,1,2-Tetrachloroethane	11.6	1.0	µg/L	10.0		116	70-130				
1,1,2,2-Tetrachloroethane	10.7	0.50	µg/L	10.0		107	70-130				
Tetrachloroethylene	11.6	1.0	µg/L	10.0		116	70-130				
Tetrahydrofuran	10.1	10	µg/L	10.0		101	70-130			V-16	
Toluene	10.5	1.0	µg/L	10.0		105	70-130				
1,2,3-Trichlorobenzene	11.1	5.0	µg/L	10.0		111	70-130				
1,2,4-Trichlorobenzene	11.4	1.0	µg/L	10.0		114	70-130				
1,3,5-Trichlorobenzene	11.5	1.0	µg/L	10.0		115	70-130				
1,1,1-Trichloroethane	10.9	1.0	µg/L	10.0		109	70-130				
1,1,2-Trichloroethane	10.8	1.0	µg/L	10.0		108	70-130				
Trichloroethylene	11.6	1.0	µg/L	10.0		116	70-130				
Trichlorofluoromethane (Freon 11)	9.84	2.0	µg/L	10.0		98.4	70-130				
1,2,3-Trichloropropane	11.1	2.0	µg/L	10.0		111	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8	1.0	µg/L	10.0		108	70-130				
1,2,4-Trimethylbenzene	11.4	1.0	µg/L	10.0		114	70-130				
1,3,5-Trimethylbenzene	10.7	1.0	µg/L	10.0		107	70-130				
Vinyl Chloride	6.54	2.0	µg/L	10.0		65.4	40-160				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B103867 - SW-846 5030B												
LCS (B103867-BS1)				Prepared & Analyzed: 08/29/14								
m+p Xylene	21.5	2.0	µg/L	20.0		108		70-130				
o-Xylene	10.7	1.0	µg/L	10.0		107		70-130				
Surrogate: 1,2-Dichloroethane-d4	*23.0*		µg/L	25.0		91.9		70-130				
Surrogate: Toluene-d8	*23.4*		µg/L	25.0		93.6		70-130				
Surrogate: 4-Bromofluorobenzene	*23.4*		µg/L	25.0		93.7		70-130				
LCS Dup (B103867-BSD1)				Prepared & Analyzed: 08/29/14								
Acetone	216	50	µg/L	100		**216**	*	70-160	3.95	25	L-02	†
Acrylonitrile	8.54	5.0	µg/L	10.0		85.4		70-130	3.82	25		
tert-Amyl Methyl Ether (TAME)	10.3	0.50	µg/L	10.0		103		70-130	4.36	25		
Benzene	11.2	1.0	µg/L	10.0		112		70-130	2.73	25		
Bromobenzene	10.9	1.0	µg/L	10.0		109		70-130	2.89	25		
Bromochloromethane	11.7	1.0	µg/L	10.0		117		70-130	3.55	25		
Bromodichloromethane	11.2	0.50	µg/L	10.0		112		70-130	3.99	25		
Bromoform	14.5	1.0	µg/L	10.0		**145**	*	70-130	0.275	25	L-02, V-20	
Bromomethane	6.12	2.0	µg/L	10.0		61.2		40-160	2.90	25		†
2-Butanone (MEK)	149	20	µg/L	100		149		40-160	6.42	25		†
tert-Butyl Alcohol (TBA)	82.7	20	µg/L	100		82.7		40-160	10.4	25	V-05, V-16	†
n-Butylbenzene	11.6	1.0	µg/L	10.0		116		70-130	1.21	25	V-20	
sec-Butylbenzene	11.1	1.0	µg/L	10.0		111		70-130	0.451	25		
tert-Butylbenzene	11.4	1.0	µg/L	10.0		114		70-130	2.40	25		
tert-Butyl Ethyl Ether (TBEE)	10.8	0.50	µg/L	10.0		108		70-130	1.77	25		
Carbon Disulfide	11.5	4.0	µg/L	10.0		115		70-130	1.66	25		
Carbon Tetrachloride	11.6	5.0	µg/L	10.0		116		70-130	0.514	25		
Chlorobenzene	10.9	1.0	µg/L	10.0		109		70-130	1.47	25		
Chlorodibromomethane	11.1	0.50	µg/L	10.0		111		70-130	1.27	25		
Chloroethane	9.80	2.0	µg/L	10.0		98.0		70-130	0.00	25		
Chloroform	10.2	2.0	µg/L	10.0		102		70-130	2.69	25		
Chloromethane	7.51	5.0	µg/L	10.0		75.1		40-160	6.19	25		†
2-Chlorotoluene	9.60	1.0	µg/L	10.0		96.0		70-130	2.85	25		
4-Chlorotoluene	10.5	1.0	µg/L	10.0		105		70-130	2.36	25		
1,2-Dibromo-3-chloropropane (DBCP)	10.2	5.0	µg/L	10.0		102		70-130	1.47	25		
1,2-Dibromoethane (EDB)	11.2	0.50	µg/L	10.0		112		70-130	4.00	25		
Dibromomethane	11.4	1.0	µg/L	10.0		114		70-130	3.31	25		
1,2-Dichlorobenzene	10.7	1.0	µg/L	10.0		107		70-130	2.27	25		
1,3-Dichlorobenzene	10.6	1.0	µg/L	10.0		106		70-130	0.473	25		
1,4-Dichlorobenzene	10.9	1.0	µg/L	10.0		109		70-130	0.914	25		
trans-1,4-Dichloro-2-butene	11.3	2.0	µg/L	10.0		113		70-130	1.70	25		
Dichlorodifluoromethane (Freon 12)	7.09	2.0	µg/L	10.0		70.9		40-160	10.8	25	V-20	†
1,1-Dichloroethane	11.2	1.0	µg/L	10.0		112		70-130	1.90	25		
1,2-Dichloroethane	10.4	5.0	µg/L	10.0		104		70-130	2.83	25		
1,1-Dichloroethylene	9.14	1.0	µg/L	10.0		91.4		70-130	0.763	25		
cis-1,2-Dichloroethylene	10.3	1.0	µg/L	10.0		103		70-130	1.47	25		
trans-1,2-Dichloroethylene	10.8	1.0	µg/L	10.0		108		70-130	0.557	25		
1,2-Dichloropropane	10.9	1.0	µg/L	10.0		109		70-130	3.83	25		
1,3-Dichloropropane	11.1	0.50	µg/L	10.0		111		70-130	2.74	25		
2,2-Dichloropropane	9.85	1.0	µg/L	10.0		98.5		40-130	2.36	25		†
1,1-Dichloropropene	11.2	2.0	µg/L	10.0		112		70-130	0.715	25		
cis-1,3-Dichloropropene	10.6	0.50	µg/L	10.0		106		70-130	5.43	25		
trans-1,3-Dichloropropene	11.5	0.50	µg/L	10.0		115		70-130	4.26	25		
Diethyl Ether	9.96	2.0	µg/L	10.0		99.6		70-130	1.01	25		
Diisopropyl Ether (DIPE)	10.0	0.50	µg/L	10.0		100		70-130	6.68	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B103867 - SW-846 5030B											
LCS Dup (B103867-BSD1)				Prepared & Analyzed: 08/29/14							
1,4-Dioxane	75.8	50	µg/L	100		75.8	40-130	4.17	50	V-05, V-16	† ‡
Ethylbenzene	11.4	1.0	µg/L	10.0		114	70-130	0.970	25		
Hexachlorobutadiene	11.8	0.50	µg/L	10.0		118	70-130	3.45	25		
2-Hexanone (MBK)	154	10	µg/L	100		154	70-160	7.48	25		†
Isopropylbenzene (Cumene)	10.7	1.0	µg/L	10.0		107	70-130	0.468	25		
p-Isopropyltoluene (p-Cymene)	11.8	1.0	µg/L	10.0		118	70-130	4.07	25		
Methyl tert-Butyl Ether (MTBE)	10.8	1.0	µg/L	10.0		108	70-130	5.53	25		
Methylene Chloride	8.53	5.0	µg/L	10.0		85.3	70-130	0.824	25		
4-Methyl-2-pentanone (MIBK)	99.0	10	µg/L	100		99.0	70-160	5.43	25		†
Naphthalene	11.5	2.0	µg/L	10.0		115	40-130	2.38	25		†
n-Propylbenzene	10.9	1.0	µg/L	10.0		109	70-130	2.99	25		
Styrene	11.2	1.0	µg/L	10.0		112	70-130	1.25	25		
1,1,1,2-Tetrachloroethane	11.8	1.0	µg/L	10.0		118	70-130	1.54	25		
1,1,2,2-Tetrachloroethane	11.0	0.50	µg/L	10.0		110	70-130	2.67	25		
Tetrachloroethylene	11.7	1.0	µg/L	10.0		117	70-130	1.12	25		
Tetrahydrofuran	10.3	10	µg/L	10.0		103	70-130	2.06	25	V-16	
Toluene	10.9	1.0	µg/L	10.0		109	70-130	3.28	25		
1,2,3-Trichlorobenzene	11.6	5.0	µg/L	10.0		116	70-130	3.79	25		
1,2,4-Trichlorobenzene	11.8	1.0	µg/L	10.0		118	70-130	3.70	25		
1,3,5-Trichlorobenzene	11.8	1.0	µg/L	10.0		118	70-130	2.58	25		
1,1,1-Trichloroethane	11.0	1.0	µg/L	10.0		110	70-130	1.37	25		
1,1,2-Trichloroethane	11.2	1.0	µg/L	10.0		112	70-130	3.36	25		
Trichloroethylene	11.4	1.0	µg/L	10.0		114	70-130	2.26	25		
Trichlorofluoromethane (Freon 11)	9.43	2.0	µg/L	10.0		94.3	70-130	4.26	25		
1,2,3-Trichloropropane	11.0	2.0	µg/L	10.0		110	70-130	0.542	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2	1.0	µg/L	10.0		102	70-130	5.63	25		
1,2,4-Trimethylbenzene	11.3	1.0	µg/L	10.0		113	70-130	0.441	25		
1,3,5-Trimethylbenzene	10.9	1.0	µg/L	10.0		109	70-130	1.57	25		
Vinyl Chloride	6.68	2.0	µg/L	10.0		66.8	40-160	2.12	25		†
m+p Xylene	21.7	2.0	µg/L	20.0		109	70-130	0.925	25		
o-Xylene	10.7	1.0	µg/L	10.0		107	70-130	0.280	25		
Surrogate: 1,2-Dichloroethane-d4	*23.2*		µg/L	25.0		92.6	70-130				
Surrogate: Toluene-d8	*23.9*		µg/L	25.0		95.5	70-130				
Surrogate: 4-Bromofluorobenzene	*22.9*		µg/L	25.0		91.8	70-130				
Batch B103943 - SW-846 5030B											
Blank (B103943-BLK1)				Prepared: 09/01/14 Analyzed: 09/04/14							
Acetone	ND	50	µg/L								
Acrylonitrile	ND	5.0	µg/L								
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L								
Benzene	ND	1.0	µg/L								
Bromobenzene	ND	1.0	µg/L								
Bromochloromethane	ND	1.0	µg/L								
Bromodichloromethane	ND	0.50	µg/L								
Bromoform	ND	1.0	µg/L								
Bromomethane	ND	2.0	µg/L								
2-Butanone (MEK)	ND	20	µg/L								
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-16	
n-Butylbenzene	ND	1.0	µg/L								
sec-Butylbenzene	ND	1.0	µg/L								
tert-Butylbenzene	ND	1.0	µg/L								

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Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B103943 - SW-846 5030B										
Blank (B103943-BLK1)				Prepared: 09/01/14 Analyzed: 09/04/14						
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	4.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	5.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	5.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-05, V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							V-16
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,3,5-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B103943 - SW-846 5030B											
Blank (B103943-BLK1)				Prepared: 09/01/14 Analyzed: 09/04/14							
1,1,2-Trichloroethane	ND	1.0	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*22.1*		µg/L	25.0		88.4	70-130				
Surrogate: Toluene-d8	*24.2*		µg/L	25.0		97.0	70-130				
Surrogate: 4-Bromofluorobenzene	*22.9*		µg/L	25.0		91.6	70-130				
LCS (B103943-BS1)				Prepared: 09/01/14 Analyzed: 09/04/14							
Acetone	191	50	µg/L	100		**191**	* 70-160			L-02	†
Acrylonitrile	8.72	5.0	µg/L	10.0		87.2	70-130				
tert-Amyl Methyl Ether (TAME)	10.3	0.50	µg/L	10.0		103	70-130				
Benzene	12.2	1.0	µg/L	10.0		122	70-130				
Bromobenzene	10.8	1.0	µg/L	10.0		108	70-130				
Bromochloromethane	12.0	1.0	µg/L	10.0		120	70-130				
Bromodichloromethane	11.6	0.50	µg/L	10.0		116	70-130				
Bromoform	14.8	1.0	µg/L	10.0		**148**	* 70-130			L-02, V-20	
Bromomethane	6.07	2.0	µg/L	10.0		60.7	40-160				†
2-Butanone (MEK)	140	20	µg/L	100		140	40-160				†
tert-Butyl Alcohol (TBA)	80.8	20	µg/L	100		80.8	40-160			V-16	†
n-Butylbenzene	11.6	1.0	µg/L	10.0		116	70-130				
sec-Butylbenzene	11.2	1.0	µg/L	10.0		112	70-130				
tert-Butylbenzene	11.3	1.0	µg/L	10.0		113	70-130				
tert-Butyl Ethyl Ether (TBEE)	11.2	0.50	µg/L	10.0		112	70-130				
Carbon Disulfide	10.7	4.0	µg/L	10.0		107	70-130				
Carbon Tetrachloride	12.1	5.0	µg/L	10.0		121	70-130				
Chlorobenzene	11.0	1.0	µg/L	10.0		110	70-130				
Chlorodibromomethane	11.3	0.50	µg/L	10.0		113	70-130				
Chloroethane	10.8	2.0	µg/L	10.0		108	70-130				
Chloroform	10.6	2.0	µg/L	10.0		106	70-130				
Chloromethane	10.1	5.0	µg/L	10.0		101	40-160				†
2-Chlorotoluene	9.72	1.0	µg/L	10.0		97.2	70-130				
4-Chlorotoluene	10.4	1.0	µg/L	10.0		104	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	10.6	5.0	µg/L	10.0		106	70-130				
1,2-Dibromoethane (EDB)	11.5	0.50	µg/L	10.0		115	70-130				
Dibromomethane	11.8	1.0	µg/L	10.0		118	70-130				
1,2-Dichlorobenzene	10.4	1.0	µg/L	10.0		104	70-130				
1,3-Dichlorobenzene	10.6	1.0	µg/L	10.0		106	70-130				
1,4-Dichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130				
trans-1,4-Dichloro-2-butene	11.0	2.0	µg/L	10.0		110	70-130				
Dichlorodifluoromethane (Freon 12)	10.6	2.0	µg/L	10.0		106	40-160				†
1,1-Dichloroethane	11.7	1.0	µg/L	10.0		117	70-130				
1,2-Dichloroethane	11.3	5.0	µg/L	10.0		113	70-130				
1,1-Dichloroethylene	9.84	1.0	µg/L	10.0		98.4	70-130				
cis-1,2-Dichloroethylene	10.6	1.0	µg/L	10.0		106	70-130				
trans-1,2-Dichloroethylene	10.7	1.0	µg/L	10.0		107	70-130				

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QUALITY CONTROL

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B103943 - SW-846 5030B											
LCS (B103943-BS1)				Prepared: 09/01/14 Analyzed: 09/04/14							
1,2-Dichloropropane	11.5	1.0	µg/L	10.0		115	70-130				
1,3-Dichloropropane	11.4	0.50	µg/L	10.0		114	70-130				
2,2-Dichloropropane	8.52	1.0	µg/L	10.0		85.2	40-130				†
1,1-Dichloropropene	11.6	2.0	µg/L	10.0		116	70-130				
cis-1,3-Dichloropropene	10.6	0.50	µg/L	10.0		106	70-130				
trans-1,3-Dichloropropene	11.8	0.50	µg/L	10.0		118	70-130				
Diethyl Ether	10.3	2.0	µg/L	10.0		103	70-130				
Diisopropyl Ether (DIPE)	10.1	0.50	µg/L	10.0		101	70-130				
1,4-Dioxane	77.9	50	µg/L	100		77.9	40-130			V-05, V-16	†
Ethylbenzene	12.2	1.0	µg/L	10.0		122	70-130				
Hexachlorobutadiene	12.5	0.50	µg/L	10.0		125	70-130				
2-Hexanone (MBK)	147	10	µg/L	100		147	70-160				†
Isopropylbenzene (Cumene)	10.5	1.0	µg/L	10.0		105	70-130				
p-Isopropyltoluene (p-Cymene)	11.8	1.0	µg/L	10.0		118	70-130				
Methyl tert-Butyl Ether (MTBE)	11.7	1.0	µg/L	10.0		117	70-130				
Methylene Chloride	9.79	5.0	µg/L	10.0		97.9	70-130				
4-Methyl-2-pentanone (MIBK)	103	10	µg/L	100		103	70-160				†
Naphthalene	12.4	2.0	µg/L	10.0		124	40-130				†
n-Propylbenzene	10.8	1.0	µg/L	10.0		108	70-130				
Styrene	11.2	1.0	µg/L	10.0		112	70-130				
1,1,1,2-Tetrachloroethane	11.7	1.0	µg/L	10.0		117	70-130				
1,1,2,2-Tetrachloroethane	11.0	0.50	µg/L	10.0		110	70-130				
Tetrachloroethylene	12.0	1.0	µg/L	10.0		120	70-130				
Tetrahydrofuran	11.1	10	µg/L	10.0		111	70-130			V-16	
Toluene	12.0	1.0	µg/L	10.0		120	70-130				
1,2,3-Trichlorobenzene	12.0	5.0	µg/L	10.0		120	70-130				
1,2,4-Trichlorobenzene	12.1	1.0	µg/L	10.0		121	70-130				
1,3,5-Trichlorobenzene	11.7	1.0	µg/L	10.0		117	70-130				
1,1,1-Trichloroethane	11.4	1.0	µg/L	10.0		114	70-130				
1,1,2-Trichloroethane	11.4	1.0	µg/L	10.0		114	70-130				
Trichloroethylene	12.1	1.0	µg/L	10.0		121	70-130				
Trichlorofluoromethane (Freon 11)	10.2	2.0	µg/L	10.0		102	70-130				
1,2,3-Trichloropropane	11.4	2.0	µg/L	10.0		114	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9	1.0	µg/L	10.0		109	70-130				
1,2,4-Trimethylbenzene	12.2	1.0	µg/L	10.0		122	70-130				
1,3,5-Trimethylbenzene	10.8	1.0	µg/L	10.0		108	70-130				
Vinyl Chloride	7.44	2.0	µg/L	10.0		74.4	40-160				†
m+p Xylene	23.5	2.0	µg/L	20.0		118	70-130				
o-Xylene	11.7	1.0	µg/L	10.0		117	70-130				
Surrogate: 1,2-Dichloroethane-d4	*23.4*		µg/L	25.0		93.6	70-130				
Surrogate: Toluene-d8	*23.9*		µg/L	25.0		95.8	70-130				
Surrogate: 4-Bromofluorobenzene	*23.0*		µg/L	25.0		91.8	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B103943 - SW-846 5030B												
LCS Dup (B103943-BSD1)				Prepared: 09/01/14 Analyzed: 09/04/14								
Acetone	173	50	µg/L	100		**173**	*	70-160	9.85	25	L-02	†
Acrylonitrile	8.66	5.0	µg/L	10.0		86.6		70-130	0.690	25		
tert-Amyl Methyl Ether (TAME)	10.1	0.50	µg/L	10.0		101		70-130	2.25	25		
Benzene	12.0	1.0	µg/L	10.0		120		70-130	1.41	25		
Bromobenzene	10.5	1.0	µg/L	10.0		105		70-130	3.38	25		
Bromochloromethane	11.9	1.0	µg/L	10.0		119		70-130	1.34	25		
Bromodichloromethane	11.1	0.50	µg/L	10.0		111		70-130	4.32	25		
Bromoform	14.1	1.0	µg/L	10.0		**141**	*	70-130	4.70	25	L-02, V-20	
Bromomethane	6.44	2.0	µg/L	10.0		64.4		40-160	5.92	25		†
2-Butanone (MEK)	127	20	µg/L	100		127		40-160	9.56	25		†
tert-Butyl Alcohol (TBA)	71.4	20	µg/L	100		71.4		40-160	12.3	25	V-16	†
n-Butylbenzene	11.1	1.0	µg/L	10.0		111		70-130	4.33	25		
sec-Butylbenzene	10.8	1.0	µg/L	10.0		108		70-130	3.74	25		
tert-Butylbenzene	10.8	1.0	µg/L	10.0		108		70-130	4.89	25		
tert-Butyl Ethyl Ether (TBEE)	10.4	0.50	µg/L	10.0		104		70-130	7.13	25		
Carbon Disulfide	10.8	4.0	µg/L	10.0		108		70-130	1.39	25		
Carbon Tetrachloride	11.9	5.0	µg/L	10.0		119		70-130	1.50	25		
Chlorobenzene	10.2	1.0	µg/L	10.0		102		70-130	7.08	25		
Chlorodibromomethane	10.8	0.50	µg/L	10.0		108		70-130	4.79	25		
Chloroethane	10.7	2.0	µg/L	10.0		107		70-130	1.39	25		
Chloroform	10.3	2.0	µg/L	10.0		103		70-130	2.77	25		
Chloromethane	10.1	5.0	µg/L	10.0		101		40-160	0.00	25		†
2-Chlorotoluene	9.35	1.0	µg/L	10.0		93.5		70-130	3.88	25		
4-Chlorotoluene	10.2	1.0	µg/L	10.0		102		70-130	1.26	25		
1,2-Dibromo-3-chloropropane (DBCP)	10.1	5.0	µg/L	10.0		101		70-130	4.83	25		
1,2-Dibromoethane (EDB)	10.7	0.50	µg/L	10.0		107		70-130	7.20	25		
Dibromomethane	11.0	1.0	µg/L	10.0		110		70-130	6.73	25		
1,2-Dichlorobenzene	10.3	1.0	µg/L	10.0		103		70-130	1.06	25		
1,3-Dichlorobenzene	10.1	1.0	µg/L	10.0		101		70-130	4.36	25		
1,4-Dichlorobenzene	10.6	1.0	µg/L	10.0		106		70-130	1.31	25		
trans-1,4-Dichloro-2-butene	10.3	2.0	µg/L	10.0		103		70-130	6.49	25		
Dichlorodifluoromethane (Freon 12)	10.6	2.0	µg/L	10.0		106		40-160	0.283	25		†
1,1-Dichloroethane	11.3	1.0	µg/L	10.0		113		70-130	3.49	25		
1,2-Dichloroethane	10.6	5.0	µg/L	10.0		106		70-130	6.04	25		
1,1-Dichloroethylene	9.35	1.0	µg/L	10.0		93.5		70-130	5.11	25		
cis-1,2-Dichloroethylene	10.3	1.0	µg/L	10.0		103		70-130	2.01	25		
trans-1,2-Dichloroethylene	11.0	1.0	µg/L	10.0		110		70-130	2.12	25		
1,2-Dichloropropane	10.7	1.0	µg/L	10.0		107		70-130	7.75	25		
1,3-Dichloropropane	10.7	0.50	µg/L	10.0		107		70-130	6.32	25		
2,2-Dichloropropane	8.40	1.0	µg/L	10.0		84.0		40-130	1.42	25		†
1,1-Dichloropropene	11.1	2.0	µg/L	10.0		111		70-130	4.84	25		
cis-1,3-Dichloropropene	9.81	0.50	µg/L	10.0		98.1		70-130	7.46	25		
trans-1,3-Dichloropropene	10.9	0.50	µg/L	10.0		109		70-130	7.31	25		
Diethyl Ether	10.0	2.0	µg/L	10.0		100		70-130	3.05	25		
Diisopropyl Ether (DIPE)	9.69	0.50	µg/L	10.0		96.9		70-130	4.14	25		
1,4-Dioxane	74.0	50	µg/L	100		74.0		40-130	5.21	50	V-05, V-16	† ‡
Ethylbenzene	11.9	1.0	µg/L	10.0		119		70-130	2.91	25		
Hexachlorobutadiene	11.5	0.50	µg/L	10.0		115		70-130	8.50	25		
2-Hexanone (MBK)	131	10	µg/L	100		131		70-160	11.9	25		†
Isopropylbenzene (Cumene)	10.4	1.0	µg/L	10.0		104		70-130	1.24	25		
p-Isopropyltoluene (p-Cymene)	11.4	1.0	µg/L	10.0		114		70-130	3.80	25		
Methyl tert-Butyl Ether (MTBE)	11.3	1.0	µg/L	10.0		113		70-130	3.56	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B103943 - SW-846 5030B											
LCS Dup (B103943-BSD1)				Prepared: 09/01/14 Analyzed: 09/04/14							
Methylene Chloride	9.62	5.0	µg/L	10.0		96.2	70-130	1.75	25		
4-Methyl-2-pentanone (MIBK)	91.1	10	µg/L	100		91.1	70-160	12.4	25		†
Naphthalene	11.2	2.0	µg/L	10.0		112	40-130	10.2	25		†
n-Propylbenzene	10.6	1.0	µg/L	10.0		106	70-130	2.06	25		
Styrene	10.5	1.0	µg/L	10.0		105	70-130	6.00	25		
1,1,1,2-Tetrachloroethane	11.4	1.0	µg/L	10.0		114	70-130	2.50	25		
1,1,2,2-Tetrachloroethane	10.3	0.50	µg/L	10.0		103	70-130	6.57	25		
Tetrachloroethylene	11.4	1.0	µg/L	10.0		114	70-130	5.73	25		
Tetrahydrofuran	10.2	10	µg/L	10.0		102	70-130	7.98	25	V-16	
Toluene	11.5	1.0	µg/L	10.0		115	70-130	4.85	25		
1,2,3-Trichlorobenzene	10.7	5.0	µg/L	10.0		107	70-130	11.8	25		
1,2,4-Trichlorobenzene	11.4	1.0	µg/L	10.0		114	70-130	6.48	25		
1,3,5-Trichlorobenzene	11.3	1.0	µg/L	10.0		113	70-130	3.74	25		
1,1,1-Trichloroethane	11.3	1.0	µg/L	10.0		113	70-130	0.880	25		
1,1,2-Trichloroethane	10.5	1.0	µg/L	10.0		105	70-130	7.85	25		
Trichloroethylene	11.3	1.0	µg/L	10.0		113	70-130	6.91	25		
Trichlorofluoromethane (Freon 11)	10.0	2.0	µg/L	10.0		100	70-130	2.27	25		
1,2,3-Trichloropropane	10.6	2.0	µg/L	10.0		106	70-130	7.28	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3	1.0	µg/L	10.0		113	70-130	3.15	25		
1,2,4-Trimethylbenzene	12.0	1.0	µg/L	10.0		120	70-130	2.40	25		
1,3,5-Trimethylbenzene	10.4	1.0	µg/L	10.0		104	70-130	3.66	25		
Vinyl Chloride	7.39	2.0	µg/L	10.0		73.9	40-160	0.674	25		†
m+p Xylene	22.7	2.0	µg/L	20.0		113	70-130	3.68	25		
o-Xylene	11.4	1.0	µg/L	10.0		114	70-130	2.43	25		
Surrogate: 1,2-Dichloroethane-d4	*23.8*		µg/L	25.0		95.0	70-130				
Surrogate: Toluene-d8	*23.6*		µg/L	25.0		94.4	70-130				
Surrogate: 4-Bromofluorobenzene	*23.5*		µg/L	25.0		94.0	70-130				

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B103698 - SW-846 3510C										
Blank (B103698-BLK1)				Prepared: 08/27/14 Analyzed: 08/28/14						
TPH (C9-C36)	ND	0.20	mg/L							
Surrogate: o-Terphenyl	*0.0939*		mg/L	0.101		93.0	40-140			
LCS (B103698-BS1)				Prepared: 08/27/14 Analyzed: 08/28/14						
TPH (C9-C36)	0.712	0.20	mg/L	1.00		71.2	40-140			
Surrogate: o-Terphenyl	*0.0839*		mg/L	0.101		83.1	40-140			
LCS Dup (B103698-BSD1)				Prepared: 08/27/14 Analyzed: 08/28/14						
TPH (C9-C36)	0.682	0.20	mg/L	1.00		68.2	40-140	4.17	30	
Surrogate: o-Terphenyl	*0.0799*		mg/L	0.101		79.1	40-140			

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QUALITY CONTROL

Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B103730 - SW-846 3005A Dissolved										
Blank (B103730-BLK1)				Prepared: 08/27/14 Analyzed: 08/28/14						
Lead	ND	0.010	mg/L							
LCS (B103730-BS1)				Prepared: 08/27/14 Analyzed: 08/28/14						
Lead	1.99	0.010	mg/L	2.00		99.6	80-120			
LCS Dup (B103730-BSD1)				Prepared: 08/27/14 Analyzed: 08/28/14						
Lead	1.99	0.010	mg/L	2.00		99.4	80-120	0.244	20	
Duplicate (B103730-DUP1)		**Source: 14H1103-11**		Prepared: 08/27/14 Analyzed: 08/28/14						
Lead	ND	0.010	mg/L		ND			NC	20	
Matrix Spike (B103730-MS1)		**Source: 14H1103-11**		Prepared: 08/27/14 Analyzed: 08/28/14						
Lead	1.92	0.010	mg/L	2.00	ND	96.0	75-125			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Water	
Lead	CT,NH,NY,NC,ME,VA,NJ
SW-846 8260C in Water	
Acetone	CT,NY,ME,NH,VA,NJ
Acrylonitrile	CT,NY,ME,NH,VA,NJ
tert-Amyl Methyl Ether (TAME)	NY,ME,NH,VA,NJ
Benzene	CT,NY,ME,NH,VA,NJ
Bromochloromethane	NY,ME,NH,VA,NJ
Bromodichloromethane	CT,NY,ME,NH,VA,NJ
Bromoform	CT,NY,ME,NH,VA,NJ
Bromomethane	CT,NY,ME,NH,VA,NJ
2-Butanone (MEK)	CT,NY,ME,NH,VA,NJ
tert-Butyl Alcohol (TBA)	NY,ME,NH,VA,NJ
n-Butylbenzene	NY,ME,VA,NJ
sec-Butylbenzene	NY,ME,VA,NJ
tert-Butylbenzene	NY,ME,VA,NJ
tert-Butyl Ethyl Ether (TBEE)	NY,ME,NH,VA,NJ
Carbon Disulfide	CT,NY,ME,NH,VA,NJ
Carbon Tetrachloride	CT,NY,ME,NH,VA,NJ
Chlorobenzene	CT,NY,ME,NH,VA,NJ
Chlorodibromomethane	CT,NY,ME,NH,VA,NJ
Chloroethane	CT,NY,ME,NH,VA,NJ
Chloroform	CT,NY,ME,NH,VA,NJ
Chloromethane	CT,NY,ME,NH,VA,NJ
2-Chlorotoluene	NY,ME,NH,VA,NJ
4-Chlorotoluene	NY,ME,NH,VA,NJ
Dibromomethane	NY,ME,NH,VA,NJ
1,2-Dichlorobenzene	CT,NY,ME,NH,VA,NJ
1,3-Dichlorobenzene	CT,NY,ME,NH,VA,NJ
1,4-Dichlorobenzene	CT,NY,ME,NH,VA,NJ
trans-1,4-Dichloro-2-butene	NY,ME,NH,VA,NJ
Dichlorodifluoromethane (Freon 12)	NY,ME,NH,VA,NJ
1,1-Dichloroethane	CT,NY,ME,NH,VA,NJ
1,2-Dichloroethane	CT,NY,ME,NH,VA,NJ
1,1-Dichloroethylene	CT,NY,ME,NH,VA,NJ
cis-1,2-Dichloroethylene	NY,ME,NJ
trans-1,2-Dichloroethylene	CT,NY,ME,NH,VA,NJ
1,2-Dichloropropane	CT,NY,ME,NH,VA,NJ
1,3-Dichloropropane	NY,ME,VA,NJ
2,2-Dichloropropane	NY,ME,NH,VA,NJ
1,1-Dichloropropene	NY,ME,NH,VA,NJ
cis-1,3-Dichloropropene	CT,NY,ME,NH,VA,NJ
trans-1,3-Dichloropropene	CT,NY,ME,NH,VA,NJ
Diisopropyl Ether (DIPE)	NY,ME,NH,VA,NJ
Ethylbenzene	CT,NY,ME,NH,VA,NJ
Hexachlorobutadiene	CT,NY,ME,NH,VA,NJ
2-Hexanone (MBK)	CT,NY,ME,NH,VA,NJ

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Isopropylbenzene (Cumene)	NY,ME,VA,NJ
p-Isopropyltoluene (p-Cymene)	CT,NY,ME,NH,VA,NJ
Methyl tert-Butyl Ether (MTBE)	CT,NY,ME,NH,VA,NJ
Methylene Chloride	CT,NY,ME,NH,VA,NJ
4-Methyl-2-pentanone (MIBK)	CT,NY,ME,NH,VA,NJ
Naphthalene	NY,ME,NH,VA,NJ
n-Propylbenzene	CT,NY,ME,NH,VA,NJ
Styrene	CT,NY,ME,NH,VA,NJ
1,1,1,2-Tetrachloroethane	CT,NY,ME,NH,VA,NJ
1,1,2,2-Tetrachloroethane	CT,NY,ME,NH,VA,NJ
Tetrachloroethylene	CT,NY,ME,NH,VA,NJ
Toluene	CT,NY,ME,NH,VA,NJ
1,2,3-Trichlorobenzene	NY,ME,NH,VA,NJ
1,2,4-Trichlorobenzene	CT,NY,ME,NH,VA,NJ
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NY,ME,NH,VA,NJ
1,1,2-Trichloroethane	CT,NY,ME,NH,VA,NJ
Trichloroethylene	CT,NY,ME,NH,VA,NJ
Trichlorofluoromethane (Freon 11)	CT,NY,ME,NH,VA,NJ
1,2,3-Trichloropropane	NY,ME,NH,VA,NJ
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,VA,NJ
1,2,4-Trimethylbenzene	NY,ME,VA,NJ
1,3,5-Trimethylbenzene	NY,ME,VA,NJ
Vinyl Chloride	CT,NY,ME,NH,VA,NJ
m+p Xylene	CT,NY,ME,NH,VA
o-Xylene	CT,NY,ME,NH,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2015
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2015
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2014

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CHAIN OF CUSTODY RECORD

14H1103
Rev 04.05.12

Company Name: CB&I Environmental, Inc.
Telephone: 617-589-4030
Address: 150 Royall Street
Canton, MA 02021
Project # 130274
Client PO# 835493
Attention: Edward VanDoren
Project Location: Textron/Providence, RI
Sampled By: DAN LEARY

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ● EMAIL ○ WEBSITE
Fax #
Email: Edward.VanDoren@CBI.com
Format: ● PDF ○ EXCEL ○ GIS
● OTHER GISKey format
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	~~Time~~ Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	*** Container Code	VOC's by EPA 8260B	TPH	Dissolved Lead
01	MW-207S		8/22/14	0745	✓	GW	U	3	H	V			
02	MW-207D			0815				3	H	V			
03	MW-202S			0845				3	H	V			
04	MW-202D			0915				3	H	V			
05	MW-101S			1000				3	H	V			
06	MW-101S DUP			1000				3	H	V			
07	MW-101D			1030				3	H	V			
08	MW-209D			1100				3	H	V			
09	MW-112			1130				3	H	V			
10	MW-201D		↓	1200	↓	↓	↓	3	H	V			

ANALYSIS REQUESTED

Dissolved Metals
● Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other _____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other _____

Comments: Lead samples are field filtered.
Please email GISKey formatted EDD & PDF of report to:
Edward.Vandoren@CBI.com and Catherine.Joe@CBI.com.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean, U - Unknown

Relinquished by: (signature)	Date/Time:
[signature]	8/22/14 1430
Received by: (signature)	Date/Time:
[signature]	8/22/14
Relinquished by: (signature)	Date/Time:
[signature]	8/25/14
Received by: (signature)	Date/Time:
[signature]	8/25/14 11:30
[signature]	8/25/14 1530

Turnaround ††
☐ 7-Day
☑ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Received with 3° 8-25-14 15:30

con-test ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

14H1103
Rev 04.05.12

Company Name: CB&I Environmental, Inc.
Telephone: 617-589-4030
Address: 150 Royall Street
Project # 130274
Canton, MA 02021
Client PO# 835493
Attention: Edward VanDoren
Project Location: Textron/Providence, RI
Sampled By: AC Paul Ledoux

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ● EMAIL ○ WEBSITE
Fax #
Email: Edward.VanDoren@CBI.com
Format: ● PDF ○ EXCEL ○ GIS
● OTHER GISKey format
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	VOCs by EPA 8260B	TPH	Dissolved Lead
								3	2	1			
								H	HI	N			
								V	A	P			
11	GZA-3	8.22.14	0700		✓	GW	U	3		1			
12	MW-109D	8.22.14	0630		✓			3		1			
13	GZA-3 DUP	8.22.14	0700		✓					1			
14	CW-6	8.22.14	0800		✓				2				
15	CW-6 DUP	8.22.14	0800		✓				2				
16	CW-2	8.22.14	0900		✓			3					
17	MW-116S	8.22.14	1030		✓			3					
18	CW-1	8.22.14	0930		✓			3					
19	MW-116D	8.22.14	1100		✓			3					
20	MW-217S	8.22.14	1200		✓			3					

ANALYSIS REQUESTED

Dissolved Metals
● Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V=vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL= sludge
O = other_____

Comments: Lead samples are field filtered.
Please email GISKey formatted EDD & PDF of report to:
Edward.VanDoren@CBI.com and Catherine.Joe@CBI.com.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	8.22.14 1630
Received by: (signature)	Date/Time:
	8/23/14
Relinquished by: (signature)	Date/Time:
	8/25/14
Received by: (signature)	Date/Time:
	8/26/14 1130

Turnaround ††
☐ 7-Day
☑ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

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Rick Lanza 8.25.14 1530

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CHAIN OF CUSTODY RECORD

14H1103

Rev 04.05.12

Company Name: GZA Environmental Inc
Address: 120 Royall St.
Canton MA 02021
Attention: Edward VonDoren
Project Location: Textron Providence RI
Sampled By: PL Paul Ledoux

Telephone: 6175894030
Project #: 130274
Client PO#: 83.5493

DATA DELIVERY (check all that apply)
○ FAX ● EMAIL ○ WEBSITE
Fax #:
Email: Edward.VonDoren@GZA.com
Format: ☒ PDF ○ EXCEL ○ GIS ☒ OTHER GISKey format
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Co	ANALYSIS REQUESTED: VOCs by EPA 8260B
21	MW-217D	8.22.14	1230		✓	GW	H	3	H	V	
22	MW-216S	8.22.14	1300		✓			3			
23	MW-216D	8.22.14	1330		✓			3			

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
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ST=sterile
V= vial
S=summa can
T=tedlar bag
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I = Iced
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	8/25/14 1330

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☐ 7-Day
☑ 10-Day
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RUSH †
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8/25/14 1330 8.25.14 1520

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CHAIN OF CUSTODY RECORD

14H1103

Rev 04.05.12

Company Name: CB+I ENVIRONMENTAL INC Telephone: 617-589-4030

Address: 150 ROYALL ST Project # 130274

CANTON, MA 02021 Client PO# 835493

Attention: ED VANDOREN

Project Location: TEXTRON / PROVIDENCE, RI

Sampled By: DON GERRY

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #
Email: EDWARD.VANDOREN@CBI.COM
Format: ● PDF ○ EXCEL ○ GIS ● OTHER GISKEY FORMAT ○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Time / Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code
24	TRIP BLANK	LOT#	BP1-080	BY LAB	✓	LW	U	3	H	V
25	MW-218S		8/22/14	1230	✓	GW	U	3	H	V
26	MW-218D		8/22/14	1300	✓	GW	U	3	H	V

ANALYSIS REQUESTED: VOCs by EPA 8260B

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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S = soil/solid
SL = sludge
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Comments: LEAD SAMPLES ARE FIELD FILTERED
PLEASE EMAIL GISKEY FORMATTED EDD + PDF OF REPORT TO: EDWARD.VANDOREN@CBI.COM AND CHRISTOPHER.JOE@CBI.COM

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H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	8/23/14 1130
Received by: (signature)	Date/Time:
	8/23/14
Relinquished by: (signature)	Date/Time:
	8/25/14
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8/25/14 1530 Rad: Cambient 2° 8.75.1/2 1520

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East Longmeadow, MA. 01028
P: 413-525-2332
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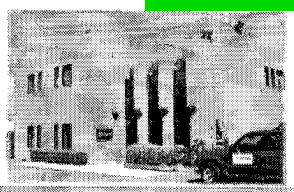
www.contestlabs.com

con-test® ANALYTICAL LABORATORY



Sample Receipt Checklist

CLIENT NAME: CB&I RECEIVED BY: [illegible] DATE: 8.25.14

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included

2) **Does the chain agree with the samples?** (Yes) No
If not, explain:

3) **Are all the samples in good condition?** (Yes) No
If not, explain:

4) **How were the samples received:**
On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank 3° Temperature °C by Temp gun _____

5) **Are there Dissolved samples for the lab to filter?** Yes (No)
Who was notified _____ Date _____ Time _____

6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)
Who was notified _____ Date _____ Time _____

7) **Location where samples are stored:** 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** (Yes) No N/A

9) **Do all samples have the proper Base pH:** Yes No (N/A)

10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	4	8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic	3	Non-ConTest Container	
40 mL Vial - type listed below	69	Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl 69 # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	T	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	T	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** CC **Date/Time:** 8.25.14 1530