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December 19, 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: September, October, and November 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 several years ago. **Figure 2** shows the most recent treatment area. Since 2013, a groundwater extraction and treatment system has operated at the site to mitigate the flow of impacted groundwater and improve overall site groundwater quality.

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 September, October, and November of 2014.

FIELD ACTIVITIES

Limited VOC Sampling Activities September and October 2014

Limited groundwater sampling was conducted in September and October 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 September 30 and October 20, 2014. Groundwater samples were delivered to Con-Test Analytical Laboratory in East Longmeadow, Massachusetts for analysis.

Groundwater Sampling Activities November 2014

The monitoring wells that comprise the current semi-annual groundwater monitoring activities program were monitored for field parameters and sampled for analysis on November 24, 2014.

Monitoring Activities

Field parameters were measured in treatment area wells and compliance wells on November 24, 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 November 24, 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. 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 also 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 also 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 September 30, October 20 and November 24, 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-112 at a concentration of 8,600 ug/L on October 20, 2014 and MW-201D at a concentration 11,000 ug/L on November 24, 2014. Note that the PCE concentrations in well MW-112 ranged from 4,600 ug/L on September 30, 2014 to 8,600 ug/L on October 20, 2014 to 780 ug/L on November 24, 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 analytical reporting limits for 1,1-dichloroethene for wells MW-112 and MW-209D were above the compound specific compliance standard; and the laboratory analytical reporting limits for vinyl chloride for wells MW-112, MW-209D, and MW-218D were above the compound specific compliance standard.)

FUTURE ACTIVITIES

The limited sampling event for December 2014 was completed on December 10, 2014. Future limited sampling will be conducted in January 2015 and a full sampling event will be conducted in February 2015.

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 December 19, 2014, certify that the information contained in this report is complete and accurate to the best of my knowledge.

Edward P. Van Doren
Project Manager

1-6-2015
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

12/21/14
Date:

TABLES

Table 1
Summary Field Parameters
September - November 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	11/24/2014	6.15	14.02	1.172	0.91	123.9
MW-101S	11/24/2014	6.20	14.25	0.147	0.47	144.6
MW-112	11/24/2014	5.97	13.48	1.635	4.25	202.6
MW-116D	11/24/2014	11.65	14.25	0.451	2.16	-22.7
MW-116S	11/24/2014	11.83	14.33	0.719	1.14	-86.4
MW-201D	11/24/2014	6.89	13.17	0.505	0.88	180.5
MW-202D	11/24/2014	6.41	14.61	0.384	0.36	33.4
MW-202S	11/24/2014	6.43	14.51	0.687	0.31	41.2
MW-207D	11/24/2014	6.06	14.81	0.080	0.89	115.3
MW-207S	11/24/2014	6.47	14.99	0.745	0.75	166.1
MW-209D	11/24/2014	6.60	13.51	0.512	2.52	132.7
MW-216D	11/24/2014	8.02	15.05	0.502	0.18	-75.9
MW-216S	11/24/2014	7.81	16.06	0.602	0.39	-91.0
MW-217D	11/24/2014	7.94	14.89	0.811	0.26	-106.1
MW-217S	11/24/2014	7.59	15.44	1.507	0.33	-75.6
MW-218D	11/24/2014	6.28	13.84	0.028	3.62	233.6
MW-218S	11/24/2014	6.65	13.80	0.351	4.53	180.6

Notes:

C° = degrees Celsius

mS/cm = millisiemens per centimeter

mg/L = milligrams per liter

mV = milli volts

TABLE 2
GROUNDWATER ELEVATION DATA *12/12/14*
(09/30/14 - 11/24/14)

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	11/24/14	99.52	26.41	--	--	73.11	DTB = 54.30'
CW-02	11/24/14	98.86	25.59	--	--	73.27	DTB = 54.45'
CW-06	11/24/14	99.52	24.79	--	--	74.73	DTB = 33.26'
GZA-3	11/24/14	NA	17.53	--	--	NA	DTB = 21.90'
MW-101D	11/24/14	98.91	25.38	--	--	73.53	DTB = 46.11'
MW-101S	11/24/14	98.90	25.39	--	--	73.51	DTB = 28.54'
MW-109D	11/24/14	NA	19.92	--	--	NA	DTB = 74.65'
MW-112	09/30/14	100.63	27.53	--	--	73.10	DTB = 34.35'
MW-112	10/20/14	100.63	27.67	--	--	72.96	DTB = 34.63'
MW-112	11/24/14	100.63	27.18	--	--	73.45	DTB = 34.31'
MW-116D	09/30/14	98.92	25.79	--	--	73.13	DTB = 44.08'
MW-116D	10/20/14	98.92	25.93	--	--	72.99	DTB = 44.25'
MW-116D	11/24/14	98.92	25.44	--	--	73.48	DTB = 39.33'
MW-116S	09/30/14	99.40	26.26	--	--	73.14	DTB = 28.09'
MW-116S	10/20/14	99.40	26.37	--	--	73.03	DTB = 28.60'
MW-116S	11/24/14	99.40	25.90	--	--	73.50	DTB = 29.62'
MW-201D	11/24/14	98.80	25.85	--	--	72.95	DTB = 47.25'
MW-202D	11/24/14	98.17	23.98	--	--	74.19	DTB = 48.83'
MW-202S	11/24/14	98.06	24.01	--	--	74.05	DTB = 38.03'
MW-207D	11/24/14	98.18	25.03	--	--	73.15	DTB = 51.38'
MW-207S	11/24/14	98.28	25.17	--	--	73.11	DTB = 38.10'
MW-209D	11/24/14	99.90	27.21	--	--	72.69	DTB = 61.95'
MW-216D	11/24/14	98.69	26.19	--	--	72.50	DTB = 39.30'
MW-216S	11/24/14	99.58	26.18	--	--	73.40	DTB = 29.61'
MW-217D	11/24/14	98.65	25.36	--	--	73.29	DTB = 46.80'
MW-217S	11/24/14	98.71	25.38	--	--	73.33	DTB = 29.50'
MW-218D	11/24/14	99.67	26.02	--	--	73.65	DTB = 46.61'
MW-218S	11/24/14	99.61	25.98	--	--	73.63	DTB = 29.40'
MW-220S	11/24/14	99.41	26.15	--	--	73.26	DTB = 31.82'
MW-221S	11/24/14	98.92	25.68	--	--	73.24	DTB = 31.75'

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

TABLE 3
Groundwater Analytical Results
Detected Compounds
September 2014 - November 2014

Former Gorham Manufacturing Facility
Providence, Rhode Island

CONSTITUENT	CW-01 11/24/2014 Primary	CW-02 11/24/2014 Primary	CW-06 11/24/2014 Primary	CW-06 11/24/2014 Duplicate	GZA-3 11/24/2014 Primary	GZA-3 11/24/2014 Duplicate	MW-101D 11/24/2014 Primary	MW-101S 11/24/2014 Primary	MW-101S 11/24/2014 Duplicate	MW-109D 11/24/2014 Primary	MW-112 9/30/2014 Primary
VOC (ug/L)											
1,1-Dichloroethane	<100D	<1.0	---	---	1.5	---	<1.0	<1.0	<1.0	<1.0	<100D
1,2,4-Trimethylbenzene	<100D	<1.0	---	---	<1.0	---	<1.0	<1.0	<1.0	<1.0	<100D
1,3,5-Trimethylbenzene	<100D	<1.0	---	---	<1.0	---	<1.0	<1.0	<1.0	<1.0	<100D
cis-1,2-Dichloroethene	840D	<1.0	---	---	9.2	---	<1.0	<1.0	<1.0	<1.0	<100D
Ethylbenzene	<100D	<1.0	---	---	<1.0J	---	<1.0	<1.0	<1.0	<1.0	<100D
Methyltert-butylether	<100D	<1.0	---	---	1.4	---	<1.0	<1.0	<1.0	<1.0	<100D
Naphthalene	<200D	<2.0	---	---	<2.0J	---	<2.0	<2.0	<2.0	<2.0	<200D
Tetrachloroethene	<100D	<1.0	---	---	<1.0	---	3.6	6.8	8.8	<1.0	4600D
Toluene	<100D	<1.0	---	---	<1.0J	---	<1.0	<1.0	<1.0	<1.0	<100D
Trichloroethene	3600D	1.4	---	---	<1.0J	---	<1.0	<1.0	<1.0	<1.0J	<100D
Vinyl chloride	<200D	<2.0	---	---	51	---	<2.0	<2.0	<2.0	<2.0	<200D
m/p-xylene	<200D	<2.0	---	---	<2.0J	---	<2.0	<2.0	<2.0	<2.0	<200D
o-Xylene	<100D	<1.0	---	---	<1.0J	---	<1.0	<1.0	<1.0	<1.0	<100D
TPH (mg/L)											
TPH	---	---	11D	12D	---	---	---	---	---	---	---
Lead (mg/L)											
Lead (Dissolved)	---	---	---	---	<0.010	<0.010	---	---	---	<0.010	---

Notes:
< = 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
-- = Not analyzed for
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
September 2014 - November 2014

Former Gorham Manufacturing Facility
Providence, Rhode Island

CONSTITUENT	MW-112 10/20/2014 Primary	MW-112 11/24/2014 Primary	MW-116D 9/30/2014 Primary	MW-116D 10/20/2014 Primary	MW-116D 11/24/2014 Primary	MW-116S 9/30/2014 Primary	MW-116S 10/20/2014 Primary	MW-116S 11/24/2014 Primary	MW-201D 11/24/2014 Primary	MW-202D 11/24/2014 Primary	MW-202S 11/24/2014 Primary
VOC (ug/L)											
1,1-Dichloroethane	<100D	<50D	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<50D	<1.0	<5.0D
1,2,4-Trimethylbenzene	<100D	<50D	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<50D	<1.0	<5.0D
1,3,5-Trimethylbenzene	<100D	<50D	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<50D	<1.0	<5.0D
cis-1,2-Dichloroethene	<100D	<50D	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<50JD	<1.0	<5.0JD
Ethylbenzene	<100D	<50D	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<50D	<1.0	<5.0D
Methyltert-butylether	<100D	<50D	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<50D	<1.0	<5.0D
Naphthalene	<500D	<100D	<2.0	<5.0	<2.0	<2.0	<5.0	<2.0	<100D	<2.0	<10D
Tetrachloroethene	8600D	780D	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0J	11000D	3.8	160D
Toluene	<100D	<50D	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<50D	<1.0	<5.0D
Trichloroethene	<100D	<50JD	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	240D	<1.0	<5.0JD
Vinyl chloride	<200D	<100D	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<100D	<2.0	<10D
m/p-xylene	<200D	<100D	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<100D	<2.0	<10D
o-Xylene	<100D	<50D	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<50D	<1.0	<5.0D
TPH (mg/L)											
TPH	---	---	---	---	---	---	---	---	---	---	---
Lead (mg/L)											
Lead (Dissolved)	---	---	---	---	---	---	---	---	---	---	---

Notes:
< = 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
-- = Not analyzed for
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
September 2014 - November 2014

Former Gorham Manufacturing Facility
Providence, Rhode Island

CONSTITUENT	MW-207D 11/24/2014 Primary	MW-207S 11/24/2014 Primary	MW-209D 11/24/2014 Primary	MW-216D 11/24/2014 Primary	MW-216S 11/24/2014 Primary	MW-217D 11/24/2014 Primary	MW-217S 11/24/2014 Primary	MW-218D 11/24/2014 Primary	MW-218S 11/24/2014 Primary
VOC (ug/L)									
1,1-Dichloroethane	<1.0	<1.0	<50D	<1.0	<2.0JD	<1.0J	<1.0J	<5.0D	<1.0
1,2,4-Trimethylbenzene	<1.0	<1.0	<50D	<1.0	11D	<1.0	<1.0J	<5.0D	<1.0
1,3,5-Trimethylbenzene	<1.0	<1.0	<50D	<1.0	7.7D	<1.0	<1.0	<5.0D	<1.0
cis-1,2-Dichloroethene	<1.0	<1.0J	83D	<1.0J	90D	70	17	<5.0JD	<1.0J
Ethylbenzene	<1.0	<1.0	<50D	<1.0	2.8D	<1.0J	1.5	<5.0D	<1.0
Methyltert-butylether	<1.0	<1.0	<50D	<1.0J	<2.0D	<1.0	<1.0	<5.0D	<1.0
Naphthalene	<2.0	<2.0	<100D	<2.0	20D	<2.0	11	<10D	<2.0
Tetrachloroethene	3.3	3	900D	<1.0	<2.0D	<1.0J	<1.0J	87D	5.5
Toluene	<1.0	<1.0	<50D	<1.0	2.0D	<1.0J	<1.0J	<5.0D	<1.0
Trichloroethene	<1.0	<1.0J	180D	1.8	<2.0JD	7.2	<1.0J	7.7D	<1.0J
Vinyl chloride	<2.0	<2.0	<100D	<2.0	<4.0D	<2.0	6.2	<10D	<2.0
m/p-xylene	<2.0	<2.0	<100D	<2.0	5.9D	<2.0J	<2.0J	<10D	<2.0
o-Xylene	<1.0	<1.0	<50D	<1.0	9.3D	<1.0	<1.0J	<5.0D	<1.0
TPH (mg/L)									
TPH	---	---	---	---	---	---	---	---	---
Lead (mg/L)									
Lead (Dissolved)	---	---	---	---	---	---	---	---	---

Notes:
< = 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
-- = Not analyzed for
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
September 2014 - November 2014

Former Gorham Manufacturing Facility
Providence, Rhode Island

Mashapaug Pond Compliance Wells				
Sample ID	**GZA-3**	**GZA-3**	**MW-109D**	**Compliance**
Date Collected	**11/24/2014**	**11/24/2014**	**11/24/2014**	**Standard[1]**
CONSTITUENT	**Primary**	**Duplicate**	**Primary**	
Metals (mg/L)				
Lead	<0.010	<0.010	<0.010	0.03
VOCs (ug/L)				
1,1-Dichloroethane	1.5	---	<1.0	50,000
1,1-Dichloroethene	<1.0J	---	<1.0	50,000
cis-1,2-Dichloroethene	9.2	---	<1.0	50,000
Methyl tert-butyl ether	1.4	---	<1.0	50,000
Tetrachloroethene	<1.0	---	<1.0	5,000
Trichloroethene	<1.0J	---	<1.0J	20,000
Vinyl chloride	51	---	<2.0	1,200

TPH Remediation Area Well			
Sample ID	**CW-06**	**CW-06**	**Compliance**
Date Collected	**11/24/2014**	**11/24/2014**	**Standard[1]**
CONSTITUENT	**Primary**	**Duplicate**	
TPH (mg/L)			
TPH	11D	12D	20

Sewer Interceptor Area Wells			
Sample ID	**CW-01**	**CW-02**	**Compliance**
Date Collected	**11/24/2014**	**11/24/2014**	**Standard[2]**
CONSTITUENT	**Primary**	**Primary**	
VOCs (ug/L)			
1,1-Dichloroethane	<100D	<1.0	120,000
1,1-Dichloroethene	<100JD	<1.0	23,000
cis-1,2-Dichloroethene	840D	<1.0	69,000
trans-1,2-Dichloroethene	<100JD	<1.0	79,000
Tetrachloroethene	<100D	<1.0	NS
Trichloroethene	3600D	1.4	87,000

Adelaide Avenue Wells							
Sample ID	**MW-112**	**MW-112**	**MW-112**	**MW-209D**	**MW-218D**	**MW-218S**	**Compliance**
Date Collected	**9/30/2014**	**10/20/2014**	**11/24/2014**	**11/24/2014**	**11/24/2014**	**11/24/2014**	**Standard[3]**
CONSTITUENT	**Primary**	**Primary**	**Primary**	**Primary**	**Primary**	**Primary**	
VOCs (ug/L)							
1,1-Dichloroethane	<100D	<100D	<50D	<50D	<5.0D	<1.0	2,400
1,1-Dichloroethene	<100D	<100D	<50D	<50D	<5.0D	<1.0	7
cis-1,2-Dichloroethene	<100D	<100D	<50D	83D	<5.0JD	<1.0J	1,900
Methyl tert-butyl ether	<100D	<100D	<50D	<50D	<5.0D	<1.0	5,000
Tetrachloroethene	4600D	8600D	780D	900D	87D	5.5	150
Trichloroethene	<100D	<100D	<50JD	180D	7.7D	<1.0J	540
Vinyl chloride	<200D	<200D	<100D	<100D	<10D	<2.0	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

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

1" 1/2" 0" 1"

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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-202D
MW-202S
MW-208D
MW-208S
04IN03
04IN04
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
TREATMENT AREA
DOWNING
CC CC
24' (TYP.)
18'
9'
30'
30.00'

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

October 16, 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: 14J0159

Enclosed are results of analyses for samples received by the laboratory on October 2, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

Table of Contents

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: 10/16/2014

PURCHASE ORDER NUMBER: 835493-000 OP

PROJECT NUMBER: 130274

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14J0159

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	14J0159-01	Ground Water		SW-846 8260C	
MW-116D	14J0159-02	Ground Water		SW-846 8260C	
MW-116S	14J0159-03	Ground Water		SW-846 8260C	

con-test® ANALYTICAL LABORATORY

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.

SW-846 8260C

Qualifications:

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Acetone
B107080-BS1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

14J0159-01[MW-112]

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
14J0159-01[MW-112], 14J0159-02[MW-116D], 14J0159-03[MW-116S], B107080-BLK1, B107080-BS1, B107080-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
14J0159-01[MW-112], 14J0159-02[MW-116D], 14J0159-03[MW-116S], B107080-BLK1, B107080-BS1, B107080-BSD1

Acetone
14J0159-01[MW-112], 14J0159-02[MW-116D], 14J0159-03[MW-116S], B107080-BLK1, B107080-BS1, B107080-BSD1

tert-Butyl Alcohol (TBA)
14J0159-01[MW-112], 14J0159-02[MW-116D], 14J0159-03[MW-116S], B107080-BLK1, B107080-BS1, B107080-BSD1

Tetrahydrofuran
14J0159-01[MW-112], 14J0159-02[MW-116D], 14J0159-03[MW-116S], B107080-BLK1, B107080-BS1, B107080-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:

2-Hexanone (MBK)
B107080-BS1, B107080-BSD1

4-Methyl-2-pentanone (MIBK)
B107080-BS1, B107080-BSD1

Acetone
B107080-BS1, B107080-BSD1

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

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: 14J0159

Date Received: 10/2/2014

Field Sample #: MW-112 | Sampled: 9/30/2014 08:30

Sample ID: 14J0159-01

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	V-16	SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Acrylonitrile	ND	500	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
tert-Amyl Methyl Ether (TAME)	ND	50	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Benzene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Bromobenzene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Bromochloromethane	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Bromodichloromethane	ND	50	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Bromoform	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Bromomethane	ND	200	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
2-Butanone (MEK)	ND	2000	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
tert-Butyl Alcohol (TBA)	ND	2000	µg/L	100	V-16	SW-846 8260C	10/13/14	10/14/14 1:39	EEH
n-Butylbenzene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
sec-Butylbenzene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
tert-Butylbenzene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	50	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Carbon Disulfide	ND	400	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Carbon Tetrachloride	ND	500	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Chlorobenzene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Chlorodibromomethane	ND	50	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Chloroethane	ND	200	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Chloroform	ND	200	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Chloromethane	ND	200	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
2-Chlorotoluene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
4-Chlorotoluene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	500	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
1,2-Dibromoethane (EDB)	ND	50	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Dibromomethane	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
1,2-Dichlorobenzene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
1,3-Dichlorobenzene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
1,4-Dichlorobenzene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
trans-1,4-Dichloro-2-butene	ND	200	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Dichlorodifluoromethane (Freon 12)	ND	200	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
1,1-Dichloroethane	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
1,2-Dichloroethane	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
1,1-Dichloroethylene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
cis-1,2-Dichloroethylene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
trans-1,2-Dichloroethylene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
1,2-Dichloropropane	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
1,3-Dichloropropane	ND	50	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
2,2-Dichloropropane	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
1,1-Dichloropropene	ND	200	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
cis-1,3-Dichloropropene	ND	50	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
trans-1,3-Dichloropropene	ND	50	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Diethyl Ether	ND	200	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	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: 14J0159

Date Received: 10/2/2014

Field Sample #: MW-112 | Sampled: 9/30/2014 08:30

Sample ID: 14J0159-01

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	10/13/14	10/14/14 1:39	EEH
1,4-Dioxane	ND	5000	µg/L	100	V-05, V-16	SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Ethylbenzene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Hexachlorobutadiene	ND	50	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
2-Hexanone (MBK)	ND	1000	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Isopropylbenzene (Cumene)	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
p-Isopropyltoluene (p-Cymene)	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Methyl tert-Butyl Ether (MTBE)	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Methylene Chloride	ND	500	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
4-Methyl-2-pentanone (MIBK)	ND	1000	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Naphthalene	ND	200	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
n-Propylbenzene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Styrene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
1,1,1,2-Tetrachloroethane	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
1,1,2,2-Tetrachloroethane	ND	50	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Tetrachloroethylene	4600	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Tetrahydrofuran	ND	1000	µg/L	100	V-16	SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Toluene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
1,2,3-Trichlorobenzene	ND	500	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
1,2,4-Trichlorobenzene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
1,3,5-Trichlorobenzene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
1,1,1-Trichloroethane	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
1,1,2-Trichloroethane	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Trichloroethylene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Trichlorofluoromethane (Freon 11)	ND	200	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
1,2,3-Trichloropropane	ND	200	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
1,2,4-Trimethylbenzene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
1,3,5-Trimethylbenzene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
Vinyl Chloride	ND	200	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
m+p Xylene	ND	200	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH
o-Xylene	ND	100	µg/L	100		SW-846 8260C	10/13/14	10/14/14 1:39	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	87.6	70-130		10/14/14 1:39	
Toluene-d8	98.6	70-130		10/14/14 1:39	
4-Bromofluorobenzene	105	70-130		10/14/14 1:39	

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: 14J0159

Date Received: 10/2/2014

Field Sample #: MW-116D | Sampled: 9/30/2014 10:30

Sample ID: 14J0159-02

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	V-16	SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	10/13/14	10/14/14 0:45	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	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: 14J0159

Date Received: 10/2/2014

Field Sample #: MW-116D | Sampled: 9/30/2014 10:30

Sample ID: 14J0159-02

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	10/13/14	10/14/14 0:45	EEH
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 0:45	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	88.6	70-130		10/14/14 0:45
Toluene-d8	102	70-130		10/14/14 0:45
4-Bromofluorobenzene	106	70-130		10/14/14 0:45

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: 14J0159

Date Received: 10/2/2014

Field Sample #: MW-116S | Sampled: 9/30/2014 09:30

Sample ID: 14J0159-03

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	50	µg/L	1	V-16	SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	10/13/14	10/14/14 1:12	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	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: 14J0159

Date Received: 10/2/2014

Field Sample #: MW-116S | Sampled: 9/30/2014 09:30

Sample ID: 14J0159-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	10/13/14	10/14/14 1:12	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	87.2	70-130		10/14/14 1:12
Toluene-d8	99.7	70-130		10/14/14 1:12
4-Bromofluorobenzene	104	70-130		10/14/14 1:12

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
14J0159-01 [MW-112]	B107080	0.05	5.00	10/13/14
14J0159-02 [MW-116D]	B107080	5	5.00	10/13/14
14J0159-03 [MW-116S]	B107080	5	5.00	10/13/14

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

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 B107080 - SW-846 5030B										
Blank (B107080-BLK1)				Prepared & Analyzed: 10/13/14						
Acetone	ND	50	µg/L							V-16
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							
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	2.0	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	1.0	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							

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

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 B107080 - SW-846 5030B												
Blank (B107080-BLK1)				Prepared & Analyzed: 10/13/14								
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	*21.7*		µg/L	25.0		86.9		70-130				
Surrogate: Toluene-d8	*26.0*		µg/L	25.0		104		70-130				
Surrogate: 4-Bromofluorobenzene	*26.4*		µg/L	25.0		106		70-130				
LCS (B107080-BS1)				Prepared & Analyzed: 10/13/14								
Acetone	185	50	µg/L	100		**185**	*	70-160			L-07, V-16, V-20	†
Acrylonitrile	11.2	5.0	µg/L	10.0		112		70-130				
tert-Amyl Methyl Ether (TAME)	10.7	0.50	µg/L	10.0		107		70-130				
Benzene	10.4	1.0	µg/L	10.0		104		70-130				
Bromobenzene	10.8	1.0	µg/L	10.0		108		70-130				
Bromochloromethane	11.2	1.0	µg/L	10.0		112		70-130				
Bromodichloromethane	11.1	0.50	µg/L	10.0		111		70-130				
Bromoform	11.2	1.0	µg/L	10.0		112		70-130				
Bromomethane	5.26	2.0	µg/L	10.0		52.6		40-160				†
2-Butanone (MEK)	132	20	µg/L	100		132		40-160				†
tert-Butyl Alcohol (TBA)	111	20	µg/L	100		111		40-160			V-16	†
n-Butylbenzene	10.3	1.0	µg/L	10.0		103		70-130				
sec-Butylbenzene	11.0	1.0	µg/L	10.0		110		70-130				
tert-Butylbenzene	10.9	1.0	µg/L	10.0		109		70-130				
tert-Butyl Ethyl Ether (TBEE)	11.3	0.50	µg/L	10.0		113		70-130				
Carbon Disulfide	10.0	4.0	µg/L	10.0		100		70-130				
Carbon Tetrachloride	10.9	5.0	µg/L	10.0		109		70-130				
Chlorobenzene	11.2	1.0	µg/L	10.0		112		70-130				
Chlorodibromomethane	11.4	0.50	µg/L	10.0		114		70-130				
Chloroethane	11.0	2.0	µg/L	10.0		110		70-130				
Chloroform	9.91	2.0	µg/L	10.0		99.1		70-130				
Chloromethane	7.32	2.0	µg/L	10.0		73.2		40-160				†
2-Chlorotoluene	11.0	1.0	µg/L	10.0		110		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 B107080 - SW-846 5030B											
LCS (B107080-BS1)				Prepared & Analyzed: 10/13/14							
4-Chlorotoluene	11.2	1.0	µg/L	10.0		112	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	10.3	5.0	µg/L	10.0		103	70-130				
1,2-Dibromoethane (EDB)	11.9	0.50	µg/L	10.0		119	70-130				
Dibromomethane	11.5	1.0	µg/L	10.0		115	70-130				
1,2-Dichlorobenzene	11.1	1.0	µg/L	10.0		111	70-130				
1,3-Dichlorobenzene	11.0	1.0	µg/L	10.0		110	70-130				
1,4-Dichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130				
trans-1,4-Dichloro-2-butene	10.0	2.0	µg/L	10.0		100	70-130				
Dichlorodifluoromethane (Freon 12)	5.99	2.0	µg/L	10.0		59.9	40-160				†
1,1-Dichloroethane	10.9	1.0	µg/L	10.0		109	70-130				
1,2-Dichloroethane	9.99	1.0	µg/L	10.0		99.9	70-130				
1,1-Dichloroethylene	10.9	1.0	µg/L	10.0		109	70-130				
cis-1,2-Dichloroethylene	10.7	1.0	µg/L	10.0		107	70-130				
trans-1,2-Dichloroethylene	10.9	1.0	µg/L	10.0		109	70-130				
1,2-Dichloropropane	11.6	1.0	µg/L	10.0		116	70-130				
1,3-Dichloropropane	11.4	0.50	µg/L	10.0		114	70-130				
2,2-Dichloropropane	9.69	1.0	µg/L	10.0		96.9	40-130				†
1,1-Dichloropropene	10.8	2.0	µg/L	10.0		108	70-130				
cis-1,3-Dichloropropene	10.6	0.50	µg/L	10.0		106	70-130				
trans-1,3-Dichloropropene	11.2	0.50	µg/L	10.0		112	70-130				
Diethyl Ether	10.8	2.0	µg/L	10.0		108	70-130				
Diisopropyl Ether (DIPE)	11.0	0.50	µg/L	10.0		110	70-130				
1,4-Dioxane	77.5	50	µg/L	100		77.5	40-130			V-05, V-16	†
Ethylbenzene	11.0	1.0	µg/L	10.0		110	70-130				
Hexachlorobutadiene	11.1	0.50	µg/L	10.0		111	70-130				
2-Hexanone (MBK)	135	10	µg/L	100		135	70-160			V-20	†
Isopropylbenzene (Cumene)	11.3	1.0	µg/L	10.0		113	70-130				
p-Isopropyltoluene (p-Cymene)	10.5	1.0	µg/L	10.0		105	70-130				
Methyl tert-Butyl Ether (MTBE)	10.6	1.0	µg/L	10.0		106	70-130				
Methylene Chloride	10.8	5.0	µg/L	10.0		108	70-130				
4-Methyl-2-pentanone (MIBK)	117	10	µg/L	100		117	70-160			V-20	†
Naphthalene	11.3	2.0	µg/L	10.0		113	40-130				†
n-Propylbenzene	11.5	1.0	µg/L	10.0		115	70-130				
Styrene	10.9	1.0	µg/L	10.0		109	70-130				
1,1,1,2-Tetrachloroethane	11.6	1.0	µg/L	10.0		116	70-130				
1,1,2,2-Tetrachloroethane	12.0	0.50	µg/L	10.0		120	70-130				
Tetrachloroethylene	11.6	1.0	µg/L	10.0		116	70-130				
Tetrahydrofuran	11.7	10	µg/L	10.0		117	70-130			V-16	
Toluene	11.0	1.0	µg/L	10.0		110	70-130				
1,2,3-Trichlorobenzene	10.6	5.0	µg/L	10.0		106	70-130				
1,2,4-Trichlorobenzene	11.0	1.0	µg/L	10.0		110	70-130				
1,3,5-Trichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130				
1,1,1-Trichloroethane	10.4	1.0	µg/L	10.0		104	70-130				
1,1,2-Trichloroethane	11.9	1.0	µg/L	10.0		119	70-130				
Trichloroethylene	11.3	1.0	µg/L	10.0		113	70-130				
Trichlorofluoromethane (Freon 11)	10.2	2.0	µg/L	10.0		102	70-130				
1,2,3-Trichloropropane	12.2	2.0	µg/L	10.0		122	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.33	1.0	µg/L	10.0		93.3	70-130				
1,2,4-Trimethylbenzene	10.6	1.0	µg/L	10.0		106	70-130				
1,3,5-Trimethylbenzene	10.7	1.0	µg/L	10.0		107	70-130				
Vinyl Chloride	7.58	2.0	µg/L	10.0		75.8	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 B107080 - SW-846 5030B											
LCS (B107080-BS1)				Prepared & Analyzed: 10/13/14							
m+p Xylene	21.7	2.0	µg/L	20.0		108	70-130				
o-Xylene	11.3	1.0	µg/L	10.0		113	70-130				
Surrogate: 1,2-Dichloroethane-d4	*23.1*		µg/L	25.0		92.4	70-130				
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		99.8	70-130				
Surrogate: 4-Bromofluorobenzene	*25.8*		µg/L	25.0		103	70-130				
LCS Dup (B107080-BSD1)				Prepared & Analyzed: 10/13/14							
Acetone	159	50	µg/L	100		159	70-160	15.1	25	V-16, V-20	†
Acrylonitrile	10.1	5.0	µg/L	10.0		101	70-130	10.3	25		
tert-Amyl Methyl Ether (TAME)	9.91	0.50	µg/L	10.0		99.1	70-130	7.39	25		
Benzene	9.85	1.0	µg/L	10.0		98.5	70-130	5.43	25		
Bromobenzene	10.5	1.0	µg/L	10.0		105	70-130	3.00	25		
Bromochloromethane	10.8	1.0	µg/L	10.0		108	70-130	3.36	25		
Bromodichloromethane	10.4	0.50	µg/L	10.0		104	70-130	6.69	25		
Bromoform	10.6	1.0	µg/L	10.0		106	70-130	6.14	25		
Bromomethane	5.15	2.0	µg/L	10.0		51.5	40-160	2.11	25		†
2-Butanone (MEK)	117	20	µg/L	100		117	40-160	11.9	25		†
tert-Butyl Alcohol (TBA)	101	20	µg/L	100		101	40-160	9.42	25	V-16	†
n-Butylbenzene	9.44	1.0	µg/L	10.0		94.4	70-130	8.42	25		
sec-Butylbenzene	10.2	1.0	µg/L	10.0		102	70-130	7.37	25		
tert-Butylbenzene	9.85	1.0	µg/L	10.0		98.5	70-130	9.94	25		
tert-Butyl Ethyl Ether (TBEE)	10.5	0.50	µg/L	10.0		105	70-130	7.71	25		
Carbon Disulfide	9.22	4.0	µg/L	10.0		92.2	70-130	8.52	25		
Carbon Tetrachloride	10.4	5.0	µg/L	10.0		104	70-130	5.26	25		
Chlorobenzene	10.9	1.0	µg/L	10.0		109	70-130	2.90	25		
Chlorodibromomethane	10.5	0.50	µg/L	10.0		105	70-130	7.67	25		
Chloroethane	11.2	2.0	µg/L	10.0		112	70-130	1.44	25		
Chloroform	9.66	2.0	µg/L	10.0		96.6	70-130	2.55	25		
Chloromethane	7.55	2.0	µg/L	10.0		75.5	40-160	3.09	25		†
2-Chlorotoluene	10.9	1.0	µg/L	10.0		109	70-130	1.01	25		
4-Chlorotoluene	10.9	1.0	µg/L	10.0		109	70-130	3.16	25		
1,2-Dibromo-3-chloropropane (DBCP)	9.55	5.0	µg/L	10.0		95.5	70-130	7.56	25		
1,2-Dibromoethane (EDB)	11.1	0.50	µg/L	10.0		111	70-130	7.05	25		
Dibromomethane	10.5	1.0	µg/L	10.0		105	70-130	9.45	25		
1,2-Dichlorobenzene	10.5	1.0	µg/L	10.0		105	70-130	5.10	25		
1,3-Dichlorobenzene	10.2	1.0	µg/L	10.0		102	70-130	7.16	25		
1,4-Dichlorobenzene	10.0	1.0	µg/L	10.0		100	70-130	7.03	25		
trans-1,4-Dichloro-2-butene	9.78	2.0	µg/L	10.0		97.8	70-130	2.62	25		
Dichlorodifluoromethane (Freon 12)	6.07	2.0	µg/L	10.0		60.7	40-160	1.33	25		†
1,1-Dichloroethane	10.3	1.0	µg/L	10.0		103	70-130	5.74	25		
1,2-Dichloroethane	9.12	1.0	µg/L	10.0		91.2	70-130	9.11	25		
1,1-Dichloroethylene	10.5	1.0	µg/L	10.0		105	70-130	3.74	25		
cis-1,2-Dichloroethylene	10.5	1.0	µg/L	10.0		105	70-130	2.46	25		
trans-1,2-Dichloroethylene	10.4	1.0	µg/L	10.0		104	70-130	4.78	25		
1,2-Dichloropropane	11.0	1.0	µg/L	10.0		110	70-130	5.06	25		
1,3-Dichloropropane	10.9	0.50	µg/L	10.0		109	70-130	4.66	25		
2,2-Dichloropropane	9.38	1.0	µg/L	10.0		93.8	40-130	3.25	25		†
1,1-Dichloropropene	10.3	2.0	µg/L	10.0		103	70-130	4.91	25		
cis-1,3-Dichloropropene	10.2	0.50	µg/L	10.0		102	70-130	4.05	25		
trans-1,3-Dichloropropene	10.6	0.50	µg/L	10.0		106	70-130	5.05	25		
Diethyl Ether	10.4	2.0	µg/L	10.0		104	70-130	4.14	25		
Diisopropyl Ether (DIPE)	10.6	0.50	µg/L	10.0		106	70-130	3.53	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 B107080 - SW-846 5030B											
LCS Dup (B107080-BSD1)				Prepared & Analyzed: 10/13/14							
1,4-Dioxane	69.0	50	µg/L	100		69.0	40-130	11.6	50	V-05, V-16	† ‡
Ethylbenzene	10.7	1.0	µg/L	10.0		107	70-130	3.23	25		
Hexachlorobutadiene	10.6	0.50	µg/L	10.0		106	70-130	4.05	25		
2-Hexanone (MBK)	123	10	µg/L	100		123	70-160	9.46	25	V-20	†
Isopropylbenzene (Cumene)	11.1	1.0	µg/L	10.0		111	70-130	2.06	25		
p-Isopropyltoluene (p-Cymene)	9.78	1.0	µg/L	10.0		97.8	70-130	6.72	25		
Methyl tert-Butyl Ether (MTBE)	10.2	1.0	µg/L	10.0		102	70-130	3.65	25		
Methylene Chloride	10.6	5.0	µg/L	10.0		106	70-130	1.95	25		
4-Methyl-2-pentanone (MIBK)	106	10	µg/L	100		106	70-160	9.79	25	V-20	†
Naphthalene	10.5	2.0	µg/L	10.0		105	40-130	7.26	25		†
n-Propylbenzene	11.1	1.0	µg/L	10.0		111	70-130	3.71	25		
Styrene	10.6	1.0	µg/L	10.0		106	70-130	2.14	25		
1,1,1,2-Tetrachloroethane	11.1	1.0	µg/L	10.0		111	70-130	4.14	25		
1,1,2,2-Tetrachloroethane	11.5	0.50	µg/L	10.0		115	70-130	4.07	25		
Tetrachloroethylene	11.1	1.0	µg/L	10.0		111	70-130	4.24	25		
Tetrahydrofuran	11.3	10	µg/L	10.0		113	70-130	3.30	25	V-16	
Toluene	10.3	1.0	µg/L	10.0		103	70-130	6.19	25		
1,2,3-Trichlorobenzene	10.0	5.0	µg/L	10.0		100	70-130	6.10	25		
1,2,4-Trichlorobenzene	10.4	1.0	µg/L	10.0		104	70-130	4.95	25		
1,3,5-Trichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130	7.00	25		
1,1,1-Trichloroethane	10.0	1.0	µg/L	10.0		100	70-130	3.91	25		
1,1,2-Trichloroethane	11.3	1.0	µg/L	10.0		113	70-130	4.91	25		
Trichloroethylene	10.6	1.0	µg/L	10.0		106	70-130	6.66	25		
Trichlorofluoromethane (Freon 11)	9.96	2.0	µg/L	10.0		99.6	70-130	2.18	25		
1,2,3-Trichloropropane	11.4	2.0	µg/L	10.0		114	70-130	6.45	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.09	1.0	µg/L	10.0		90.9	70-130	2.61	25		
1,2,4-Trimethylbenzene	9.86	1.0	µg/L	10.0		98.6	70-130	6.95	25		
1,3,5-Trimethylbenzene	10.7	1.0	µg/L	10.0		107	70-130	0.654	25		
Vinyl Chloride	7.41	2.0	µg/L	10.0		74.1	40-160	2.27	25		†
m+p Xylene	20.9	2.0	µg/L	20.0		104	70-130	3.81	25		
o-Xylene	11.0	1.0	µg/L	10.0		110	70-130	3.23	25		
Surrogate: 1,2-Dichloroethane-d4	*23.3*		µg/L	25.0		93.2	70-130				
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		101	70-130				
Surrogate: 4-Bromofluorobenzene	*26.3*		µg/L	25.0		105	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-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
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 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
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

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	
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	09/6/2015

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

14J0159

Rev 04.05.12

39 Spruce Street
East longmeadow, MA 01028

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: Daniel C. [signature]

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"

# of Containers	3
** Preservation	H
***Container Code	V

ANALYSIS REQUESTED: EPA 8260B (VOC's)

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	EPA 8260B (VOC's)
01	MW-112		9/30/14	0830	3	GW	G	3
02	MW-116D		9/30/14	1030	↓	↓	↓	3
03	MW-116S		9/30/14	0930	↓	↓	↓	3

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

Signature	Date/Time
Relinquished by: (signature) [signature]	0830 10/1/14
Received by: (signature) [signature]	10/1/14
Relinquished by: (signature) [signature]	12:40 10/2/2014
Received by: (signature) [signature]	10/2/14 1240

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

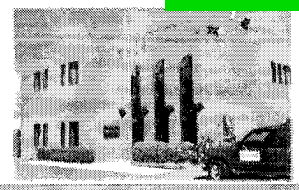
†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

[signature] 10/1/14 1845 [signature] 4.8° 10/3/14 18:45

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 Inc. RECEIVED BY: KB DATE: 10/2/14

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 4.8°

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.	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.	NA	
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:** 10/2/14

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** KB **Date/Time:** ~~17:30~~ 18:45

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

October 29, 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: 14J1121

Enclosed are results of analyses for samples received by the laboratory on October 22, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

Table of Contents

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: 10/29/2014

PURCHASE ORDER NUMBER: 835493-000 OP

PROJECT NUMBER: 130274

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14J1121

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	14J1121-01	Ground Water		SW-846 8260C	
MW-116D	14J1121-02	Ground Water		SW-846 8260C	
MW-116S	14J1121-03	Ground Water		SW-846 8260C	
Trip Blank	14J1121-04	Trip Blank Water		SW-846 8260C	

con-test® ANALYTICAL LABORATORY

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.

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
B108172-BS1, B108172-BSD1

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene
B108172-BS1

1,2,4-Trichlorobenzene
B108172-BS1

R-05

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:

Bromomethane
14J1121-01[MW-112], 14J1121-02[MW-116D], 14J1121-03[MW-116S], 14J1121-04[Trip Blank], B108172-BLK1, B108172-BS1, B108172-BSD1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

14J1121-01[MW-112]

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:

1,2,3-Trichlorobenzene
14J1121-01[MW-112], 14J1121-02[MW-116D], 14J1121-03[MW-116S], 14J1121-04[Trip Blank], B108172-BLK1, B108172-BS1, B108172-BSD1

1,2,4-Trichlorobenzene
14J1121-01[MW-112], 14J1121-02[MW-116D], 14J1121-03[MW-116S], 14J1121-04[Trip Blank], B108172-BLK1, B108172-BS1, B108172-BSD1

Naphthalene
14J1121-01[MW-112], 14J1121-02[MW-116D], 14J1121-03[MW-116S], 14J1121-04[Trip Blank], B108172-BLK1, B108172-BS1, B108172-BSD1

V-06

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

Analyte & Samples(s) Qualified:

2-Butanone (MEK)
B108172-BS1, B108172-BSD1

Acetone
B108172-BS1, B108172-BSD1

Carbon Disulfide
B108172-BS1, B108172-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
14J1121-01[MW-112], 14J1121-02[MW-116D], 14J1121-03[MW-116S], 14J1121-04[Trip Blank], B108172-BLK1, B108172-BS1, B108172-BSD1

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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.

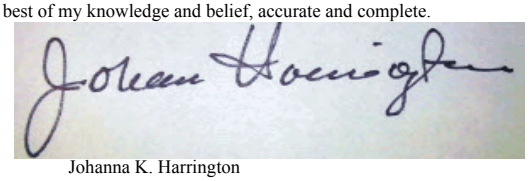
Analyte & Samples(s) Qualified:

2-Butanone (MEK)
14J1121-01[MW-112], 14J1121-02[MW-116D], 14J1121-03[MW-116S], 14J1121-04[Trip Blank], B108172-BLK1

Acetone
14J1121-01[MW-112], 14J1121-02[MW-116D], 14J1121-03[MW-116S], 14J1121-04[Trip Blank], B108172-BLK1

Carbon Disulfide
14J1121-01[MW-112], 14J1121-02[MW-116D], 14J1121-03[MW-116S], 14J1121-04[Trip Blank], B108172-BLK1

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.



Johanna K. Harrington
Manager, Laboratory Reporting

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: 14J1121

Date Received: 10/22/2014

Field Sample #: MW-112 | Sampled: 10/20/2014 08:00

Sample ID: 14J1121-01

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	V-20	SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Acrylonitrile	ND	500	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
tert-Amyl Methyl Ether (TAME)	ND	50	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Benzene	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Bromobenzene	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Bromochloromethane	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Bromodichloromethane	ND	500	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Bromoform	ND	1000	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Bromomethane	ND	200	µg/L	100	R-05	SW-846 8260C	10/27/14	10/28/14 2:05	CMR
2-Butanone (MEK)	ND	2000	µg/L	100	V-20	SW-846 8260C	10/27/14	10/28/14 2:05	CMR
tert-Butyl Alcohol (TBA)	ND	2000	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
n-Butylbenzene	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
sec-Butylbenzene	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
tert-Butylbenzene	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	50	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Carbon Disulfide	ND	400	µg/L	100	V-20	SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Carbon Tetrachloride	ND	500	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Chlorobenzene	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Chlorodibromomethane	ND	50	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Chloroethane	ND	200	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Chloroform	ND	200	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Chloromethane	ND	200	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
2-Chlorotoluene	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
4-Chlorotoluene	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	500	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
1,2-Dibromoethane (EDB)	ND	50	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Dibromomethane	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
1,2-Dichlorobenzene	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
1,3-Dichlorobenzene	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
1,4-Dichlorobenzene	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
trans-1,4-Dichloro-2-butene	ND	500	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Dichlorodifluoromethane (Freon 12)	ND	200	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
1,1-Dichloroethane	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
1,2-Dichloroethane	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
1,1-Dichloroethylene	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
cis-1,2-Dichloroethylene	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
trans-1,2-Dichloroethylene	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
1,2-Dichloropropane	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
1,3-Dichloropropane	ND	50	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
2,2-Dichloropropane	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
1,1-Dichloropropene	ND	200	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
cis-1,3-Dichloropropene	ND	200	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
trans-1,3-Dichloropropene	ND	500	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Diethyl Ether	ND	200	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR

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: 14J1121

Date Received: 10/22/2014

Field Sample #: MW-112 | Sampled: 10/20/2014 08:00

Sample ID: 14J1121-01

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	10/27/14	10/28/14 2:05	CMR
1,4-Dioxane	ND	5000	µg/L	100	V-16	SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Ethylbenzene	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Hexachlorobutadiene	ND	50	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
2-Hexanone (MBK)	ND	1000	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Isopropylbenzene (Cumene)	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
p-Isopropyltoluene (p-Cymene)	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Methyl tert-Butyl Ether (MTBE)	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Methylene Chloride	ND	500	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
4-Methyl-2-pentanone (MIBK)	ND	1000	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Naphthalene	ND	500	µg/L	100	V-05	SW-846 8260C	10/27/14	10/28/14 2:05	CMR
n-Propylbenzene	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Styrene	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
1,1,1,2-Tetrachloroethane	ND	500	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
1,1,2,2-Tetrachloroethane	ND	50	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Tetrachloroethylene	8600	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Tetrahydrofuran	ND	1000	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Toluene	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
1,2,3-Trichlorobenzene	ND	500	µg/L	100	V-05	SW-846 8260C	10/27/14	10/28/14 2:05	CMR
1,2,4-Trichlorobenzene	ND	500	µg/L	100	V-05	SW-846 8260C	10/27/14	10/28/14 2:05	CMR
1,3,5-Trichlorobenzene	ND	200	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
1,1,1-Trichloroethane	ND	500	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
1,1,2-Trichloroethane	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Trichloroethylene	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Trichlorofluoromethane (Freon 11)	ND	200	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
1,2,3-Trichloropropane	ND	200	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
1,2,4-Trimethylbenzene	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
1,3,5-Trimethylbenzene	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
Vinyl Chloride	ND	200	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
m+p Xylene	ND	200	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR
o-Xylene	ND	100	µg/L	100		SW-846 8260C	10/27/14	10/28/14 2:05	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.2	70-130		10/28/14 2:05
Toluene-d8	95.0	70-130		10/28/14 2:05
4-Bromofluorobenzene	87.9	70-130		10/28/14 2:05

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: 14J1121

Date Received: 10/22/2014

Field Sample #: MW-116D | Sampled: 10/20/2014 09:00

Sample ID: 14J1121-02

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	V-20	SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Bromodichloromethane	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Bromoform	ND	10	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	10/27/14	10/28/14 1:02	CMR
2-Butanone (MEK)	ND	20	µg/L	1	V-20	SW-846 8260C	10/27/14	10/28/14 1:02	CMR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Carbon Disulfide	ND	4.0	µg/L	1	V-20	SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
trans-1,4-Dichloro-2-butene	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
cis-1,3-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
trans-1,3-Dichloropropene	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR

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: 14J1121

Date Received: 10/22/2014

Field Sample #: MW-116D | Sampled: 10/20/2014 09:00

Sample ID: 14J1121-02

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	10/27/14	10/28/14 1:02	CMR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	10/27/14	10/28/14 1:02	CMR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
1,1,1,2-Tetrachloroethane	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	10/27/14	10/28/14 1:02	CMR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	10/27/14	10/28/14 1:02	CMR
1,3,5-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
1,1,1-Trichloroethane	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:02	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.9	70-130		10/28/14 1:02
Toluene-d8	95.4	70-130		10/28/14 1:02
4-Bromofluorobenzene	87.5	70-130		10/28/14 1:02

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: 14J1121

Date Received: 10/22/2014

Field Sample #: MW-116S | Sampled: 10/20/2014 09:30

Sample ID: 14J1121-03

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	50	µg/L	1	V-20	SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Bromodichloromethane	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Bromoform	ND	10	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	10/27/14	10/28/14 1:33	CMR
2-Butanone (MEK)	ND	20	µg/L	1	V-20	SW-846 8260C	10/27/14	10/28/14 1:33	CMR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Carbon Disulfide	ND	4.0	µg/L	1	V-20	SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
trans-1,4-Dichloro-2-butene	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
cis-1,3-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
trans-1,3-Dichloropropene	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR

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: 14J1121

Date Received: 10/22/2014

Field Sample #: MW-116S | Sampled: 10/20/2014 09:30

Sample ID: 14J1121-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	10/27/14	10/28/14 1:33	CMR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
1,1,1,2-Tetrachloroethane	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	10/27/14	10/28/14 1:33	CMR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	10/27/14	10/28/14 1:33	CMR
1,3,5-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
1,1,1-Trichloroethane	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 1:33	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.4	70-130		10/28/14 1:33
Toluene-d8	94.0	70-130		10/28/14 1:33
4-Bromofluorobenzene	87.2	70-130		10/28/14 1:33

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: 14J1121

Date Received: 10/22/2014

Field Sample #: Trip Blank | Sampled: 10/20/2014 00:00

Sample ID: 14J1121-04

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	50	µg/L	1	V-20	SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Bromodichloromethane	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Bromoform	ND	10	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	10/27/14	10/28/14 0:31	CMR
2-Butanone (MEK)	ND	20	µg/L	1	V-20	SW-846 8260C	10/27/14	10/28/14 0:31	CMR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Carbon Disulfide	ND	4.0	µg/L	1	V-20	SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
trans-1,4-Dichloro-2-butene	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
cis-1,3-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
trans-1,3-Dichloropropene	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR

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: 14J1121

Date Received: 10/22/2014

Field Sample #: Trip Blank | Sampled: 10/20/2014 00:00

Sample ID: 14J1121-04

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
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	10/27/14	10/28/14 0:31	CMR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
1,1,1,2-Tetrachloroethane	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	10/27/14	10/28/14 0:31	CMR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	10/27/14	10/28/14 0:31	CMR
1,3,5-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
1,1,1-Trichloroethane	ND	5.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	10/27/14	10/28/14 0:31	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.2	70-130		10/28/14 0:31
Toluene-d8	94.8	70-130		10/28/14 0:31
4-Bromofluorobenzene	87.9	70-130		10/28/14 0:31

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
14J1121-01 [MW-112]	B108172	0.05	5.00	10/27/14
14J1121-02 [MW-116D]	B108172	5	5.00	10/27/14
14J1121-03 [MW-116S]	B108172	5	5.00	10/27/14
14J1121-04 [Trip Blank]	B108172	5	5.00	10/27/14

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

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 B108172 - SW-846 5030B										
Blank (B108172-BLK1)				Prepared & Analyzed: 10/27/14						
Acetone	ND	50	µg/L							V-20
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							R-05
2-Butanone (MEK)	ND	20	µg/L							V-20
tert-Butyl Alcohol (TBA)	ND	20	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	4.0	µg/L							V-20
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	2.0	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	1.0	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-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							

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

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 B108172 - SW-846 5030B												
Blank (B108172-BLK1)				Prepared & Analyzed: 10/27/14								
Methylene Chloride	ND	5.0	µg/L									
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L									
Naphthalene	ND	2.0	µg/L								V-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	10	µg/L									
Toluene	ND	1.0	µg/L									
1,2,3-Trichlorobenzene	ND	5.0	µg/L								V-05	
1,2,4-Trichlorobenzene	ND	1.0	µg/L								V-05	
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	*24.3*		µg/L	25.0			97.1	70-130				
Surrogate: Toluene-d8	*23.8*		µg/L	25.0			95.4	70-130				
Surrogate: 4-Bromofluorobenzene	*22.3*		µg/L	25.0			89.1	70-130				
LCS (B108172-BS1)				Prepared & Analyzed: 10/27/14								
Acetone	192	50	µg/L	100			**192**	70-160			L-02, V-06	†
Acrylonitrile	9.21	5.0	µg/L	10.0			92.1	70-130				
tert-Amyl Methyl Ether (TAME)	9.73	0.50	µg/L	10.0			97.3	70-130				
Benzene	11.0	1.0	µg/L	10.0			110	70-130				
Bromobenzene	10.5	1.0	µg/L	10.0			105	70-130				
Bromochloromethane	12.3	1.0	µg/L	10.0			123	70-130				
Bromodichloromethane	9.92	0.50	µg/L	10.0			99.2	70-130				
Bromoform	9.63	1.0	µg/L	10.0			96.3	70-130				
Bromomethane	4.88	2.0	µg/L	10.0			48.8	40-160			R-05	†
2-Butanone (MEK)	150	20	µg/L	100			150	40-160			V-06	†
tert-Butyl Alcohol (TBA)	79.7	20	µg/L	100			79.7	40-160				†
n-Butylbenzene	9.64	1.0	µg/L	10.0			96.4	70-130				
sec-Butylbenzene	11.5	1.0	µg/L	10.0			115	70-130				
tert-Butylbenzene	11.1	1.0	µg/L	10.0			111	70-130				
tert-Butyl Ethyl Ether (TBEE)	10.1	0.50	µg/L	10.0			101	70-130				
Carbon Disulfide	10.1	4.0	µg/L	10.0			101	70-130			V-06	
Carbon Tetrachloride	10.6	5.0	µg/L	10.0			106	70-130				
Chlorobenzene	11.2	1.0	µg/L	10.0			112	70-130				
Chlorodibromomethane	9.35	0.50	µg/L	10.0			93.5	70-130				
Chloroethane	10.5	2.0	µg/L	10.0			105	70-130				
Chloroform	11.6	2.0	µg/L	10.0			116	70-130				
Chloromethane	6.08	2.0	µg/L	10.0			60.8	40-160				†
2-Chlorotoluene	11.3	1.0	µg/L	10.0			113	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 B108172 - SW-846 5030B												
LCS (B108172-BS1)				Prepared & Analyzed: 10/27/14								
4-Chlorotoluene	11.1	1.0	µg/L	10.0		111		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	10.4	5.0	µg/L	10.0		104		70-130				
1,2-Dibromoethane (EDB)	11.2	0.50	µg/L	10.0		112		70-130				
Dibromomethane	11.3	1.0	µg/L	10.0		113		70-130				
1,2-Dichlorobenzene	11.5	1.0	µg/L	10.0		115		70-130				
1,3-Dichlorobenzene	11.4	1.0	µg/L	10.0		114		70-130				
1,4-Dichlorobenzene	10.9	1.0	µg/L	10.0		109		70-130				
trans-1,4-Dichloro-2-butene	8.35	2.0	µg/L	10.0		83.5		70-130				
Dichlorodifluoromethane (Freon 12)	5.52	2.0	µg/L	10.0		55.2		40-160				†
1,1-Dichloroethane	11.2	1.0	µg/L	10.0		112		70-130				
1,2-Dichloroethane	10.8	1.0	µg/L	10.0		108		70-130				
1,1-Dichloroethylene	11.0	1.0	µg/L	10.0		110		70-130				
cis-1,2-Dichloroethylene	10.8	1.0	µg/L	10.0		108		70-130				
trans-1,2-Dichloroethylene	10.3	1.0	µg/L	10.0		103		70-130				
1,2-Dichloropropane	10.7	1.0	µg/L	10.0		107		70-130				
1,3-Dichloropropane	10.5	0.50	µg/L	10.0		105		70-130				
2,2-Dichloropropane	10.5	1.0	µg/L	10.0		105		40-130				†
1,1-Dichloropropene	11.3	2.0	µg/L	10.0		113		70-130				
cis-1,3-Dichloropropene	9.65	0.50	µg/L	10.0		96.5		70-130				
trans-1,3-Dichloropropene	10.1	0.50	µg/L	10.0		101		70-130				
Diethyl Ether	10.2	2.0	µg/L	10.0		102		70-130				
Diisopropyl Ether (DIPE)	10.5	0.50	µg/L	10.0		105		70-130				
1,4-Dioxane	101	50	µg/L	100		101		40-130			V-16	†
Ethylbenzene	11.2	1.0	µg/L	10.0		112		70-130				
Hexachlorobutadiene	10.6	0.50	µg/L	10.0		106		70-130				
2-Hexanone (MBK)	143	10	µg/L	100		143		70-160				†
Isopropylbenzene (Cumene)	11.5	1.0	µg/L	10.0		115		70-130				
p-Isopropyltoluene (p-Cymene)	11.1	1.0	µg/L	10.0		111		70-130				
Methyl tert-Butyl Ether (MTBE)	9.63	1.0	µg/L	10.0		96.3		70-130				
Methylene Chloride	10.2	5.0	µg/L	10.0		102		70-130				
4-Methyl-2-pentanone (MIBK)	106	10	µg/L	100		106		70-160				†
Naphthalene	6.68	2.0	µg/L	10.0		66.8		40-130			V-05	†
n-Propylbenzene	11.8	1.0	µg/L	10.0		118		70-130				
Styrene	11.2	1.0	µg/L	10.0		112		70-130				
1,1,1,2-Tetrachloroethane	10.4	1.0	µg/L	10.0		104		70-130				
1,1,2,2-Tetrachloroethane	10.7	0.50	µg/L	10.0		107		70-130				
Tetrachloroethylene	11.9	1.0	µg/L	10.0		119		70-130				
Tetrahydrofuran	9.12	10	µg/L	10.0		91.2		70-130				
Toluene	11.2	1.0	µg/L	10.0		112		70-130				
1,2,3-Trichlorobenzene	6.90	5.0	µg/L	10.0		**69.0**	*	70-130			L-07, V-05	
1,2,4-Trichlorobenzene	6.85	1.0	µg/L	10.0		**68.5**	*	70-130			L-07, V-05	
1,3,5-Trichlorobenzene	8.89	1.0	µg/L	10.0		88.9		70-130				
1,1,1-Trichloroethane	10.8	1.0	µg/L	10.0		108		70-130				
1,1,2-Trichloroethane	11.4	1.0	µg/L	10.0		114		70-130				
Trichloroethylene	11.5	1.0	µg/L	10.0		115		70-130				
Trichlorofluoromethane (Freon 11)	11.2	2.0	µg/L	10.0		112		70-130				
1,2,3-Trichloropropane	10.5	2.0	µg/L	10.0		105		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3	1.0	µg/L	10.0		113		70-130				
1,2,4-Trimethylbenzene	11.4	1.0	µg/L	10.0		114		70-130				
1,3,5-Trimethylbenzene	11.2	1.0	µg/L	10.0		112		70-130				
Vinyl Chloride	6.67	2.0	µg/L	10.0		66.7		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 B108172 - SW-846 5030B													
LCS (B108172-BS1)				Prepared & Analyzed: 10/27/14									
m+p Xylene	23.0	2.0	µg/L	20.0		115		70-130					
o-Xylene	11.4	1.0	µg/L	10.0		114		70-130					
Surrogate: 1,2-Dichloroethane-d4	*23.3*		µg/L	25.0		93.0		70-130					
Surrogate: Toluene-d8	*24.4*		µg/L	25.0		97.4		70-130					
Surrogate: 4-Bromofluorobenzene	*23.8*		µg/L	25.0		95.2		70-130					
LCS Dup (B108172-BSD1)				Prepared & Analyzed: 10/27/14									
Acetone	185	50	µg/L	100		**185**	*	70-160	3.60		25	L-02, V-06	†
Acrylonitrile	8.99	5.0	µg/L	10.0		89.9		70-130	2.42		25		
tert-Amyl Methyl Ether (TAME)	9.31	0.50	µg/L	10.0		93.1		70-130	4.41		25		
Benzene	10.2	1.0	µg/L	10.0		102		70-130	7.25		25		
Bromobenzene	9.85	1.0	µg/L	10.0		98.5		70-130	6.10		25		
Bromochloromethane	11.4	1.0	µg/L	10.0		114		70-130	7.76		25		
Bromodichloromethane	9.46	0.50	µg/L	10.0		94.6		70-130	4.75		25		
Bromoform	9.44	1.0	µg/L	10.0		94.4		70-130	1.99		25		
Bromomethane	7.07	2.0	µg/L	10.0		70.7		40-160	**36.7**	*	25	R-05	†
2-Butanone (MEK)	148	20	µg/L	100		148		40-160	1.42		25	V-06	†
tert-Butyl Alcohol (TBA)	83.5	20	µg/L	100		83.5		40-160	4.73		25		†
n-Butylbenzene	8.92	1.0	µg/L	10.0		89.2		70-130	7.76		25		
sec-Butylbenzene	10.7	1.0	µg/L	10.0		107		70-130	7.30		25		
tert-Butylbenzene	10.3	1.0	µg/L	10.0		103		70-130	7.65		25		
tert-Butyl Ethyl Ether (TBEE)	9.34	0.50	µg/L	10.0		93.4		70-130	7.52		25		
Carbon Disulfide	9.09	4.0	µg/L	10.0		90.9		70-130	10.6		25	V-06	
Carbon Tetrachloride	10.1	5.0	µg/L	10.0		101		70-130	5.20		25		
Chlorobenzene	10.7	1.0	µg/L	10.0		107		70-130	4.75		25		
Chlorodibromomethane	8.86	0.50	µg/L	10.0		88.6		70-130	5.38		25		
Chloroethane	9.52	2.0	µg/L	10.0		95.2		70-130	10.1		25		
Chloroform	10.7	2.0	µg/L	10.0		107		70-130	7.45		25		
Chloromethane	5.44	2.0	µg/L	10.0		54.4		40-160	11.1		25		†
2-Chlorotoluene	10.7	1.0	µg/L	10.0		107		70-130	5.64		25		
4-Chlorotoluene	10.6	1.0	µg/L	10.0		106		70-130	4.33		25		
1,2-Dibromo-3-chloropropane (DBCP)	10.2	5.0	µg/L	10.0		102		70-130	2.63		25		
1,2-Dibromoethane (EDB)	10.7	0.50	µg/L	10.0		107		70-130	3.84		25		
Dibromomethane	10.7	1.0	µg/L	10.0		107		70-130	5.35		25		
1,2-Dichlorobenzene	10.6	1.0	µg/L	10.0		106		70-130	7.70		25		
1,3-Dichlorobenzene	10.5	1.0	µg/L	10.0		105		70-130	8.47		25		
1,4-Dichlorobenzene	10.1	1.0	µg/L	10.0		101		70-130	7.23		25		
trans-1,4-Dichloro-2-butene	8.66	2.0	µg/L	10.0		86.6		70-130	3.64		25		
Dichlorodifluoromethane (Freon 12)	5.07	2.0	µg/L	10.0		50.7		40-160	8.50		25		†
1,1-Dichloroethane	10.4	1.0	µg/L	10.0		104		70-130	7.15		25		
1,2-Dichloroethane	10.2	1.0	µg/L	10.0		102		70-130	5.45		25		
1,1-Dichloroethylene	10.3	1.0	µg/L	10.0		103		70-130	6.55		25		
cis-1,2-Dichloroethylene	9.96	1.0	µg/L	10.0		99.6		70-130	7.72		25		
trans-1,2-Dichloroethylene	9.47	1.0	µg/L	10.0		94.7		70-130	8.30		25		
1,2-Dichloropropane	10.0	1.0	µg/L	10.0		100		70-130	6.46		25		
1,3-Dichloropropane	10.1	0.50	µg/L	10.0		101		70-130	4.57		25		
2,2-Dichloropropane	9.84	1.0	µg/L	10.0		98.4		40-130	6.39		25		†
1,1-Dichloropropene	10.6	2.0	µg/L	10.0		106		70-130	6.02		25		
cis-1,3-Dichloropropene	9.02	0.50	µg/L	10.0		90.2		70-130	6.75		25		
trans-1,3-Dichloropropene	9.70	0.50	µg/L	10.0		97.0		70-130	4.14		25		
Diethyl Ether	9.26	2.0	µg/L	10.0		92.6		70-130	9.56		25		
Diisopropyl Ether (DIPE)	9.93	0.50	µg/L	10.0		99.3		70-130	5.20		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 B108172 - SW-846 5030B											
LCS Dup (B108172-BSD1)				Prepared & Analyzed: 10/27/14							
1,4-Dioxane	104	50	µg/L	100		104	40-130	2.60	50	V-16	† ‡
Ethylbenzene	10.6	1.0	µg/L	10.0		106	70-130	6.14	25		
Hexachlorobutadiene	9.88	0.50	µg/L	10.0		98.8	70-130	7.31	25		
2-Hexanone (MBK)	143	10	µg/L	100		143	70-160	0.126	25		†
Isopropylbenzene (Cumene)	10.9	1.0	µg/L	10.0		109	70-130	5.34	25		
p-Isopropyltoluene (p-Cymene)	9.99	1.0	µg/L	10.0		99.9	70-130	10.3	25		
Methyl tert-Butyl Ether (MTBE)	9.08	1.0	µg/L	10.0		90.8	70-130	5.88	25		
Methylene Chloride	9.58	5.0	µg/L	10.0		95.8	70-130	6.56	25		
4-Methyl-2-pentanone (MIBK)	105	10	µg/L	100		105	70-160	0.885	25		†
Naphthalene	7.10	2.0	µg/L	10.0		71.0	40-130	6.10	25	V-05	†
n-Propylbenzene	11.2	1.0	µg/L	10.0		112	70-130	4.97	25		
Styrene	10.6	1.0	µg/L	10.0		106	70-130	5.98	25		
1,1,1,2-Tetrachloroethane	10.0	1.0	µg/L	10.0		100	70-130	4.02	25		
1,1,2,2-Tetrachloroethane	10.4	0.50	µg/L	10.0		104	70-130	2.37	25		
Tetrachloroethylene	11.2	1.0	µg/L	10.0		112	70-130	5.90	25		
Tetrahydrofuran	9.25	10	µg/L	10.0		92.5	70-130	1.42	25		
Toluene	10.5	1.0	µg/L	10.0		105	70-130	5.99	25		
1,2,3-Trichlorobenzene	7.51	5.0	µg/L	10.0		75.1	70-130	8.47	25	V-05	
1,2,4-Trichlorobenzene	7.16	1.0	µg/L	10.0		71.6	70-130	4.43	25	V-05	
1,3,5-Trichlorobenzene	8.54	1.0	µg/L	10.0		85.4	70-130	4.02	25		
1,1,1-Trichloroethane	10.1	1.0	µg/L	10.0		101	70-130	6.24	25		
1,1,2-Trichloroethane	10.8	1.0	µg/L	10.0		108	70-130	4.77	25		
Trichloroethylene	10.8	1.0	µg/L	10.0		108	70-130	5.92	25		
Trichlorofluoromethane (Freon 11)	10.3	2.0	µg/L	10.0		103	70-130	8.58	25		
1,2,3-Trichloropropane	10.5	2.0	µg/L	10.0		105	70-130	0.381	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4	1.0	µg/L	10.0		104	70-130	8.23	25		
1,2,4-Trimethylbenzene	10.6	1.0	µg/L	10.0		106	70-130	7.31	25		
1,3,5-Trimethylbenzene	10.8	1.0	µg/L	10.0		108	70-130	4.19	25		
Vinyl Chloride	6.14	2.0	µg/L	10.0		61.4	40-160	8.27	25		†
m+p Xylene	21.8	2.0	µg/L	20.0		109	70-130	5.26	25		
o-Xylene	10.9	1.0	µg/L	10.0		109	70-130	5.20	25		
Surrogate: 1,2-Dichloroethane-d4	*23.0*		µg/L	25.0		92.1	70-130				
Surrogate: Toluene-d8	*24.2*		µg/L	25.0		96.9	70-130				
Surrogate: 4-Bromofluorobenzene	*24.1*		µg/L	25.0		96.3	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-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.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified 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-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-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high 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,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
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

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	
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	09/6/2015

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

14J1120

Rev 04.05.12

Company Name: CB&I Environmental
Address: 150 Royall Street
Canton, MA 02021
Attention: Edward 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	EPA 8260B (VOCs)	Dissolved Metals: ○ Field Filtered ○ Lab to Filter
					3			3	H	V		
01	MW-112	10.20.14	0800		3	GW	G	3			3	
02	MW-116D	10.20.14	0900		3			3			3	
03	MW-116S	10.20.14	0930		3			3			3	
04	Trip Blank	10.20.14	BPL-094		2			2			2	

ANALYSIS REQUESTED

***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 and
Edward.VanDoren@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: 10.20.14 1200
Received by: (signature)	10/22/14	Date/Time: 1140
Relinquished by: (signature)	10/22/14	Date/Time: 5pm
Received by: (signature)	4.5° 10/22/14	Date/Time: 17:10

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

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: CB&I Environmental **RECEIVED BY:** KB **DATE:** 10/02/14

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°

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	11	Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl 11 # 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?

Log-In Technician Initials: KB

Date/Time: 10/22/14 17:10

Date/Time:

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

December 11, 2014

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

Project Location: Texton/Providence RI
Client Job Number:
Project Number: 130274
Laboratory Work Order Number: 14K1125

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

Sincerely,

James M. Georgantas
Project Manager

Table of Contents

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: 12/11/2014

PURCHASE ORDER NUMBER: 835493-000 OP

PROJECT NUMBER: 130274

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14K1125

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

PROJECT LOCATION: Texton/Providence RI

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-109D	14K1125-01	Ground Water		SW-846 6010C	
				SW-846 8260C	
GZA-3	14K1125-02	Ground Water		SW-846 6010C	
				SW-846 8260C	
GZA-3 DUP	14K1125-03	Ground Water		SW-846 6010C	
CW-6	14K1125-04	Ground Water		SW-846 8015C	
CW-6 DUP	14K1125-05	Ground Water		SW-846 8015C	
CW-2	14K1125-06	Ground Water		SW-846 8260C	
CW-1	14K1125-07	Ground Water		SW-846 8260C	
MW-216S	14K1125-08	Ground Water		SW-846 8260C	
MW-216D	14K1125-09	Ground Water		SW-846 8260C	
MW-217S	14K1125-10	Ground Water		SW-846 8260C	
MW-207S	14K1125-11	Ground Water		SW-846 8260C	
MW-207D	14K1125-12	Ground Water		SW-846 8260C	
MW-202S	14K1125-13	Ground Water		SW-846 8260C	
MW-202D	14K1125-14	Ground Water		SW-846 8260C	
MW-101S	14K1125-15	Ground Water		SW-846 8260C	
MW-101S DUP	14K1125-16	Ground Water		SW-846 8260C	
MW-101D	14K1125-17	Ground Water		SW-846 8260C	
MW-209D	14K1125-18	Ground Water		SW-846 8260C	
MW-201D	14K1125-19	Ground Water		SW-846 8260C	
MW-112	14K1125-20	Ground Water		SW-846 8260C	
MW-218S	14K1125-21	Ground Water		SW-846 8260C	
MW-218D	14K1125-22	Ground Water		SW-846 8260C	
MW-116S	14K1125-23	Ground Water		SW-846 8260C	
MW-116D	14K1125-24	Ground Water		SW-846 8260C	
MW-217D	14K1125-25	Ground Water		SW-846 8260C	

con-test® ANALYTICAL LABORATORY

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.

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

SW-846 8015C

Qualifications:

Z-01

Sample contamination does not match any reference standard. Majority of contamination falls within C12-C32 of the hydrocarbon range.

Analyte & Samples(s) Qualified:

TPH (C9-C36)
14K1125-04[CW-6], 14K1125-05[CW-6 DUP]

SW-846 8260C

Qualifications:

B

Analyte is found in the associated blank as well as in the sample.

Analyte & Samples(s) Qualified:

Hexachlorobutadiene
B111203-BS1, B111203-BSD1

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:

1,4-Dioxane
B111171-BS1, B111171-BSD1

Acetone
B111203-BS1, B111203-BSD1

L-04

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Bromomethane
14K1125-11[MW-207S], 14K1125-12[MW-207D], 14K1125-13[MW-202S], 14K1125-14[MW-202D], 14K1125-15[MW-101S], 14K1125-16[MW-101S DUP], 14K1125-17[MW-101D], B111203-BLK1, B111203-BS1, B111203-BSD1

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

1,4-Dioxane
B111174-BSD1, B111203-BS1

2-Butanone (MEK)
B111218-BS1

2-Hexanone (MBK)
B111218-BS1

Acetone
B111171-BSD1, B111218-BS1

Bromomethane
B111171-BS1

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.

Analyte & Samples(s) Qualified:

Bromomethane
B111174-BS1

tert-Amyl Methyl Ether (TAME)
B111218-BSD1

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R-05

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:

Acetone
14K1125-22[MW-218D], 14K1125-23[MW-116S], 14K1125-24[MW-116D], 14K1125-25[MW-217D], B111174-BLK1, B111174-BS1, B111174-BSD1

Bromomethane
14K1125-11[MW-207S], 14K1125-12[MW-207D], 14K1125-13[MW-202S], 14K1125-14[MW-202D], 14K1125-15[MW-101S], 14K1125-16[MW-101S DUP], 14K1125-17[MW-101D], 14K1125-22[MW-218D], 14K1125-23[MW-116S], 14K1125-24[MW-116D], 14K1125-25[MW-217D], B111174-BLK1, B111174-BS1, B111174-BSD1, B111203-BLK1, B111203-BS1, B111203-BSD1

tert-Amyl Methyl Ether (TAME)
14K1125-21[MW-218S], B111218-BLK1, B111218-BS1, B111218-BSD1

tert-Butyl Alcohol (TBA)
14K1125-21[MW-218S], B111218-BLK1, B111218-BS1, B111218-BSD1

tert-Butyl Ethyl Ether (TBEE)
14K1125-21[MW-218S], B111218-BLK1, B111218-BS1, B111218-BSD1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

14K1125-07[CW-1], 14K1125-08[MW-216S], 14K1125-13[MW-202S], 14K1125-18[MW-209D], 14K1125-19[MW-201D], 14K1125-20[MW-112], 14K1125-22[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:

1,2-Dibromo-3-chloropropane (DB(
14K1125-11[MW-207S], 14K1125-12[MW-207D], 14K1125-13[MW-202S], 14K1125-14[MW-202D], 14K1125-15[MW-101S], 14K1125-16[MW-101S DUP], 14K1125-17[MW-101D], 14K1125-21[MW-218S], B111203-BLK1, B111203-BS1, B111203-BSD1, B111218-BLK1, B111218-BS1, B111218-BSD1

2,2-Dichloropropane
14K1125-22[MW-218D], 14K1125-23[MW-116S], 14K1125-24[MW-116D], 14K1125-25[MW-217D], B111174-BLK1, B111174-BS1, B111174-BSD1

Acetone
14K1125-21[MW-218S], B111218-BLK1, B111218-BS1, B111218-BSD1

Bromomethane
14K1125-11[MW-207S], 14K1125-12[MW-207D], 14K1125-13[MW-202S], 14K1125-14[MW-202D], 14K1125-15[MW-101S], 14K1125-16[MW-101S DUP], 14K1125-17[MW-101D], B111203-BLK1, B111203-BS1, B111203-BSD1

tert-Amyl Methyl Ether (TAME)
14K1125-21[MW-218S], B111218-BLK1, B111218-BS1, B111218-BSD1

tert-Butyl Alcohol (TBA)
14K1125-11[MW-207S], 14K1125-12[MW-207D], 14K1125-13[MW-202S], 14K1125-14[MW-202D], 14K1125-15[MW-101S], 14K1125-16[MW-101S DUP], 14K1125-17[MW-101D], 14K1125-21[MW-218S], B111203-BLK1, B111203-BS1, B111203-BSD1, B111218-BLK1, B111218-BS1, B111218-BSD1

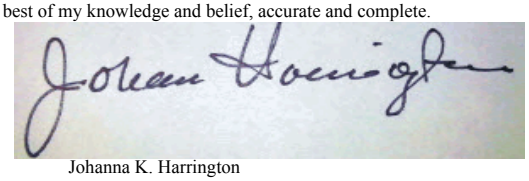
V-20

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:

1,4-Dioxane
B111174-BS1, B111174-BSD1

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.



Johanna K. Harrington
Manager, Laboratory Reporting

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-109D | Sampled: 11/24/2014 09:30

Sample ID: 14K1125-01

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	12/6/14	12/6/14 17:21	CMR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-109D | Sampled: 11/24/2014 09:30

Sample ID: 14K1125-01

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	12/6/14	12/6/14 17:21	CMR
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:21	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		12/6/14 17:21
Toluene-d8	112	70-130		12/6/14 17:21
4-Bromofluorobenzene	100	70-130		12/6/14 17:21

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-109D | Sampled: 11/24/2014 09:30

Sample ID: 14K1125-01

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	11/29/14	12/1/14 16:55	KSH

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: GZA-3 | Sampled: 11/24/2014 10:00

Sample ID: 14K1125-02

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	12/6/14	12/6/14 19:23	CMR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
1,1-Dichloroethane	1.5	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
cis-1,2-Dichloroethylene	9.2	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: GZA-3 | Sampled: 11/24/2014 10:00

Sample ID: 14K1125-02

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	12/6/14	12/6/14 19:23	CMR
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Methyl tert-Butyl Ether (MTBE)	1.4	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
Vinyl Chloride	51	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 19:23	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		12/6/14 19:23
Toluene-d8	110	70-130		12/6/14 19:23
4-Bromofluorobenzene	99.6	70-130		12/6/14 19:23

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: GZA-3 | Sampled: 11/24/2014 10:00

Sample ID: 14K1125-02

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	11/29/14	12/1/14 16:59	KSH

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: GZA-3 DUP | Sampled: 11/24/2014 10:00

Sample ID: 14K1125-03

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	11/29/14	12/1/14 17:04	KSH

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: CW-6 | Sampled: 11/24/2014 11:00

Sample ID: 14K1125-04

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH (C9-C36)	11	2.0	mg/L	10	Z-01	SW-846 8015C	12/1/14	12/5/14 13:07	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	113	40-140		12/5/14 13:07

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: CW-6 DUP | Sampled: 11/24/2014 11:00

Sample ID: 14K1125-05

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH (C9-C36)	12	2.0	mg/L	10	Z-01	SW-846 8015C	12/1/14	12/5/14 13:25	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
o-Terphenyl	104	40-140				12/5/14 13:25	

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: CW-2 | Sampled: 11/24/2014 11:30

Sample ID: 14K1125-06

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	12/6/14	12/6/14 17:51	CMR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: CW-2 | Sampled: 11/24/2014 11:30

Sample ID: 14K1125-06

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	12/6/14	12/6/14 17:51	CMR
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Trichloroethylene	1.4	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 17:51	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		12/6/14 17:51
Toluene-d8	110	70-130		12/6/14 17:51
4-Bromofluorobenzene	98.0	70-130		12/6/14 17:51

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: CW-1 | Sampled: 11/24/2014 12:00

Sample ID: 14K1125-07

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	12/6/14	12/6/14 19:54	CMR
Acrylonitrile	ND	500	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
tert-Amyl Methyl Ether (TAME)	ND	50	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Benzene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Bromobenzene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Bromochloromethane	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Bromodichloromethane	ND	50	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Bromoform	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Bromomethane	ND	200	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
2-Butanone (MEK)	ND	2000	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
tert-Butyl Alcohol (TBA)	ND	2000	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
n-Butylbenzene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
sec-Butylbenzene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
tert-Butylbenzene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	50	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Carbon Disulfide	ND	400	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Carbon Tetrachloride	ND	500	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Chlorobenzene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Chlorodibromomethane	ND	50	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Chloroethane	ND	200	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Chloroform	ND	200	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Chloromethane	ND	200	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
2-Chlorotoluene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
4-Chlorotoluene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	500	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
1,2-Dibromoethane (EDB)	ND	50	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Dibromomethane	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
1,2-Dichlorobenzene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
1,3-Dichlorobenzene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
1,4-Dichlorobenzene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
trans-1,4-Dichloro-2-butene	ND	200	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Dichlorodifluoromethane (Freon 12)	ND	200	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
1,1-Dichloroethane	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
1,2-Dichloroethane	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
1,1-Dichloroethylene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
cis-1,2-Dichloroethylene	840	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
trans-1,2-Dichloroethylene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
1,2-Dichloropropane	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
1,3-Dichloropropane	ND	50	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
2,2-Dichloropropane	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
1,1-Dichloropropene	ND	200	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
cis-1,3-Dichloropropene	ND	50	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
trans-1,3-Dichloropropene	ND	50	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Diethyl Ether	ND	200	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: CW-1 | Sampled: 11/24/2014 12:00

Sample ID: 14K1125-07

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	12/6/14	12/6/14 19:54	CMR
1,4-Dioxane	ND	5000	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Ethylbenzene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Hexachlorobutadiene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
2-Hexanone (MBK)	ND	1000	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Isopropylbenzene (Cumene)	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
p-Isopropyltoluene (p-Cymene)	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Methyl tert-Butyl Ether (MTBE)	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Methylene Chloride	ND	500	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
4-Methyl-2-pentanone (MIBK)	ND	1000	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Naphthalene	ND	200	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
n-Propylbenzene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Styrene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
1,1,1,2-Tetrachloroethane	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
1,1,2,2-Tetrachloroethane	ND	50	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Tetrachloroethylene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Tetrahydrofuran	ND	1000	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Toluene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
1,2,3-Trichlorobenzene	ND	500	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
1,2,4-Trichlorobenzene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
1,3,5-Trichlorobenzene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
1,1,1-Trichloroethane	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
1,1,2-Trichloroethane	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Trichloroethylene	3600	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Trichlorofluoromethane (Freon 11)	ND	200	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
1,2,3-Trichloropropane	ND	200	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
1,2,4-Trimethylbenzene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
1,3,5-Trimethylbenzene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
Vinyl Chloride	ND	200	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
m+p Xylene	ND	200	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR
o-Xylene	ND	100	µg/L	100		SW-846 8260C	12/6/14	12/6/14 19:54	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		12/6/14 19:54
Toluene-d8	110	70-130		12/6/14 19:54
4-Bromofluorobenzene	98.1	70-130		12/6/14 19:54

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-216S | Sampled: 11/24/2014 13:00

Sample ID: 14K1125-08

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	100	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Acrylonitrile	ND	10	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
tert-Amyl Methyl Ether (TAME)	ND	1.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Benzene	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Bromobenzene	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Bromochloromethane	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Bromodichloromethane	ND	1.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Bromoform	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Bromomethane	ND	4.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
2-Butanone (MEK)	ND	40	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
tert-Butyl Alcohol (TBA)	ND	40	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
n-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
sec-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
tert-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	1.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Carbon Disulfide	ND	8.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Carbon Tetrachloride	ND	10	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Chlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Chlorodibromomethane	ND	1.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Chloroethane	ND	4.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Chloroform	ND	4.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Chloromethane	ND	4.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
2-Chlorotoluene	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
4-Chlorotoluene	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Dibromomethane	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
1,2-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
1,3-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
1,4-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
trans-1,4-Dichloro-2-butene	ND	4.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Dichlorodifluoromethane (Freon 12)	ND	4.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
1,1-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
1,2-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
1,1-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
cis-1,2-Dichloroethylene	90	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
trans-1,2-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
1,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
1,3-Dichloropropane	ND	1.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
2,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
1,1-Dichloropropene	ND	4.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
cis-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
trans-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Diethyl Ether	ND	4.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-216S | Sampled: 11/24/2014 13:00

Sample ID: 14K1125-08

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	1.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
1,4-Dioxane	ND	100	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Ethylbenzene	2.8	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Hexachlorobutadiene	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
2-Hexanone (MBK)	ND	20	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Isopropylbenzene (Cumene)	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
p-Isopropyltoluene (p-Cymene)	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Methylene Chloride	ND	10	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
4-Methyl-2-pentanone (MIBK)	ND	20	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Naphthalene	20	4.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
n-Propylbenzene	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Styrene	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Tetrachloroethylene	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Tetrahydrofuran	ND	20	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Toluene	2.0	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
1,2,3-Trichlorobenzene	ND	10	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
1,2,4-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
1,3,5-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
1,1,1-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
1,1,2-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Trichloroethylene	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Trichlorofluoromethane (Freon 11)	ND	4.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
1,2,3-Trichloropropane	ND	4.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
1,2,4-Trimethylbenzene	11	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
1,3,5-Trimethylbenzene	7.7	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
Vinyl Chloride	ND	4.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
m+p Xylene	5.9	4.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR
o-Xylene	9.3	2.0	µg/L	2		SW-846 8260C	12/6/14	12/6/14 20:25	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		12/6/14 20:25
Toluene-d8	110	70-130		12/6/14 20:25
4-Bromofluorobenzene	100	70-130		12/6/14 20:25

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-216D | Sampled: 11/24/2014 13:30

Sample ID: 14K1125-09

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	12/6/14	12/6/14 18:22	CMR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-216D | Sampled: 11/24/2014 13:30

Sample ID: 14K1125-09

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	12/6/14	12/6/14 18:22	CMR
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Trichloroethylene	1.8	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:22	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		12/6/14 18:22
Toluene-d8	110	70-130		12/6/14 18:22
4-Bromofluorobenzene	98.8	70-130		12/6/14 18:22

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-217S | Sampled: 11/24/2014 14:30

Sample ID: 14K1125-10

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	12/6/14	12/6/14 18:53	CMR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
cis-1,2-Dichloroethylene	17	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-217S | Sampled: 11/24/2014 14:30

Sample ID: 14K1125-10

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	12/6/14	12/6/14 18:53	CMR
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Ethylbenzene	1.5	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Naphthalene	11	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
Vinyl Chloride	6.2	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/6/14 18:53	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		12/6/14 18:53
Toluene-d8	109	70-130		12/6/14 18:53
4-Bromofluorobenzene	97.7	70-130		12/6/14 18:53

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-207S | Sampled: 11/24/2014 09:45

Sample ID: 14K1125-11

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	12/7/14	12/7/14 19:32	CMR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Bromomethane	ND	2.0	µg/L	1	L-04, R-05, V-05	SW-846 8260C	12/7/14	12/7/14 19:32	CMR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05	SW-846 8260C	12/7/14	12/7/14 19:32	CMR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	12/7/14	12/7/14 19:32	CMR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-207S | Sampled: 11/24/2014 09:45

Sample ID: 14K1125-11

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	12/7/14	12/7/14 19:32	CMR
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Tetrachloroethylene	3.0	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 19:32	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.4	70-130		12/7/14 19:32
Toluene-d8	113	70-130		12/7/14 19:32
4-Bromofluorobenzene	103	70-130		12/7/14 19:32

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-207D | Sampled: 11/24/2014 10:00

Sample ID: 14K1125-12

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	12/7/14	12/7/14 20:04	CMR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Bromomethane	ND	2.0	µg/L	1	L-04, R-05, V-05	SW-846 8260C	12/7/14	12/7/14 20:04	CMR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05	SW-846 8260C	12/7/14	12/7/14 20:04	CMR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	12/7/14	12/7/14 20:04	CMR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-207D | Sampled: 11/24/2014 10:00

Sample ID: 14K1125-12

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	12/7/14	12/7/14 20:04	CMR
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Tetrachloroethylene	3.3	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:04	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.8	70-130		12/7/14 20:04
Toluene-d8	114	70-130		12/7/14 20:04
4-Bromofluorobenzene	99.8	70-130		12/7/14 20:04

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-202S | Sampled: 11/24/2014 10:30

Sample ID: 14K1125-13

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	250	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Acrylonitrile	ND	25	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
tert-Amyl Methyl Ether (TAME)	ND	2.5	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Benzene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Bromobenzene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Bromochloromethane	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Bromodichloromethane	ND	2.5	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Bromoform	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Bromomethane	ND	10	µg/L	5	L-04, R-05, V-05	SW-846 8260C	12/7/14	12/7/14 23:09	CMR
2-Butanone (MEK)	ND	100	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
tert-Butyl Alcohol (TBA)	ND	100	µg/L	5	V-05	SW-846 8260C	12/7/14	12/7/14 23:09	CMR
n-Butylbenzene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
sec-Butylbenzene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
tert-Butylbenzene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	2.5	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Carbon Disulfide	ND	20	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Carbon Tetrachloride	ND	25	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Chlorobenzene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Chlorodibromomethane	ND	2.5	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Chloroethane	ND	10	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Chloroform	ND	10	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Chloromethane	ND	10	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
2-Chlorotoluene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
4-Chlorotoluene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	µg/L	5	V-05	SW-846 8260C	12/7/14	12/7/14 23:09	CMR
1,2-Dibromoethane (EDB)	ND	2.5	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Dibromomethane	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
1,2-Dichlorobenzene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
1,3-Dichlorobenzene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
1,4-Dichlorobenzene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
trans-1,4-Dichloro-2-butene	ND	10	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Dichlorodifluoromethane (Freon 12)	ND	10	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
1,1-Dichloroethane	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
1,2-Dichloroethane	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
1,1-Dichloroethylene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
cis-1,2-Dichloroethylene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
trans-1,2-Dichloroethylene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
1,2-Dichloropropane	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
1,3-Dichloropropane	ND	2.5	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
2,2-Dichloropropane	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
1,1-Dichloropropene	ND	10	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
cis-1,3-Dichloropropene	ND	2.5	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
trans-1,3-Dichloropropene	ND	2.5	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Diethyl Ether	ND	10	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-202S | Sampled: 11/24/2014 10:30

Sample ID: 14K1125-13

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	2.5	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
1,4-Dioxane	ND	250	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Ethylbenzene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Hexachlorobutadiene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
2-Hexanone (MBK)	ND	50	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Isopropylbenzene (Cumene)	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
p-Isopropyltoluene (p-Cymene)	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Methyl tert-Butyl Ether (MTBE)	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Methylene Chloride	ND	25	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
4-Methyl-2-pentanone (MIBK)	ND	50	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Naphthalene	ND	10	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
n-Propylbenzene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Styrene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
1,1,1,2-Tetrachloroethane	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
1,1,2,2-Tetrachloroethane	ND	2.5	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Tetrachloroethylene	160	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Tetrahydrofuran	ND	50	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Toluene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
1,2,3-Trichlorobenzene	ND	25	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
1,3,5-Trichlorobenzene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
1,1,1-Trichloroethane	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
1,1,2-Trichloroethane	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Trichloroethylene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Trichlorofluoromethane (Freon 11)	ND	10	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
1,2,3-Trichloropropane	ND	10	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
1,2,4-Trimethylbenzene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
1,3,5-Trimethylbenzene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
Vinyl Chloride	ND	10	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
m+p Xylene	ND	10	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR
o-Xylene	ND	5.0	µg/L	5		SW-846 8260C	12/7/14	12/7/14 23:09	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	97.5	70-130		12/7/14	23:09
Toluene-d8	116	70-130		12/7/14	23:09
4-Bromofluorobenzene	101	70-130		12/7/14	23:09

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-202D | Sampled: 11/24/2014 11:00

Sample ID: 14K1125-14

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	12/7/14	12/7/14 20:35	CMR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Bromomethane	ND	2.0	µg/L	1	L-04, R-05, V-05	SW-846 8260C	12/7/14	12/7/14 20:35	CMR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05	SW-846 8260C	12/7/14	12/7/14 20:35	CMR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	12/7/14	12/7/14 20:35	CMR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-202D | Sampled: 11/24/2014 11:00

Sample ID: 14K1125-14

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	12/7/14	12/7/14 20:35	CMR
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Tetrachloroethylene	3.8	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 20:35	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.3	70-130		12/7/14 20:35
Toluene-d8	116	70-130		12/7/14 20:35
4-Bromofluorobenzene	99.6	70-130		12/7/14 20:35

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-101S | Sampled: 11/24/2014 11:30

Sample ID: 14K1125-15

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	12/7/14	12/7/14 21:05	CMR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Bromomethane	ND	2.0	µg/L	1	L-04, R-05, V-05	SW-846 8260C	12/7/14	12/7/14 21:05	CMR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05	SW-846 8260C	12/7/14	12/7/14 21:05	CMR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	12/7/14	12/7/14 21:05	CMR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-101S | Sampled: 11/24/2014 11:30

Sample ID: 14K1125-15

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	12/7/14	12/7/14 21:05	CMR
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Tetrachloroethylene	6.8	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:05	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		12/7/14 21:05
Toluene-d8	115	70-130		12/7/14 21:05
4-Bromofluorobenzene	101	70-130		12/7/14 21:05

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-101S DUP | Sampled: 11/24/2014 11:30

Sample ID: 14K1125-16

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	12/7/14	12/7/14 21:37	CMR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Bromomethane	ND	2.0	µg/L	1	L-04, R-05, V-05	SW-846 8260C	12/7/14	12/7/14 21:37	CMR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05	SW-846 8260C	12/7/14	12/7/14 21:37	CMR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	12/7/14	12/7/14 21:37	CMR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-101S DUP | Sampled: 11/24/2014 11:30

Sample ID: 14K1125-16

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	12/7/14	12/7/14 21:37	CMR
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Tetrachloroethylene	8.8	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 21:37	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.9	70-130		12/7/14 21:37
Toluene-d8	115	70-130		12/7/14 21:37
4-Bromofluorobenzene	97.7	70-130		12/7/14 21:37

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-101D | Sampled: 11/24/2014 12:00

Sample ID: 14K1125-17

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	12/7/14	12/7/14 22:07	CMR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Bromomethane	ND	2.0	µg/L	1	L-04, R-05, V-05	SW-846 8260C	12/7/14	12/7/14 22:07	CMR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05	SW-846 8260C	12/7/14	12/7/14 22:07	CMR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	12/7/14	12/7/14 22:07	CMR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-101D | Sampled: 11/24/2014 12:00

Sample ID: 14K1125-17

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	12/7/14	12/7/14 22:07	CMR
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Tetrachloroethylene	3.6	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/7/14	12/7/14 22:07	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.1	70-130		12/7/14 22:07
Toluene-d8	118	70-130		12/7/14 22:07
4-Bromofluorobenzene	101	70-130		12/7/14 22:07

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-209D | Sampled: 11/24/2014 12:30

Sample ID: 14K1125-18

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	12/6/14	12/7/14 0:31	CMR
Acrylonitrile	ND	250	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
tert-Amyl Methyl Ether (TAME)	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Benzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Bromobenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Bromochloromethane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Bromodichloromethane	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Bromoform	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Bromomethane	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
2-Butanone (MEK)	ND	1000	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
tert-Butyl Alcohol (TBA)	ND	1000	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
n-Butylbenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
sec-Butylbenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
tert-Butylbenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Carbon Disulfide	ND	200	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Carbon Tetrachloride	ND	250	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Chlorobenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Chlorodibromomethane	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Chloroethane	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Chloroform	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Chloromethane	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
2-Chlorotoluene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
4-Chlorotoluene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	250	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
1,2-Dibromoethane (EDB)	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Dibromomethane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
1,2-Dichlorobenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
1,3-Dichlorobenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
1,4-Dichlorobenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
trans-1,4-Dichloro-2-butene	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Dichlorodifluoromethane (Freon 12)	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
1,1-Dichloroethane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
1,2-Dichloroethane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
1,1-Dichloroethylene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
cis-1,2-Dichloroethylene	83	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
trans-1,2-Dichloroethylene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
1,2-Dichloropropane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
1,3-Dichloropropane	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
2,2-Dichloropropane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
1,1-Dichloropropene	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
cis-1,3-Dichloropropene	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
trans-1,3-Dichloropropene	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Diethyl Ether	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-209D | Sampled: 11/24/2014 12:30

Sample ID: 14K1125-18

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	12/6/14	12/7/14 0:31	CMR
1,4-Dioxane	ND	2500	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Ethylbenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Hexachlorobutadiene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
2-Hexanone (MBK)	ND	500	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Isopropylbenzene (Cumene)	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
p-Isopropyltoluene (p-Cymene)	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Methyl tert-Butyl Ether (MTBE)	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Methylene Chloride	ND	250	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
4-Methyl-2-pentanone (MIBK)	ND	500	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Naphthalene	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
n-Propylbenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Styrene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
1,1,1,2-Tetrachloroethane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
1,1,2,2-Tetrachloroethane	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Tetrachloroethylene	900	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Tetrahydrofuran	ND	500	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Toluene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
1,2,3-Trichlorobenzene	ND	250	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
1,2,4-Trichlorobenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
1,3,5-Trichlorobenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
1,1,1-Trichloroethane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
1,1,2-Trichloroethane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Trichloroethylene	180	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Trichlorofluoromethane (Freon 11)	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
1,2,3-Trichloropropane	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
1,2,4-Trimethylbenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
1,3,5-Trimethylbenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
Vinyl Chloride	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
m+p Xylene	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR
o-Xylene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 0:31	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		12/7/14 0:31
Toluene-d8	112	70-130		12/7/14 0:31
4-Bromofluorobenzene	98.2	70-130		12/7/14 0:31

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-201D | Sampled: 11/24/2014 13:00

Sample ID: 14K1125-19

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	12/6/14	12/7/14 1:02	CMR
Acrylonitrile	ND	250	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
tert-Amyl Methyl Ether (TAME)	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Benzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Bromobenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Bromochloromethane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Bromodichloromethane	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Bromoform	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Bromomethane	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
2-Butanone (MEK)	ND	1000	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
tert-Butyl Alcohol (TBA)	ND	1000	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
n-Butylbenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
sec-Butylbenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
tert-Butylbenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Carbon Disulfide	ND	200	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Carbon Tetrachloride	ND	250	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Chlorobenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Chlorodibromomethane	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Chloroethane	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Chloroform	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Chloromethane	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
2-Chlorotoluene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
4-Chlorotoluene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	250	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
1,2-Dibromoethane (EDB)	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Dibromomethane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
1,2-Dichlorobenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
1,3-Dichlorobenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
1,4-Dichlorobenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
trans-1,4-Dichloro-2-butene	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Dichlorodifluoromethane (Freon 12)	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
1,1-Dichloroethane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
1,2-Dichloroethane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
1,1-Dichloroethylene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
cis-1,2-Dichloroethylene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
trans-1,2-Dichloroethylene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
1,2-Dichloropropane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
1,3-Dichloropropane	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
2,2-Dichloropropane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
1,1-Dichloropropene	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
cis-1,3-Dichloropropene	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
trans-1,3-Dichloropropene	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Diethyl Ether	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-201D | Sampled: 11/24/2014 13:00

Sample ID: 14K1125-19

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	12/6/14	12/7/14 1:02	CMR
1,4-Dioxane	ND	2500	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Ethylbenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Hexachlorobutadiene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
2-Hexanone (MBK)	ND	500	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Isopropylbenzene (Cumene)	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
p-Isopropyltoluene (p-Cymene)	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Methyl tert-Butyl Ether (MTBE)	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Methylene Chloride	ND	250	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
4-Methyl-2-pentanone (MIBK)	ND	500	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Naphthalene	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
n-Propylbenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Styrene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
1,1,1,2-Tetrachloroethane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
1,1,2,2-Tetrachloroethane	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Tetrachloroethylene	11000	500	µg/L	500		SW-846 8260C	12/6/14	12/8/14 0:42	CMR
Tetrahydrofuran	ND	500	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Toluene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
1,2,3-Trichlorobenzene	ND	250	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
1,2,4-Trichlorobenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
1,3,5-Trichlorobenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
1,1,1-Trichloroethane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
1,1,2-Trichloroethane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Trichloroethylene	240	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Trichlorofluoromethane (Freon 11)	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
1,2,3-Trichloropropane	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
1,2,4-Trimethylbenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
1,3,5-Trimethylbenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
Vinyl Chloride	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
m+p Xylene	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR
o-Xylene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:02	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		12/7/14 1:02
1,2-Dichloroethane-d4	94.7	70-130		12/8/14 0:42
Toluene-d8	108	70-130		12/7/14 1:02
Toluene-d8	111	70-130		12/8/14 0:42
4-Bromofluorobenzene	93.2	70-130		12/8/14 0:42
4-Bromofluorobenzene	101	70-130		12/7/14 1:02

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-112 | Sampled: 11/24/2014 13:30

Sample ID: 14K1125-20

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	12/6/14	12/7/14 1:33	CMR
Acrylonitrile	ND	250	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
tert-Amyl Methyl Ether (TAME)	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Benzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Bromobenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Bromochloromethane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Bromodichloromethane	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Bromoform	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Bromomethane	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
2-Butanone (MEK)	ND	1000	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
tert-Butyl Alcohol (TBA)	ND	1000	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
n-Butylbenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
sec-Butylbenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
tert-Butylbenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Carbon Disulfide	ND	200	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Carbon Tetrachloride	ND	250	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Chlorobenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Chlorodibromomethane	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Chloroethane	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Chloroform	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Chloromethane	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
2-Chlorotoluene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
4-Chlorotoluene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	250	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
1,2-Dibromoethane (EDB)	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Dibromomethane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
1,2-Dichlorobenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
1,3-Dichlorobenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
1,4-Dichlorobenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
trans-1,4-Dichloro-2-butene	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Dichlorodifluoromethane (Freon 12)	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
1,1-Dichloroethane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
1,2-Dichloroethane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
1,1-Dichloroethylene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
cis-1,2-Dichloroethylene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
trans-1,2-Dichloroethylene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
1,2-Dichloropropane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
1,3-Dichloropropane	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
2,2-Dichloropropane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
1,1-Dichloropropene	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
cis-1,3-Dichloropropene	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
trans-1,3-Dichloropropene	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Diethyl Ether	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-112 | Sampled: 11/24/2014 13:30

Sample ID: 14K1125-20

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	12/6/14	12/7/14 1:33	CMR
1,4-Dioxane	ND	2500	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Ethylbenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Hexachlorobutadiene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
2-Hexanone (MBK)	ND	500	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Isopropylbenzene (Cumene)	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
p-Isopropyltoluene (p-Cymene)	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Methyl tert-Butyl Ether (MTBE)	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Methylene Chloride	ND	250	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
4-Methyl-2-pentanone (MIBK)	ND	500	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Naphthalene	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
n-Propylbenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Styrene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
1,1,1,2-Tetrachloroethane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
1,1,2,2-Tetrachloroethane	ND	25	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Tetrachloroethylene	780	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Tetrahydrofuran	ND	500	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Toluene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
1,2,3-Trichlorobenzene	ND	250	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
1,2,4-Trichlorobenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
1,3,5-Trichlorobenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
1,1,1-Trichloroethane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
1,1,2-Trichloroethane	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Trichloroethylene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Trichlorofluoromethane (Freon 11)	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
1,2,3-Trichloropropane	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
1,2,4-Trimethylbenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
1,3,5-Trimethylbenzene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
Vinyl Chloride	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
m+p Xylene	ND	100	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR
o-Xylene	ND	50	µg/L	50		SW-846 8260C	12/6/14	12/7/14 1:33	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	104	70-130		12/7/14	1:33
Toluene-d8	114	70-130		12/7/14	1:33
4-Bromofluorobenzene	99.9	70-130		12/7/14	1:33

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-218S | Sampled: 11/24/2014 14:00

Sample ID: 14K1125-21

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	V-05	SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
tert-Amyl Methyl Ether (TAME)	ND	1.0	µg/L	1	R-05, V-05	SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Bromoform	ND	2.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Bromomethane	ND	5.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	R-05, V-05	SW-846 8260C	12/8/14	12/8/14 16:26	CMR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	1.0	µg/L	1	R-05	SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	12/8/14	12/8/14 16:26	CMR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-218S | Sampled: 11/24/2014 14:00

Sample ID: 14K1125-21

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	12/8/14	12/8/14 16:26	CMR
1,4-Dioxane	ND	100	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Tetrachloroethylene	5.5	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/8/14	12/8/14 16:26	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	91.4	70-130		12/8/14 16:26
Toluene-d8	107	70-130		12/8/14 16:26
4-Bromofluorobenzene	102	70-130		12/8/14 16:26

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-218D | Sampled: 11/24/2014 14:30

Sample ID: 14K1125-22

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	250	µg/L	5	R-05	SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Acrylonitrile	ND	25	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
tert-Amyl Methyl Ether (TAME)	ND	2.5	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Benzene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Bromobenzene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Bromochloromethane	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Bromodichloromethane	ND	2.5	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Bromoform	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Bromomethane	ND	10	µg/L	5	R-05	SW-846 8260C	12/6/14	12/7/14 13:22	CMR
2-Butanone (MEK)	ND	100	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
tert-Butyl Alcohol (TBA)	ND	100	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
n-Butylbenzene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
sec-Butylbenzene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
tert-Butylbenzene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	2.5	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Carbon Disulfide	ND	20	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Carbon Tetrachloride	ND	25	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Chlorobenzene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Chlorodibromomethane	ND	2.5	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Chloroethane	ND	10	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Chloroform	ND	10	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Chloromethane	ND	10	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
2-Chlorotoluene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
4-Chlorotoluene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
1,2-Dibromoethane (EDB)	ND	2.5	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Dibromomethane	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
1,2-Dichlorobenzene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
1,3-Dichlorobenzene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
1,4-Dichlorobenzene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
trans-1,4-Dichloro-2-butene	ND	10	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Dichlorodifluoromethane (Freon 12)	ND	10	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
1,1-Dichloroethane	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
1,2-Dichloroethane	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
1,1-Dichloroethylene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
cis-1,2-Dichloroethylene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
trans-1,2-Dichloroethylene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
1,2-Dichloropropane	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
1,3-Dichloropropane	ND	2.5	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
2,2-Dichloropropane	ND	5.0	µg/L	5	V-05	SW-846 8260C	12/6/14	12/7/14 13:22	CMR
1,1-Dichloropropene	ND	10	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
cis-1,3-Dichloropropene	ND	2.5	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
trans-1,3-Dichloropropene	ND	2.5	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Diethyl Ether	ND	10	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-218D | Sampled: 11/24/2014 14:30

Sample ID: 14K1125-22

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	2.5	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
1,4-Dioxane	ND	250	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Ethylbenzene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Hexachlorobutadiene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
2-Hexanone (MBK)	ND	50	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Isopropylbenzene (Cumene)	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
p-Isopropyltoluene (p-Cymene)	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Methyl tert-Butyl Ether (MTBE)	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Methylene Chloride	ND	25	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
4-Methyl-2-pentanone (MIBK)	ND	50	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Naphthalene	ND	10	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
n-Propylbenzene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Styrene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
1,1,1,2-Tetrachloroethane	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
1,1,2,2-Tetrachloroethane	ND	2.5	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Tetrachloroethylene	87	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Tetrahydrofuran	ND	50	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Toluene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
1,2,3-Trichlorobenzene	ND	25	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
1,3,5-Trichlorobenzene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
1,1,1-Trichloroethane	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
1,1,2-Trichloroethane	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Trichloroethylene	7.7	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Trichlorofluoromethane (Freon 11)	ND	10	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
1,2,3-Trichloropropane	ND	10	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
1,2,4-Trimethylbenzene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
1,3,5-Trimethylbenzene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
Vinyl Chloride	ND	10	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
m+p Xylene	ND	10	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR
o-Xylene	ND	5.0	µg/L	5		SW-846 8260C	12/6/14	12/7/14 13:22	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		12/7/14 13:22
Toluene-d8	112	70-130		12/7/14 13:22
4-Bromofluorobenzene	102	70-130		12/7/14 13:22

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-116S | Sampled: 11/24/2014 15:00

Sample ID: 14K1125-23

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	R-05	SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	12/6/14	12/7/14 8:44	CMR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/6/14	12/7/14 8:44	CMR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-116S | Sampled: 11/24/2014 15:00

Sample ID: 14K1125-23

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	12/6/14	12/7/14 8:44	CMR
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 8:44	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		12/7/14 8:44
Toluene-d8	113	70-130		12/7/14 8:44
4-Bromofluorobenzene	98.5	70-130		12/7/14 8:44

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-116D | Sampled: 11/24/2014 15:30

Sample ID: 14K1125-24

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	R-05	SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	12/6/14	12/7/14 9:15	CMR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/6/14	12/7/14 9:15	CMR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-116D | Sampled: 11/24/2014 15:30

Sample ID: 14K1125-24

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	12/6/14	12/7/14 9:15	CMR
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:15	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	104	70-130		12/7/14 9:15	
Toluene-d8	110	70-130		12/7/14 9:15	
4-Bromofluorobenzene	100	70-130		12/7/14 9:15	

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-217D | Sampled: 11/24/2014 15:00

Sample ID: 14K1125-25

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	R-05	SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	12/6/14	12/7/14 9:46	CMR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
cis-1,2-Dichloroethylene	70	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/6/14	12/7/14 9:46	CMR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR

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

Project Location: Texton/Providence RI | Sample Description: | Work Order: 14K1125

Date Received: 11/25/2014

Field Sample #: MW-217D | Sampled: 11/24/2014 15:00

Sample ID: 14K1125-25

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	12/6/14	12/7/14 9:46	CMR
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Trichloroethylene	7.2	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/6/14	12/7/14 9:46	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		12/7/14 9:46
Toluene-d8	108	70-130		12/7/14 9:46
4-Bromofluorobenzene	94.0	70-130		12/7/14 9:46

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 3005A Dissolved-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
14K1125-01 [MW-109D]	B110682	50.0	50.0	11/29/14
14K1125-02 [GZA-3]	B110682	50.0	50.0	11/29/14
14K1125-03 [GZA-3 DUP]	B110682	50.0	50.0	11/29/14

Prep Method: SW-846 3510C-SW-846 8015C
Media :All samples brought to ph < 2 with

Lab Number [Field ID]	Batch	Date
14K1125-04 [CW-6]	B110709	12/01/14
14K1125-05 [CW-6 DUP]	B110709	12/01/14

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
14K1125-01 [MW-109D]	B111171	5	5.00	12/06/14
14K1125-02 [GZA-3]	B111171	5	5.00	12/06/14
14K1125-06 [CW-2]	B111171	5	5.00	12/06/14
14K1125-07 [CW-1]	B111171	0.05	5.00	12/06/14
14K1125-08 [MW-216S]	B111171	2.5	5.00	12/06/14
14K1125-09 [MW-216D]	B111171	5	5.00	12/06/14
14K1125-10 [MW-217S]	B111171	5	5.00	12/06/14
14K1125-18 [MW-209D]	B111171	0.1	5.00	12/06/14
14K1125-19 [MW-201D]	B111171	0.1	5.00	12/06/14
14K1125-20 [MW-112]	B111171	0.1	5.00	12/06/14

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
14K1125-22 [MW-218D]	B111174	1	5.00	12/06/14
14K1125-23 [MW-116S]	B111174	5	5.00	12/06/14
14K1125-24 [MW-116D]	B111174	5	5.00	12/06/14
14K1125-25 [MW-217D]	B111174	5	5.00	12/06/14

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
14K1125-11 [MW-207S]	B111203	5	5.00	12/07/14
14K1125-12 [MW-207D]	B111203	5	5.00	12/07/14
14K1125-13 [MW-202S]	B111203	1	5.00	12/07/14
14K1125-14 [MW-202D]	B111203	5	5.00	12/07/14
14K1125-15 [MW-101S]	B111203	5	5.00	12/07/14
14K1125-16 [MW-101S DUP]	B111203	5	5.00	12/07/14
14K1125-17 [MW-101D]	B111203	5	5.00	12/07/14
14K1125-19RE1 [MW-201D]	B111203	0.01	5.00	12/06/14

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
14K1125-21 [MW-218S]	B111218	5	5.00	12/08/14

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Sample Extraction Data

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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 B111171 - SW-846 5030B										
Blank (B111171-BLK1)				Prepared & Analyzed: 12/06/14						
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							
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	2.0	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	1.0	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							
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 B111171 - SW-846 5030B												
Blank (B111171-BLK1)				Prepared & Analyzed: 12/06/14								
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									
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	*25.8*		µg/L	25.0		103		70-130				
Surrogate: Toluene-d8	*28.3*		µg/L	25.0		113		70-130				
Surrogate: 4-Bromofluorobenzene	*25.8*		µg/L	25.0		103		70-130				
LCS (B111171-BS1)				Prepared & Analyzed: 12/06/14								
Acetone	150	50	µg/L	100		150		70-160				†
Acrylonitrile	9.61	5.0	µg/L	10.0		96.1		70-130				
tert-Amyl Methyl Ether (TAME)	8.66	0.50	µg/L	10.0		86.6		70-130				
Benzene	10.4	1.0	µg/L	10.0		104		70-130				
Bromobenzene	10.1	1.0	µg/L	10.0		101		70-130				
Bromochloromethane	12.0	1.0	µg/L	10.0		120		70-130				
Bromodichloromethane	9.61	0.50	µg/L	10.0		96.1		70-130				
Bromoform	9.09	1.0	µg/L	10.0		90.9		70-130				
Bromomethane	3.50	2.0	µg/L	10.0		**35.0**	*	40-160			L-07	†
2-Butanone (MEK)	122	20	µg/L	100		122		40-160				†
tert-Butyl Alcohol (TBA)	88.3	20	µg/L	100		88.3		40-160				†
n-Butylbenzene	9.66	1.0	µg/L	10.0		96.6		70-130				
sec-Butylbenzene	10.2	1.0	µg/L	10.0		102		70-130				
tert-Butylbenzene	9.59	1.0	µg/L	10.0		95.9		70-130				
tert-Butyl Ethyl Ether (TBEE)	9.56	0.50	µg/L	10.0		95.6		70-130				
Carbon Disulfide	10.0	4.0	µg/L	10.0		100		70-130				
Carbon Tetrachloride	10.3	5.0	µg/L	10.0		103		70-130				
Chlorobenzene	10.4	1.0	µg/L	10.0		104		70-130				
Chlorodibromomethane	9.08	0.50	µg/L	10.0		90.8		70-130				
Chloroethane	10.4	2.0	µg/L	10.0		104		70-130				
Chloroform	10.5	2.0	µg/L	10.0		105		70-130				
Chloromethane	7.92	2.0	µg/L	10.0		79.2		40-160				†
2-Chlorotoluene	10.8	1.0	µg/L	10.0		108		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 B111171 - SW-846 5030B												
LCS (B111171-BS1)				Prepared & Analyzed: 12/06/14								
4-Chlorotoluene	10.5	1.0	µg/L	10.0		105		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	9.09	5.0	µg/L	10.0		90.9		70-130				
1,2-Dibromoethane (EDB)	10.2	0.50	µg/L	10.0		102		70-130				
Dibromomethane	10.4	1.0	µg/L	10.0		104		70-130				
1,2-Dichlorobenzene	9.54	1.0	µg/L	10.0		95.4		70-130				
1,3-Dichlorobenzene	9.70	1.0	µg/L	10.0		97.0		70-130				
1,4-Dichlorobenzene	9.93	1.0	µg/L	10.0		99.3		70-130				
trans-1,4-Dichloro-2-butene	8.86	2.0	µg/L	10.0		88.6		70-130				
Dichlorodifluoromethane (Freon 12)	5.80	2.0	µg/L	10.0		58.0		40-160				†
1,1-Dichloroethane	10.7	1.0	µg/L	10.0		107		70-130				
1,2-Dichloroethane	10.9	1.0	µg/L	10.0		109		70-130				
1,1-Dichloroethylene	11.8	1.0	µg/L	10.0		118		70-130				
cis-1,2-Dichloroethylene	10.3	1.0	µg/L	10.0		103		70-130				
trans-1,2-Dichloroethylene	11.0	1.0	µg/L	10.0		110		70-130				
1,2-Dichloropropane	9.88	1.0	µg/L	10.0		98.8		70-130				
1,3-Dichloropropane	9.57	0.50	µg/L	10.0		95.7		70-130				
2,2-Dichloropropane	8.73	1.0	µg/L	10.0		87.3		40-130				†
1,1-Dichloropropene	10.7	2.0	µg/L	10.0		107		70-130				
cis-1,3-Dichloropropene	9.30	0.50	µg/L	10.0		93.0		70-130				
trans-1,3-Dichloropropene	9.53	0.50	µg/L	10.0		95.3		70-130				
Diethyl Ether	11.6	2.0	µg/L	10.0		116		70-130				
Diisopropyl Ether (DIPE)	10.8	0.50	µg/L	10.0		108		70-130				
1,4-Dioxane	135	50	µg/L	100		**135**	*	40-130			L-02	†
Ethylbenzene	10.1	1.0	µg/L	10.0		101		70-130				
Hexachlorobutadiene	10.4	0.50	µg/L	10.0		104		70-130				
2-Hexanone (MBK)	112	10	µg/L	100		112		70-160				†
Isopropylbenzene (Cumene)	10.1	1.0	µg/L	10.0		101		70-130				
p-Isopropyltoluene (p-Cymene)	10.0	1.0	µg/L	10.0		100		70-130				
Methyl tert-Butyl Ether (MTBE)	9.74	1.0	µg/L	10.0		97.4		70-130				
Methylene Chloride	10.7	5.0	µg/L	10.0		107		70-130				
4-Methyl-2-pentanone (MIBK)	100	10	µg/L	100		100		70-160				†
Naphthalene	10.2	2.0	µg/L	10.0		102		40-130				†
n-Propylbenzene	10.9	1.0	µg/L	10.0		109		70-130				
Styrene	10.6	1.0	µg/L	10.0		106		70-130				
1,1,1,2-Tetrachloroethane	9.31	1.0	µg/L	10.0		93.1		70-130				
1,1,2,2-Tetrachloroethane	9.54	0.50	µg/L	10.0		95.4		70-130				
Tetrachloroethylene	10.4	1.0	µg/L	10.0		104		70-130				
Tetrahydrofuran	10.6	10	µg/L	10.0		106		70-130				
Toluene	11.0	1.0	µg/L	10.0		110		70-130				
1,2,3-Trichlorobenzene	9.69	5.0	µg/L	10.0		96.9		70-130				
1,2,4-Trichlorobenzene	9.60	1.0	µg/L	10.0		96.0		70-130				
1,3,5-Trichlorobenzene	9.43	1.0	µg/L	10.0		94.3		70-130				
1,1,1-Trichloroethane	10.4	1.0	µg/L	10.0		104		70-130				
1,1,2-Trichloroethane	9.77	1.0	µg/L	10.0		97.7		70-130				
Trichloroethylene	9.19	1.0	µg/L	10.0		91.9		70-130				
Trichlorofluoromethane (Freon 11)	11.3	2.0	µg/L	10.0		113		70-130				
1,2,3-Trichloropropane	8.88	2.0	µg/L	10.0		88.8		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	9.21	1.0	µg/L	10.0		92.1		70-130				
1,3,5-Trimethylbenzene	10.2	1.0	µg/L	10.0		102		70-130				
Vinyl Chloride	8.31	2.0	µg/L	10.0		83.1		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 B111171 - SW-846 5030B												
LCS (B111171-BS1)				Prepared & Analyzed: 12/06/14								
m+p Xylene	21.6	2.0	µg/L	20.0		108		70-130				
o-Xylene	10.6	1.0	µg/L	10.0		106		70-130				
Surrogate: 1,2-Dichloroethane-d4	*26.5*		µg/L	25.0		106		70-130				
Surrogate: Toluene-d8	*27.4*		µg/L	25.0		110		70-130				
Surrogate: 4-Bromofluorobenzene	*25.2*		µg/L	25.0		101		70-130				
LCS Dup (B111171-BSD1)				Prepared & Analyzed: 12/06/14								
Acetone	164	50	µg/L	100		**164**	*	70-160	9.04	25	L-07	†
Acrylonitrile	9.56	5.0	µg/L	10.0		95.6		70-130	0.522	25		
tert-Amyl Methyl Ether (TAME)	8.59	0.50	µg/L	10.0		85.9		70-130	0.812	25		
Benzene	9.84	1.0	µg/L	10.0		98.4		70-130	5.53	25		
Bromobenzene	10.1	1.0	µg/L	10.0		101		70-130	0.495	25		
Bromochloromethane	12.0	1.0	µg/L	10.0		120		70-130	0.416	25		
Bromodichloromethane	9.53	0.50	µg/L	10.0		95.3		70-130	0.836	25		
Bromoform	9.20	1.0	µg/L	10.0		92.0		70-130	1.20	25		
Bromomethane	4.03	2.0	µg/L	10.0		40.3		40-160	14.1	25		†
2-Butanone (MEK)	134	20	µg/L	100		134		40-160	9.72	25		†
tert-Butyl Alcohol (TBA)	92.9	20	µg/L	100		92.9		40-160	5.09	25		†
n-Butylbenzene	9.63	1.0	µg/L	10.0		96.3		70-130	0.311	25		
sec-Butylbenzene	9.96	1.0	µg/L	10.0		99.6		70-130	2.67	25		
tert-Butylbenzene	9.36	1.0	µg/L	10.0		93.6		70-130	2.43	25		
tert-Butyl Ethyl Ether (TBEE)	9.71	0.50	µg/L	10.0		97.1		70-130	1.56	25		
Carbon Disulfide	9.31	4.0	µg/L	10.0		93.1		70-130	7.35	25		
Carbon Tetrachloride	9.37	5.0	µg/L	10.0		93.7		70-130	9.55	25		
Chlorobenzene	10.2	1.0	µg/L	10.0		102		70-130	1.45	25		
Chlorodibromomethane	9.26	0.50	µg/L	10.0		92.6		70-130	1.96	25		
Chloroethane	9.94	2.0	µg/L	10.0		99.4		70-130	4.91	25		
Chloroform	10.2	2.0	µg/L	10.0		102		70-130	2.51	25		
Chloromethane	7.51	2.0	µg/L	10.0		75.1		40-160	5.31	25		†
2-Chlorotoluene	10.4	1.0	µg/L	10.0		104		70-130	3.88	25		
4-Chlorotoluene	10.5	1.0	µg/L	10.0		105		70-130	0.190	25		
1,2-Dibromo-3-chloropropane (DBCP)	9.30	5.0	µg/L	10.0		93.0		70-130	2.28	25		
1,2-Dibromoethane (EDB)	10.3	0.50	µg/L	10.0		103		70-130	1.07	25		
Dibromomethane	10.5	1.0	µg/L	10.0		105		70-130	0.668	25		
1,2-Dichlorobenzene	9.65	1.0	µg/L	10.0		96.5		70-130	1.15	25		
1,3-Dichlorobenzene	9.64	1.0	µg/L	10.0		96.4		70-130	0.620	25		
1,4-Dichlorobenzene	9.91	1.0	µg/L	10.0		99.1		70-130	0.202	25		
trans-1,4-Dichloro-2-butene	9.13	2.0	µg/L	10.0		91.3		70-130	3.00	25		
Dichlorodifluoromethane (Freon 12)	5.52	2.0	µg/L	10.0		55.2		40-160	4.95	25		†
1,1-Dichloroethane	10.4	1.0	µg/L	10.0		104		70-130	3.04	25		
1,2-Dichloroethane	10.5	1.0	µg/L	10.0		105		70-130	3.55	25		
1,1-Dichloroethylene	10.8	1.0	µg/L	10.0		108		70-130	8.77	25		
cis-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101		70-130	1.86	25		
trans-1,2-Dichloroethylene	10.4	1.0	µg/L	10.0		104		70-130	5.51	25		
1,2-Dichloropropane	9.49	1.0	µg/L	10.0		94.9		70-130	4.03	25		
1,3-Dichloropropane	9.74	0.50	µg/L	10.0		97.4		70-130	1.76	25		
2,2-Dichloropropane	8.27	1.0	µg/L	10.0		82.7		40-130	5.41	25		†
1,1-Dichloropropene	10.0	2.0	µg/L	10.0		100		70-130	6.65	25		
cis-1,3-Dichloropropene	9.25	0.50	µg/L	10.0		92.5		70-130	0.539	25		
trans-1,3-Dichloropropene	9.34	0.50	µg/L	10.0		93.4		70-130	2.01	25		
Diethyl Ether	11.4	2.0	µg/L	10.0		114		70-130	1.66	25		
Diisopropyl Ether (DIPE)	10.8	0.50	µg/L	10.0		108		70-130	0.371	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 B111171 - SW-846 5030B												
LCS Dup (B111171-BSD1)				Prepared & Analyzed: 12/06/14								
1,4-Dioxane	150	50	µg/L	100		**150**	*	40-130	11.0	50	L-02	† ‡
Ethylbenzene	9.81	1.0	µg/L	10.0		98.1		70-130	3.31	25		
Hexachlorobutadiene	10.4	0.50	µg/L	10.0		104		70-130	0.770	25		
2-Hexanone (MBK)	120	10	µg/L	100		120		70-160	7.39	25		†
Isopropylbenzene (Cumene)	9.91	1.0	µg/L	10.0		99.1		70-130	2.10	25		
p-Isopropyltoluene (p-Cymene)	9.66	1.0	µg/L	10.0		96.6		70-130	3.66	25		
Methyl tert-Butyl Ether (MTBE)	9.70	1.0	µg/L	10.0		97.0		70-130	0.412	25		
Methylene Chloride	10.4	5.0	µg/L	10.0		104		70-130	2.09	25		
4-Methyl-2-pentanone (MIBK)	104	10	µg/L	100		104		70-160	3.34	25		†
Naphthalene	10.8	2.0	µg/L	10.0		108		40-130	5.64	25		†
n-Propylbenzene	10.7	1.0	µg/L	10.0		107		70-130	1.76	25		
Styrene	10.3	1.0	µg/L	10.0		103		70-130	3.07	25		
1,1,1,2-Tetrachloroethane	8.98	1.0	µg/L	10.0		89.8		70-130	3.61	25		
1,1,2,2-Tetrachloroethane	9.93	0.50	µg/L	10.0		99.3		70-130	4.01	25		
Tetrachloroethylene	9.76	1.0	µg/L	10.0		97.6		70-130	6.54	25		
Tetrahydrofuran	10.3	10	µg/L	10.0		103		70-130	2.58	25		
Toluene	10.7	1.0	µg/L	10.0		107		70-130	3.41	25		
1,2,3-Trichlorobenzene	10.0	5.0	µg/L	10.0		100		70-130	3.45	25		
1,2,4-Trichlorobenzene	9.53	1.0	µg/L	10.0		95.3		70-130	0.732	25		
1,3,5-Trichlorobenzene	9.20	1.0	µg/L	10.0		92.0		70-130	2.47	25		
1,1,1-Trichloroethane	9.98	1.0	µg/L	10.0		99.8		70-130	4.22	25		
1,1,2-Trichloroethane	9.56	1.0	µg/L	10.0		95.6		70-130	2.17	25		
Trichloroethylene	9.01	1.0	µg/L	10.0		90.1		70-130	1.98	25		
Trichlorofluoromethane (Freon 11)	10.6	2.0	µg/L	10.0		106		70-130	6.02	25		
1,2,3-Trichloropropane	9.89	2.0	µg/L	10.0		98.9		70-130	10.8	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5	1.0	µg/L	10.0		105		70-130	4.20	25		
1,2,4-Trimethylbenzene	9.12	1.0	µg/L	10.0		91.2		70-130	0.982	25		
1,3,5-Trimethylbenzene	10.0	1.0	µg/L	10.0		100		70-130	1.98	25		
Vinyl Chloride	7.51	2.0	µg/L	10.0		75.1		40-160	10.1	25		†
m+p Xylene	20.9	2.0	µg/L	20.0		105		70-130	3.24	25		
o-Xylene	10.4	1.0	µg/L	10.0		104		70-130	1.80	25		
Surrogate: 1,2-Dichloroethane-d4	*26.8*		µg/L	25.0		107		70-130				
Surrogate: Toluene-d8	*27.5*		µg/L	25.0		110		70-130				
Surrogate: 4-Bromofluorobenzene	*25.8*		µg/L	25.0		103		70-130				
Batch B111174 - SW-846 5030B												
Blank (B111174-BLK1)				Prepared: 12/06/14 Analyzed: 12/07/14								
Acetone	ND	50	µg/L								R-05	
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								R-05	
2-Butanone (MEK)	ND	20	µg/L									
tert-Butyl Alcohol (TBA)	ND	20	µg/L									
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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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 B111174 - SW-846 5030B										
Blank (B111174-BLK1)				Prepared: 12/06/14 Analyzed: 12/07/14						
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	2.0	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	1.0	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							V-05
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							
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							
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 B111174 - SW-846 5030B												
Blank (B111174-BLK1)				Prepared: 12/06/14 Analyzed: 12/07/14								
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	*26.0*		µg/L	25.0		104		70-130				
Surrogate: Toluene-d8	*28.2*		µg/L	25.0		113		70-130				
Surrogate: 4-Bromofluorobenzene	*24.9*		µg/L	25.0		99.7		70-130				
LCS (B111174-BS1)				Prepared: 12/06/14 Analyzed: 12/07/14								
Acetone	140	50	µg/L	100		140		70-160			R-05	†
Acrylonitrile	10.2	5.0	µg/L	10.0		102		70-130				
tert-Amyl Methyl Ether (TAME)	8.35	0.50	µg/L	10.0		83.5		70-130				
Benzene	10.1	1.0	µg/L	10.0		101		70-130				
Bromobenzene	10.0	1.0	µg/L	10.0		100		70-130				
Bromochloromethane	12.3	1.0	µg/L	10.0		123		70-130				
Bromodichloromethane	9.94	0.50	µg/L	10.0		99.4		70-130				
Bromoform	8.75	1.0	µg/L	10.0		87.5		70-130				
Bromomethane	3.24	2.0	µg/L	10.0		**32.4**	*	40-160			L-07A, R-05	†
2-Butanone (MEK)	115	20	µg/L	100		115		40-160				†
tert-Butyl Alcohol (TBA)	81.3	20	µg/L	100		81.3		40-160				†
n-Butylbenzene	9.02	1.0	µg/L	10.0		90.2		70-130				
sec-Butylbenzene	9.62	1.0	µg/L	10.0		96.2		70-130				
tert-Butylbenzene	9.45	1.0	µg/L	10.0		94.5		70-130				
tert-Butyl Ethyl Ether (TBEE)	9.32	0.50	µg/L	10.0		93.2		70-130				
Carbon Disulfide	9.83	4.0	µg/L	10.0		98.3		70-130				
Carbon Tetrachloride	9.64	5.0	µg/L	10.0		96.4		70-130				
Chlorobenzene	10.0	1.0	µg/L	10.0		100		70-130				
Chlorodibromomethane	9.29	0.50	µg/L	10.0		92.9		70-130				
Chloroethane	10.3	2.0	µg/L	10.0		103		70-130				
Chloroform	10.6	2.0	µg/L	10.0		106		70-130				
Chloromethane	7.63	2.0	µg/L	10.0		76.3		40-160				†
2-Chlorotoluene	10.4	1.0	µg/L	10.0		104		70-130				
4-Chlorotoluene	10.2	1.0	µg/L	10.0		102		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	8.41	5.0	µg/L	10.0		84.1		70-130				
1,2-Dibromoethane (EDB)	10.3	0.50	µg/L	10.0		103		70-130				
Dibromomethane	10.7	1.0	µg/L	10.0		107		70-130				
1,2-Dichlorobenzene	9.37	1.0	µg/L	10.0		93.7		70-130				
1,3-Dichlorobenzene	9.30	1.0	µg/L	10.0		93.0		70-130				
1,4-Dichlorobenzene	9.57	1.0	µg/L	10.0		95.7		70-130				
trans-1,4-Dichloro-2-butene	7.61	2.0	µg/L	10.0		76.1		70-130				
Dichlorodifluoromethane (Freon 12)	5.42	2.0	µg/L	10.0		54.2		40-160				†
1,1-Dichloroethane	10.8	1.0	µg/L	10.0		108		70-130				
1,2-Dichloroethane	11.0	1.0	µg/L	10.0		110		70-130				
1,1-Dichloroethylene	11.3	1.0	µg/L	10.0		113		70-130				
cis-1,2-Dichloroethylene	10.3	1.0	µg/L	10.0		103		70-130				
trans-1,2-Dichloroethylene	10.8	1.0	µg/L	10.0		108		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 B111174 - SW-846 5030B											
LCS (B111174-BS1)				Prepared: 12/06/14 Analyzed: 12/07/14							
1,2-Dichloropropane	9.70	1.0	µg/L	10.0		97.0	70-130				
1,3-Dichloropropane	9.50	0.50	µg/L	10.0		95.0	70-130				
2,2-Dichloropropane	6.21	1.0	µg/L	10.0		62.1	40-130			V-05	†
1,1-Dichloropropene	10.3	2.0	µg/L	10.0		103	70-130				
cis-1,3-Dichloropropene	8.66	0.50	µg/L	10.0		86.6	70-130				
trans-1,3-Dichloropropene	8.77	0.50	µg/L	10.0		87.7	70-130				
Diethyl Ether	11.6	2.0	µg/L	10.0		116	70-130				
Diisopropyl Ether (DIPE)	10.7	0.50	µg/L	10.0		107	70-130				
1,4-Dioxane	130	50	µg/L	100		130	40-130			V-20	†
Ethylbenzene	9.69	1.0	µg/L	10.0		96.9	70-130				
Hexachlorobutadiene	10.2	0.50	µg/L	10.0		102	70-130				
2-Hexanone (MBK)	107	10	µg/L	100		107	70-160				†
Isopropylbenzene (Cumene)	9.62	1.0	µg/L	10.0		96.2	70-130				
p-Isopropyltoluene (p-Cymene)	9.30	1.0	µg/L	10.0		93.0	70-130				
Methyl tert-Butyl Ether (MTBE)	9.27	1.0	µg/L	10.0		92.7	70-130				
Methylene Chloride	11.1	5.0	µg/L	10.0		111	70-130				
4-Methyl-2-pentanone (MIBK)	102	10	µg/L	100		102	70-160				†
Naphthalene	9.78	2.0	µg/L	10.0		97.8	40-130				†
n-Propylbenzene	10.5	1.0	µg/L	10.0		105	70-130				
Styrene	10.2	1.0	µg/L	10.0		102	70-130				
1,1,1,2-Tetrachloroethane	8.51	1.0	µg/L	10.0		85.1	70-130				
1,1,2,2-Tetrachloroethane	8.99	0.50	µg/L	10.0		89.9	70-130				
Tetrachloroethylene	9.68	1.0	µg/L	10.0		96.8	70-130				
Tetrahydrofuran	10.5	10	µg/L	10.0		105	70-130				
Toluene	11.0	1.0	µg/L	10.0		110	70-130				
1,2,3-Trichlorobenzene	9.46	5.0	µg/L	10.0		94.6	70-130				
1,2,4-Trichlorobenzene	9.32	1.0	µg/L	10.0		93.2	70-130				
1,3,5-Trichlorobenzene	8.98	1.0	µg/L	10.0		89.8	70-130				
1,1,1-Trichloroethane	9.95	1.0	µg/L	10.0		99.5	70-130				
1,1,2-Trichloroethane	9.30	1.0	µg/L	10.0		93.0	70-130				
Trichloroethylene	9.13	1.0	µg/L	10.0		91.3	70-130				
Trichlorofluoromethane (Freon 11)	11.3	2.0	µg/L	10.0		113	70-130				
1,2,3-Trichloropropane	9.19	2.0	µg/L	10.0		91.9	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4	1.0	µg/L	10.0		104	70-130				
1,2,4-Trimethylbenzene	9.12	1.0	µg/L	10.0		91.2	70-130				
1,3,5-Trimethylbenzene	9.56	1.0	µg/L	10.0		95.6	70-130				
Vinyl Chloride	7.92	2.0	µg/L	10.0		79.2	40-160				†
m+p Xylene	20.8	2.0	µg/L	20.0		104	70-130				
o-Xylene	10.6	1.0	µg/L	10.0		106	70-130				
Surrogate: 1,2-Dichloroethane-d4	*26.6*		µg/L	25.0		106	70-130				
Surrogate: Toluene-d8	*28.0*		µg/L	25.0		112	70-130				
Surrogate: 4-Bromofluorobenzene	*25.3*		µg/L	25.0		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 B111174 - SW-846 5030B												
LCS Dup (B111174-BSD1)				Prepared: 12/06/14 Analyzed: 12/07/14								
Acetone	95.8	50	µg/L	100		95.8	70-160	**37.3**	*	25	R-05	†
Acrylonitrile	9.73	5.0	µg/L	10.0		97.3	70-130	5.11		25		
tert-Amyl Methyl Ether (TAME)	8.37	0.50	µg/L	10.0		83.7	70-130	0.239		25		
Benzene	9.86	1.0	µg/L	10.0		98.6	70-130	2.21		25		
Bromobenzene	9.36	1.0	µg/L	10.0		93.6	70-130	6.81		25		
Bromochloromethane	11.6	1.0	µg/L	10.0		116	70-130	6.45		25		
Bromodichloromethane	9.42	0.50	µg/L	10.0		94.2	70-130	5.37		25		
Bromoform	8.92	1.0	µg/L	10.0		89.2	70-130	1.92		25		
Bromomethane	5.10	2.0	µg/L	10.0		51.0	40-160	**44.6**	*	25	R-05	†
2-Butanone (MEK)	101	20	µg/L	100		101	40-160	13.0		25		†
tert-Butyl Alcohol (TBA)	87.4	20	µg/L	100		87.4	40-160	7.17		25		†
n-Butylbenzene	8.84	1.0	µg/L	10.0		88.4	70-130	2.02		25		
sec-Butylbenzene	9.34	1.0	µg/L	10.0		93.4	70-130	2.95		25		
tert-Butylbenzene	8.94	1.0	µg/L	10.0		89.4	70-130	5.55		25		
tert-Butyl Ethyl Ether (TBEE)	9.37	0.50	µg/L	10.0		93.7	70-130	0.535		25		
Carbon Disulfide	8.83	4.0	µg/L	10.0		88.3	70-130	10.7		25		
Carbon Tetrachloride	9.16	5.0	µg/L	10.0		91.6	70-130	5.11		25		
Chlorobenzene	9.83	1.0	µg/L	10.0		98.3	70-130	2.11		25		
Chlorodibromomethane	9.11	0.50	µg/L	10.0		91.1	70-130	1.96		25		
Chloroethane	9.45	2.0	µg/L	10.0		94.5	70-130	8.90		25		
Chloroform	9.91	2.0	µg/L	10.0		99.1	70-130	7.10		25		
Chloromethane	7.38	2.0	µg/L	10.0		73.8	40-160	3.33		25		†
2-Chlorotoluene	9.88	1.0	µg/L	10.0		98.8	70-130	4.94		25		
4-Chlorotoluene	9.83	1.0	µg/L	10.0		98.3	70-130	3.99		25		
1,2-Dibromo-3-chloropropane (DBCP)	9.05	5.0	µg/L	10.0		90.5	70-130	7.33		25		
1,2-Dibromoethane (EDB)	9.93	0.50	µg/L	10.0		99.3	70-130	3.37		25		
Dibromomethane	10.2	1.0	µg/L	10.0		102	70-130	4.97		25		
1,2-Dichlorobenzene	9.31	1.0	µg/L	10.0		93.1	70-130	0.642		25		
1,3-Dichlorobenzene	9.25	1.0	µg/L	10.0		92.5	70-130	0.539		25		
1,4-Dichlorobenzene	9.38	1.0	µg/L	10.0		93.8	70-130	2.01		25		
trans-1,4-Dichloro-2-butene	7.98	2.0	µg/L	10.0		79.8	70-130	4.75		25		
Dichlorodifluoromethane (Freon 12)	4.87	2.0	µg/L	10.0		48.7	40-160	10.7		25		†
1,1-Dichloroethane	9.86	1.0	µg/L	10.0		98.6	70-130	9.28		25		
1,2-Dichloroethane	10.3	1.0	µg/L	10.0		103	70-130	6.28		25		
1,1-Dichloroethylene	10.4	1.0	µg/L	10.0		104	70-130	7.55		25		
cis-1,2-Dichloroethylene	9.49	1.0	µg/L	10.0		94.9	70-130	7.80		25		
trans-1,2-Dichloroethylene	10.0	1.0	µg/L	10.0		100	70-130	7.69		25		
1,2-Dichloropropane	9.45	1.0	µg/L	10.0		94.5	70-130	2.61		25		
1,3-Dichloropropane	9.61	0.50	µg/L	10.0		96.1	70-130	1.15		25		
2,2-Dichloropropane	5.75	1.0	µg/L	10.0		57.5	40-130	7.69		25	V-05	†
1,1-Dichloropropene	9.96	2.0	µg/L	10.0		99.6	70-130	3.74		25		
cis-1,3-Dichloropropene	8.70	0.50	µg/L	10.0		87.0	70-130	0.461		25		
trans-1,3-Dichloropropene	8.84	0.50	µg/L	10.0		88.4	70-130	0.795		25		
Diethyl Ether	11.4	2.0	µg/L	10.0		114	70-130	2.00		25		
Diisopropyl Ether (DIPE)	10.7	0.50	µg/L	10.0		107	70-130	0.0937		25		
1,4-Dioxane	132	50	µg/L	100		**132**	40-130	1.18	*	50	L-07, V-20	† ‡
Ethylbenzene	9.41	1.0	µg/L	10.0		94.1	70-130	2.93		25		
Hexachlorobutadiene	9.29	0.50	µg/L	10.0		92.9	70-130	9.63		25		
2-Hexanone (MBK)	103	10	µg/L	100		103	70-160	3.75		25		†
Isopropylbenzene (Cumene)	9.31	1.0	µg/L	10.0		93.1	70-130	3.28		25		
p-Isopropyltoluene (p-Cymene)	9.01	1.0	µg/L	10.0		90.1	70-130	3.17		25		
Methyl tert-Butyl Ether (MTBE)	9.50	1.0	µg/L	10.0		95.0	70-130	2.45		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 B111174 - SW-846 5030B										
LCS Dup (B111174-BSD1)				Prepared: 12/06/14 Analyzed: 12/07/14						
Methylene Chloride	10.1	5.0	µg/L	10.0		101	70-130	9.07	25	
4-Methyl-2-pentanone (MIBK)	106	10	µg/L	100		106	70-160	3.45	25	†
Naphthalene	10.1	2.0	µg/L	10.0		101	40-130	3.02	25	†
n-Propylbenzene	9.76	1.0	µg/L	10.0		97.6	70-130	7.40	25	
Styrene	9.81	1.0	µg/L	10.0		98.1	70-130	3.51	25	
1,1,1,2-Tetrachloroethane	8.72	1.0	µg/L	10.0		87.2	70-130	2.44	25	
1,1,2,2-Tetrachloroethane	9.47	0.50	µg/L	10.0		94.7	70-130	5.20	25	
Tetrachloroethylene	9.51	1.0	µg/L	10.0		95.1	70-130	1.77	25	
Tetrahydrofuran	10.6	10	µg/L	10.0		106	70-130	1.14	25	
Toluene	10.5	1.0	µg/L	10.0		105	70-130	4.00	25	
1,2,3-Trichlorobenzene	9.55	5.0	µg/L	10.0		95.5	70-130	0.947	25	
1,2,4-Trichlorobenzene	8.99	1.0	µg/L	10.0		89.9	70-130	3.60	25	
1,3,5-Trichlorobenzene	8.79	1.0	µg/L	10.0		87.9	70-130	2.14	25	
1,1,1-Trichloroethane	9.37	1.0	µg/L	10.0		93.7	70-130	6.00	25	
1,1,2-Trichloroethane	9.89	1.0	µg/L	10.0		98.9	70-130	6.15	25	
Trichloroethylene	8.73	1.0	µg/L	10.0		87.3	70-130	4.48	25	
Trichlorofluoromethane (Freon 11)	10.1	2.0	µg/L	10.0		101	70-130	11.3	25	
1,2,3-Trichloropropane	9.71	2.0	µg/L	10.0		97.1	70-130	5.50	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.62	1.0	µg/L	10.0		96.2	70-130	8.18	25	
1,2,4-Trimethylbenzene	8.85	1.0	µg/L	10.0		88.5	70-130	3.01	25	
1,3,5-Trimethylbenzene	9.37	1.0	µg/L	10.0		93.7	70-130	2.01	25	
Vinyl Chloride	7.11	2.0	µg/L	10.0		71.1	40-160	10.8	25	†
m+p Xylene	20.0	2.0	µg/L	20.0		100	70-130	3.91	25	
o-Xylene	9.98	1.0	µg/L	10.0		99.8	70-130	5.84	25	
Surrogate: 1,2-Dichloroethane-d4	*26.3*		µg/L	25.0		105	70-130			
Surrogate: Toluene-d8	*27.9*		µg/L	25.0		112	70-130			
Surrogate: 4-Bromofluorobenzene	*24.6*		µg/L	25.0		98.4	70-130			
Batch B111203 - SW-846 5030B										
Blank (B111203-BLK1)				Prepared & Analyzed: 12/07/14						
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							V-05, L-04, R-05
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-05
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							

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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 B111203 - SW-846 5030B										
Blank (B111203-BLK1)				Prepared & Analyzed: 12/07/14						
Chloromethane	ND	2.0	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							V-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							
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	1.0	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							
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	0.80	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							
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							

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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 B111203 - SW-846 5030B												
Blank (B111203-BLK1)				Prepared & Analyzed: 12/07/14								
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	*24.4*		µg/L	25.0		97.6		70-130				
Surrogate: Toluene-d8	*29.2*		µg/L	25.0		117		70-130				
Surrogate: 4-Bromofluorobenzene	*25.1*		µg/L	25.0		100		70-130				
LCS (B111203-BS1)				Prepared & Analyzed: 12/07/14								
Acetone	202	50	µg/L	100		**202**	*	70-160			L-02	†
Acrylonitrile	9.07	5.0	µg/L	10.0		90.7		70-130				
tert-Amyl Methyl Ether (TAME)	7.86	0.50	µg/L	10.0		78.6		70-130				
Benzene	10.0	1.0	µg/L	10.0		100		70-130				
Bromobenzene	9.81	1.0	µg/L	10.0		98.1		70-130				
Bromochloromethane	12.4	1.0	µg/L	10.0		124		70-130				
Bromodichloromethane	9.83	0.50	µg/L	10.0		98.3		70-130				
Bromoform	8.25	1.0	µg/L	10.0		82.5		70-130				
Bromomethane	2.48	2.0	µg/L	10.0		**24.8**	*	40-160			L-04, R-05, V-05	†
2-Butanone (MEK)	139	20	µg/L	100		139		40-160				†
tert-Butyl Alcohol (TBA)	68.4	20	µg/L	100		68.4		40-160			V-05	†
n-Butylbenzene	10.4	1.0	µg/L	10.0		104		70-130				
sec-Butylbenzene	10.5	1.0	µg/L	10.0		105		70-130				
tert-Butylbenzene	9.75	1.0	µg/L	10.0		97.5		70-130				
tert-Butyl Ethyl Ether (TBEE)	8.75	0.50	µg/L	10.0		87.5		70-130				
Carbon Disulfide	11.1	4.0	µg/L	10.0		111		70-130				
Carbon Tetrachloride	9.71	5.0	µg/L	10.0		97.1		70-130				
Chlorobenzene	10.2	1.0	µg/L	10.0		102		70-130				
Chlorodibromomethane	8.79	0.50	µg/L	10.0		87.9		70-130				
Chloroethane	10.3	2.0	µg/L	10.0		103		70-130				
Chloroform	10.6	2.0	µg/L	10.0		106		70-130				
Chloromethane	7.00	2.0	µg/L	10.0		70.0		40-160				†
2-Chlorotoluene	10.7	1.0	µg/L	10.0		107		70-130				
4-Chlorotoluene	10.6	1.0	µg/L	10.0		106		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	8.65	5.0	µg/L	10.0		86.5		70-130			V-05	
1,2-Dibromoethane (EDB)	9.63	0.50	µg/L	10.0		96.3		70-130				
Dibromomethane	10.6	1.0	µg/L	10.0		106		70-130				
1,2-Dichlorobenzene	9.89	1.0	µg/L	10.0		98.9		70-130				
1,3-Dichlorobenzene	9.75	1.0	µg/L	10.0		97.5		70-130				
1,4-Dichlorobenzene	9.92	1.0	µg/L	10.0		99.2		70-130				
trans-1,4-Dichloro-2-butene	8.22	2.0	µg/L	10.0		82.2		70-130				
Dichlorodifluoromethane (Freon 12)	4.73	2.0	µg/L	10.0		47.3		40-160				†
1,1-Dichloroethane	10.9	1.0	µg/L	10.0		109		70-130				
1,2-Dichloroethane	11.0	1.0	µg/L	10.0		110		70-130				
1,1-Dichloroethylene	11.7	1.0	µg/L	10.0		117		70-130				
cis-1,2-Dichloroethylene	10.5	1.0	µg/L	10.0		105		70-130				
trans-1,2-Dichloroethylene	10.8	1.0	µg/L	10.0		108		70-130				
1,2-Dichloropropane	9.70	1.0	µg/L	10.0		97.0		70-130				
1,3-Dichloropropane	9.09	0.50	µg/L	10.0		90.9		70-130				
2,2-Dichloropropane	7.77	1.0	µg/L	10.0		77.7		40-130				†
1,1-Dichloropropene	10.2	2.0	µg/L	10.0		102		70-130				
cis-1,3-Dichloropropene	8.87	0.50	µg/L	10.0		88.7		70-130				
trans-1,3-Dichloropropene	8.74	0.50	µg/L	10.0		87.4		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 B111203 - SW-846 5030B													
LCS (B111203-BS1)				Prepared & Analyzed: 12/07/14									
Diethyl Ether	11.0	2.0	µg/L	10.0		110		70-130					
Diisopropyl Ether (DIPE)	10.4	0.50	µg/L	10.0		104		70-130					
1,4-Dioxane	131	50	µg/L	100		**131**	*	40-130				L-07	†
Ethylbenzene	9.90	1.0	µg/L	10.0		99.0		70-130					
Hexachlorobutadiene	11.0	0.50	µg/L	10.0		110		70-130				B	
2-Hexanone (MBK)	142	10	µg/L	100		142		70-160					†
Isopropylbenzene (Cumene)	10.0	1.0	µg/L	10.0		100		70-130					
p-Isopropyltoluene (p-Cymene)	10.3	1.0	µg/L	10.0		103		70-130					
Methyl tert-Butyl Ether (MTBE)	8.67	1.0	µg/L	10.0		86.7		70-130					
Methylene Chloride	10.7	5.0	µg/L	10.0		107		70-130					
4-Methyl-2-pentanone (MIBK)	99.7	10	µg/L	100		99.7		70-160					†
Naphthalene	9.83	2.0	µg/L	10.0		98.3		40-130					†
n-Propylbenzene	11.1	1.0	µg/L	10.0		111		70-130					
Styrene	10.4	1.0	µg/L	10.0		104		70-130					
1,1,1,2-Tetrachloroethane	8.75	1.0	µg/L	10.0		87.5		70-130					
1,1,2,2-Tetrachloroethane	8.60	0.50	µg/L	10.0		86.0		70-130					
Tetrachloroethylene	10.4	1.0	µg/L	10.0		104		70-130					
Tetrahydrofuran	10.0	10	µg/L	10.0		100		70-130					
Toluene	11.5	1.0	µg/L	10.0		115		70-130					
1,2,3-Trichlorobenzene	10.4	5.0	µg/L	10.0		104		70-130					
1,2,4-Trichlorobenzene	10.0	1.0	µg/L	10.0		100		70-130					
1,3,5-Trichlorobenzene	9.67	1.0	µg/L	10.0		96.7		70-130					
1,1,1-Trichloroethane	10.0	1.0	µg/L	10.0		100		70-130					
1,1,2-Trichloroethane	9.67	1.0	µg/L	10.0		96.7		70-130					
Trichloroethylene	9.45	1.0	µg/L	10.0		94.5		70-130					
Trichlorofluoromethane (Freon 11)	11.5	2.0	µg/L	10.0		115		70-130					
1,2,3-Trichloropropane	8.84	2.0	µg/L	10.0		88.4		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	9.48	1.0	µg/L	10.0		94.8		70-130					
1,3,5-Trimethylbenzene	10.4	1.0	µg/L	10.0		104		70-130					
Vinyl Chloride	7.59	2.0	µg/L	10.0		75.9		40-160					†
m+p Xylene	21.2	2.0	µg/L	20.0		106		70-130					
o-Xylene	10.6	1.0	µg/L	10.0		106		70-130					
Surrogate: 1,2-Dichloroethane-d4	*26.2*		µg/L	25.0		105		70-130					
Surrogate: Toluene-d8	*28.8*		µg/L	25.0		115		70-130					
Surrogate: 4-Bromofluorobenzene	*25.2*		µg/L	25.0		101		70-130					
LCS Dup (B111203-BSD1)				Prepared & Analyzed: 12/07/14									
Acetone	193	50	µg/L	100		**193**	*	70-160	4.87		25	L-02	†
Acrylonitrile	8.93	5.0	µg/L	10.0		89.3		70-130	1.56		25		
tert-Amyl Methyl Ether (TAME)	7.51	0.50	µg/L	10.0		75.1		70-130	4.55		25		
Benzene	9.65	1.0	µg/L	10.0		96.5		70-130	4.06		25		
Bromobenzene	9.92	1.0	µg/L	10.0		99.2		70-130	1.12		25		
Bromochloromethane	12.9	1.0	µg/L	10.0		129		70-130	4.11		25		
Bromodichloromethane	9.41	0.50	µg/L	10.0		94.1		70-130	4.37		25		
Bromoform	7.95	1.0	µg/L	10.0		79.5		70-130	3.70		25		
Bromomethane	3.36	2.0	µg/L	10.0		**33.6**	*	40-160	**30.1**	*	25	L-04, R-05, V-05	†
2-Butanone (MEK)	127	20	µg/L	100		127		40-160	9.26		25		†
tert-Butyl Alcohol (TBA)	63.0	20	µg/L	100		63.0		40-160	8.23		25	V-05	†
n-Butylbenzene	10.3	1.0	µg/L	10.0		103		70-130	0.581		25		
sec-Butylbenzene	10.5	1.0	µg/L	10.0		105		70-130	0.382		25		
tert-Butylbenzene	9.56	1.0	µg/L	10.0		95.6		70-130	1.97		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 B111203 - SW-846 5030B											
LCS Dup (B111203-BSD1)				Prepared & Analyzed: 12/07/14							
tert-Butyl Ethyl Ether (TBEE)	8.69	0.50	µg/L	10.0		86.9	70-130	0.688	25		
Carbon Disulfide	11.2	4.0	µg/L	10.0		112	70-130	0.0897	25		
Carbon Tetrachloride	9.53	5.0	µg/L	10.0		95.3	70-130	1.87	25		
Chlorobenzene	10.0	1.0	µg/L	10.0		100	70-130	2.17	25		
Chlorodibromomethane	8.58	0.50	µg/L	10.0		85.8	70-130	2.42	25		
Chloroethane	10.2	2.0	µg/L	10.0		102	70-130	1.46	25		
Chloroform	10.7	2.0	µg/L	10.0		107	70-130	1.41	25		
Chloromethane	7.43	2.0	µg/L	10.0		74.3	40-160	5.96	25		†
2-Chlorotoluene	10.5	1.0	µg/L	10.0		105	70-130	2.36	25		
4-Chlorotoluene	10.5	1.0	µg/L	10.0		105	70-130	1.42	25		
1,2-Dibromo-3-chloropropane (DBCP)	7.90	5.0	µg/L	10.0		79.0	70-130	9.06	25	V-05	
1,2-Dibromoethane (EDB)	9.10	0.50	µg/L	10.0		91.0	70-130	5.66	25		
Dibromomethane	10.6	1.0	µg/L	10.0		106	70-130	0.943	25		
1,2-Dichlorobenzene	9.89	1.0	µg/L	10.0		98.9	70-130	0.00	25		
1,3-Dichlorobenzene	9.69	1.0	µg/L	10.0		96.9	70-130	0.617	25		
1,4-Dichlorobenzene	10.0	1.0	µg/L	10.0		100	70-130	1.20	25		
trans-1,4-Dichloro-2-butene	7.49	2.0	µg/L	10.0		74.9	70-130	9.29	25		
Dichlorodifluoromethane (Freon 12)	4.98	2.0	µg/L	10.0		49.8	40-160	5.15	25		†
1,1-Dichloroethane	10.9	1.0	µg/L	10.0		109	70-130	0.275	25		
1,2-Dichloroethane	10.6	1.0	µg/L	10.0		106	70-130	3.14	25		
1,1-Dichloroethylene	11.7	1.0	µg/L	10.0		117	70-130	0.427	25		
cis-1,2-Dichloroethylene	10.5	1.0	µg/L	10.0		105	70-130	0.477	25		
trans-1,2-Dichloroethylene	10.8	1.0	µg/L	10.0		108	70-130	0.279	25		
1,2-Dichloropropane	9.54	1.0	µg/L	10.0		95.4	70-130	1.66	25		
1,3-Dichloropropane	9.03	0.50	µg/L	10.0		90.3	70-130	0.662	25		
2,2-Dichloropropane	7.21	1.0	µg/L	10.0		72.1	40-130	7.48	25		†
1,1-Dichloropropene	9.56	2.0	µg/L	10.0		95.6	70-130	6.58	25		
cis-1,3-Dichloropropene	8.42	0.50	µg/L	10.0		84.2	70-130	5.21	25		
trans-1,3-Dichloropropene	8.47	0.50	µg/L	10.0		84.7	70-130	3.14	25		
Diethyl Ether	10.7	2.0	µg/L	10.0		107	70-130	3.04	25		
Diisopropyl Ether (DIPE)	10.1	0.50	µg/L	10.0		101	70-130	2.92	25		
1,4-Dioxane	121	50	µg/L	100		121	40-130	8.32	50		† ‡
Ethylbenzene	9.72	1.0	µg/L	10.0		97.2	70-130	1.83	25		
Hexachlorobutadiene	10.8	0.50	µg/L	10.0		108	70-130	1.65	25	B	
2-Hexanone (MBK)	129	10	µg/L	100		129	70-160	9.61	25		†
Isopropylbenzene (Cumene)	9.94	1.0	µg/L	10.0		99.4	70-130	1.00	25		
p-Isopropyltoluene (p-Cymene)	10.2	1.0	µg/L	10.0		102	70-130	0.972	25		
Methyl tert-Butyl Ether (MTBE)	8.15	1.0	µg/L	10.0		81.5	70-130	6.18	25		
Methylene Chloride	11.4	5.0	µg/L	10.0		114	70-130	7.05	25		
4-Methyl-2-pentanone (MIBK)	91.3	10	µg/L	100		91.3	70-160	8.78	25		†
Naphthalene	9.35	2.0	µg/L	10.0		93.5	40-130	5.01	25		†
n-Propylbenzene	11.0	1.0	µg/L	10.0		110	70-130	1.18	25		
Styrene	10.6	1.0	µg/L	10.0		106	70-130	2.10	25		
1,1,1,2-Tetrachloroethane	8.45	1.0	µg/L	10.0		84.5	70-130	3.49	25		
1,1,2,2-Tetrachloroethane	8.46	0.50	µg/L	10.0		84.6	70-130	1.64	25		
Tetrachloroethylene	10.0	1.0	µg/L	10.0		100	70-130	3.53	25		
Tetrahydrofuran	8.91	10	µg/L	10.0		89.1	70-130	11.8	25		
Toluene	11.2	1.0	µg/L	10.0		112	70-130	3.00	25		
1,2,3-Trichlorobenzene	10.1	5.0	µg/L	10.0		101	70-130	2.92	25		
1,2,4-Trichlorobenzene	10.0	1.0	µg/L	10.0		100	70-130	0.399	25		
1,3,5-Trichlorobenzene	9.99	1.0	µg/L	10.0		99.9	70-130	3.26	25		
1,1,1-Trichloroethane	9.69	1.0	µg/L	10.0		96.9	70-130	3.15	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 B111203 - SW-846 5030B										
LCS Dup (B111203-BSD1)				Prepared & Analyzed: 12/07/14						
1,1,2-Trichloroethane	8.92	1.0	µg/L	10.0		89.2	70-130	8.07	25	
Trichloroethylene	8.84	1.0	µg/L	10.0		88.4	70-130	6.67	25	
Trichlorofluoromethane (Freon 11)	11.4	2.0	µg/L	10.0		114	70-130	0.963	25	
1,2,3-Trichloropropane	8.30	2.0	µg/L	10.0		83.0	70-130	6.30	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7	1.0	µg/L	10.0		107	70-130	1.86	25	
1,2,4-Trimethylbenzene	9.19	1.0	µg/L	10.0		91.9	70-130	3.11	25	
1,3,5-Trimethylbenzene	10.3	1.0	µg/L	10.0		103	70-130	0.0967	25	
Vinyl Chloride	7.50	2.0	µg/L	10.0		75.0	40-160	1.19	25	†
m+p Xylene	21.2	2.0	µg/L	20.0		106	70-130	0.0472	25	
o-Xylene	10.5	1.0	µg/L	10.0		105	70-130	0.856	25	
Surrogate: 1,2-Dichloroethane-d4	*26.1*		µg/L	25.0		104	70-130			
Surrogate: Toluene-d8	*28.4*		µg/L	25.0		114	70-130			
Surrogate: 4-Bromofluorobenzene	*25.3*		µg/L	25.0		101	70-130			
Batch B111218 - SW-846 5030B										
Blank (B111218-BLK1)				Prepared & Analyzed: 12/08/14						
Acetone	ND	50	µg/L							V-05
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							R-05, V-05
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							R-05, V-05
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							R-05
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	2.0	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							V-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							
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	1.0	µg/L							
1,1-Dichloroethylene	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 B111218 - SW-846 5030B										
Blank (B111218-BLK1)				Prepared & Analyzed: 12/08/14						
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							
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							
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	*22.4*		µg/L	25.0		89.8	70-130			
Surrogate: Toluene-d8	*26.8*		µg/L	25.0		107	70-130			
Surrogate: 4-Bromofluorobenzene	*26.2*		µg/L	25.0		105	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 B111218 - SW-846 5030B												
LCS (B111218-BS1)				Prepared & Analyzed: 12/08/14								
Acetone	180	50	µg/L	100		**180**	*	70-160			L-07, V-05	†
Acrylonitrile	12.7	5.0	µg/L	10.0		127		70-130				
tert-Amyl Methyl Ether (TAME)	10.2	0.50	µg/L	10.0		102		70-130			R-05, V-05	
Benzene	11.3	1.0	µg/L	10.0		113		70-130				
Bromobenzene	9.66	1.0	µg/L	10.0		96.6		70-130				
Bromochloromethane	12.4	1.0	µg/L	10.0		124		70-130				
Bromodichloromethane	10.4	0.50	µg/L	10.0		104		70-130				
Bromoform	10.8	1.0	µg/L	10.0		108		70-130				
Bromomethane	4.76	2.0	µg/L	10.0		47.6		40-160				†
2-Butanone (MEK)	180	20	µg/L	100		**180**	*	40-160			L-07	†
tert-Butyl Alcohol (TBA)	97.1	20	µg/L	100		97.1		40-160			R-05, V-05	†
n-Butylbenzene	10.2	1.0	µg/L	10.0		102		70-130				
sec-Butylbenzene	10.4	1.0	µg/L	10.0		104		70-130				
tert-Butylbenzene	10.3	1.0	µg/L	10.0		103		70-130				
tert-Butyl Ethyl Ether (TBEE)	11.4	0.50	µg/L	10.0		114		70-130			R-05	
Carbon Disulfide	11.8	4.0	µg/L	10.0		118		70-130				
Carbon Tetrachloride	10.2	5.0	µg/L	10.0		102		70-130				
Chlorobenzene	9.92	1.0	µg/L	10.0		99.2		70-130				
Chlorodibromomethane	10.3	0.50	µg/L	10.0		103		70-130				
Chloroethane	10.2	2.0	µg/L	10.0		102		70-130				
Chloroform	10.6	2.0	µg/L	10.0		106		70-130				
Chloromethane	5.15	2.0	µg/L	10.0		51.5		40-160				†
2-Chlorotoluene	9.87	1.0	µg/L	10.0		98.7		70-130				
4-Chlorotoluene	9.41	1.0	µg/L	10.0		94.1		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	10.8	5.0	µg/L	10.0		108		70-130			V-05	
1,2-Dibromoethane (EDB)	10.7	0.50	µg/L	10.0		107		70-130				
Dibromomethane	10.2	1.0	µg/L	10.0		102		70-130				
1,2-Dichlorobenzene	10.1	1.0	µg/L	10.0		101		70-130				
1,3-Dichlorobenzene	10.0	1.0	µg/L	10.0		100		70-130				
1,4-Dichlorobenzene	9.94	1.0	µg/L	10.0		99.4		70-130				
trans-1,4-Dichloro-2-butene	11.4	2.0	µg/L	10.0		114		70-130				
Dichlorodifluoromethane (Freon 12)	4.05	2.0	µg/L	10.0		40.5		40-160				†
1,1-Dichloroethane	11.5	1.0	µg/L	10.0		115		70-130				
1,2-Dichloroethane	8.82	1.0	µg/L	10.0		88.2		70-130				
1,1-Dichloroethylene	10.3	1.0	µg/L	10.0		103		70-130				
cis-1,2-Dichloroethylene	11.1	1.0	µg/L	10.0		111		70-130				
trans-1,2-Dichloroethylene	11.5	1.0	µg/L	10.0		115		70-130				
1,2-Dichloropropane	11.4	1.0	µg/L	10.0		114		70-130				
1,3-Dichloropropane	10.4	0.50	µg/L	10.0		104		70-130				
2,2-Dichloropropane	9.85	1.0	µg/L	10.0		98.5		40-130				†
1,1-Dichloropropene	11.2	2.0	µg/L	10.0		112		70-130				
cis-1,3-Dichloropropene	11.3	0.50	µg/L	10.0		113		70-130				
trans-1,3-Dichloropropene	11.7	0.50	µg/L	10.0		117		70-130				
Diethyl Ether	11.1	2.0	µg/L	10.0		111		70-130				
Diisopropyl Ether (DIPE)	12.1	0.50	µg/L	10.0		121		70-130				
1,4-Dioxane	122	50	µg/L	100		122		40-130				†
Ethylbenzene	10.0	1.0	µg/L	10.0		100		70-130				
Hexachlorobutadiene	9.66	0.50	µg/L	10.0		96.6		70-130				
2-Hexanone (MBK)	161	10	µg/L	100		**161**	*	70-160			L-07	†
Isopropylbenzene (Cumene)	9.79	1.0	µg/L	10.0		97.9		70-130				
p-Isopropyltoluene (p-Cymene)	10.1	1.0	µg/L	10.0		101		70-130				
Methyl tert-Butyl Ether (MTBE)	11.5	1.0	µg/L	10.0		115		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 B111218 - SW-846 5030B													
LCS (B111218-BS1)				Prepared & Analyzed: 12/08/14									
Methylene Chloride	12.7	5.0	µg/L	10.0		127		70-130					
4-Methyl-2-pentanone (MIBK)	115	10	µg/L	100		115		70-160					†
Naphthalene	11.9	2.0	µg/L	10.0		119		40-130					†
n-Propylbenzene	10.1	1.0	µg/L	10.0		101		70-130					
Styrene	10.0	1.0	µg/L	10.0		100		70-130					
1,1,1,2-Tetrachloroethane	10.3	1.0	µg/L	10.0		103		70-130					
1,1,2,2-Tetrachloroethane	10.1	0.50	µg/L	10.0		101		70-130					
Tetrachloroethylene	10.3	1.0	µg/L	10.0		103		70-130					
Tetrahydrofuran	12.3	10	µg/L	10.0		123		70-130					
Toluene	9.92	1.0	µg/L	10.0		99.2		70-130					
1,2,3-Trichlorobenzene	10.8	5.0	µg/L	10.0		108		70-130					
1,2,4-Trichlorobenzene	10.2	1.0	µg/L	10.0		102		70-130					
1,3,5-Trichlorobenzene	9.78	1.0	µg/L	10.0		97.8		70-130					
1,1,1-Trichloroethane	10.3	1.0	µg/L	10.0		103		70-130					
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.0		104		70-130					
Trichloroethylene	10.2	1.0	µg/L	10.0		102		70-130					
Trichlorofluoromethane (Freon 11)	7.61	2.0	µg/L	10.0		76.1		70-130					
1,2,3-Trichloropropane	10.3	2.0	µg/L	10.0		103		70-130					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1	1.0	µg/L	10.0		101		70-130					
1,2,4-Trimethylbenzene	10.2	1.0	µg/L	10.0		102		70-130					
1,3,5-Trimethylbenzene	9.32	1.0	µg/L	10.0		93.2		70-130					
Vinyl Chloride	6.33	2.0	µg/L	10.0		63.3		40-160					†
m+p Xylene	19.8	2.0	µg/L	20.0		99.0		70-130					
o-Xylene	9.95	1.0	µg/L	10.0		99.5		70-130					
Surrogate: 1,2-Dichloroethane-d4	*24.9*		µg/L	25.0		99.6		70-130					
Surrogate: Toluene-d8	*26.3*		µg/L	25.0		105		70-130					
Surrogate: 4-Bromofluorobenzene	*25.2*		µg/L	25.0		101		70-130					
LCS Dup (B111218-BSD1)				Prepared & Analyzed: 12/08/14									
Acetone	150	50	µg/L	100		150		70-160	17.9		25	V-05	†
Acrylonitrile	10.3	5.0	µg/L	10.0		103		70-130	21.1		25		
tert-Amyl Methyl Ether (TAME)	6.11	0.50	µg/L	10.0		**61.1**	*	70-130	**50.0**	*	25	R-05, V-05, L-07A	
Benzene	10.6	1.0	µg/L	10.0		106		70-130	6.66		25		
Bromobenzene	9.56	1.0	µg/L	10.0		95.6		70-130	1.04		25		
Bromochloromethane	12.1	1.0	µg/L	10.0		121		70-130	2.37		25		
Bromodichloromethane	10.1	0.50	µg/L	10.0		101		70-130	3.31		25		
Bromoform	9.74	1.0	µg/L	10.0		97.4		70-130	10.8		25		
Bromomethane	4.38	2.0	µg/L	10.0		43.8		40-160	8.32		25		†
2-Butanone (MEK)	146	20	µg/L	100		146		40-160	21.1		25		†
tert-Butyl Alcohol (TBA)	71.2	20	µg/L	100		71.2		40-160	**30.8**	*	25	R-05, V-05	†
n-Butylbenzene	9.60	1.0	µg/L	10.0		96.0		70-130	6.35		25		
sec-Butylbenzene	9.90	1.0	µg/L	10.0		99.0		70-130	4.64		25		
tert-Butylbenzene	9.77	1.0	µg/L	10.0		97.7		70-130	5.48		25		
tert-Butyl Ethyl Ether (TBEE)	7.70	0.50	µg/L	10.0		77.0		70-130	**39.1**	*	25	R-05	
Carbon Disulfide	11.5	4.0	µg/L	10.0		115		70-130	3.01		25		
Carbon Tetrachloride	9.79	5.0	µg/L	10.0		97.9		70-130	3.61		25		
Chlorobenzene	9.79	1.0	µg/L	10.0		97.9		70-130	1.32		25		
Chlorodibromomethane	9.83	0.50	µg/L	10.0		98.3		70-130	4.86		25		
Chloroethane	9.93	2.0	µg/L	10.0		99.3		70-130	2.49		25		
Chloroform	10.1	2.0	µg/L	10.0		101		70-130	4.25		25		
Chloromethane	5.93	2.0	µg/L	10.0		59.3		40-160	14.1		25		†
2-Chlorotoluene	9.66	1.0	µg/L	10.0		96.6		70-130	2.15		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 B111218 - SW-846 5030B											
LCS Dup (B111218-BSD1)				Prepared & Analyzed: 12/08/14							
4-Chlorotoluene	9.55	1.0	µg/L	10.0		95.5	70-130	1.48	25		
1,2-Dibromo-3-chloropropane (DBCP)	8.79	5.0	µg/L	10.0		87.9	70-130	20.2	25	V-05	
1,2-Dibromoethane (EDB)	9.39	0.50	µg/L	10.0		93.9	70-130	12.8	25		
Dibromomethane	9.45	1.0	µg/L	10.0		94.5	70-130	7.34	25		
1,2-Dichlorobenzene	9.47	1.0	µg/L	10.0		94.7	70-130	6.73	25		
1,3-Dichlorobenzene	9.56	1.0	µg/L	10.0		95.6	70-130	5.00	25		
1,4-Dichlorobenzene	9.53	1.0	µg/L	10.0		95.3	70-130	4.21	25		
trans-1,4-Dichloro-2-butene	9.32	2.0	µg/L	10.0		93.2	70-130	20.2	25		
Dichlorodifluoromethane (Freon 12)	4.09	2.0	µg/L	10.0		40.9	40-160	0.983	25		†
1,1-Dichloroethane	11.2	1.0	µg/L	10.0		112	70-130	2.81	25		
1,2-Dichloroethane	8.28	1.0	µg/L	10.0		82.8	70-130	6.32	25		
1,1-Dichloroethylene	10.3	1.0	µg/L	10.0		103	70-130	0.485	25		
cis-1,2-Dichloroethylene	11.0	1.0	µg/L	10.0		110	70-130	0.902	25		
trans-1,2-Dichloroethylene	10.8	1.0	µg/L	10.0		108	70-130	6.48	25		
1,2-Dichloropropane	10.9	1.0	µg/L	10.0		109	70-130	4.47	25		
1,3-Dichloropropane	9.78	0.50	µg/L	10.0		97.8	70-130	6.53	25		
2,2-Dichloropropane	7.66	1.0	µg/L	10.0		76.6	40-130	25.0	25		†
1,1-Dichloropropene	10.6	2.0	µg/L	10.0		106	70-130	4.86	25		
cis-1,3-Dichloropropene	10.3	0.50	µg/L	10.0		103	70-130	9.23	25		
trans-1,3-Dichloropropene	10.4	0.50	µg/L	10.0		104	70-130	11.3	25		
Diethyl Ether	10.2	2.0	µg/L	10.0		102	70-130	9.12	25		
Diisopropyl Ether (DIPE)	11.7	0.50	µg/L	10.0		117	70-130	4.03	25		
1,4-Dioxane	118	50	µg/L	100		118	40-130	3.71	50		† ‡
Ethylbenzene	9.85	1.0	µg/L	10.0		98.5	70-130	2.01	25		
Hexachlorobutadiene	9.02	0.50	µg/L	10.0		90.2	70-130	6.85	25		
2-Hexanone (MBK)	138	10	µg/L	100		138	70-160	15.4	25		†
Isopropylbenzene (Cumene)	9.71	1.0	µg/L	10.0		97.1	70-130	0.821	25		
p-Isopropyltoluene (p-Cymene)	9.63	1.0	µg/L	10.0		96.3	70-130	5.06	25		
Methyl tert-Butyl Ether (MTBE)	8.97	1.0	µg/L	10.0		89.7	70-130	24.5	25		
Methylene Chloride	12.7	5.0	µg/L	10.0		127	70-130	0.00	25		
4-Methyl-2-pentanone (MIBK)	98.2	10	µg/L	100		98.2	70-160	16.0	25		†
Naphthalene	9.51	2.0	µg/L	10.0		95.1	40-130	22.6	25		†
n-Propylbenzene	9.97	1.0	µg/L	10.0		99.7	70-130	1.39	25		
Styrene	9.85	1.0	µg/L	10.0		98.5	70-130	1.71	25		
1,1,1,2-Tetrachloroethane	9.89	1.0	µg/L	10.0		98.9	70-130	3.96	25		
1,1,2,2-Tetrachloroethane	8.98	0.50	µg/L	10.0		89.8	70-130	11.3	25		
Tetrachloroethylene	9.79	1.0	µg/L	10.0		97.9	70-130	5.08	25		
Tetrahydrofuran	11.4	10	µg/L	10.0		114	70-130	7.48	25		
Toluene	9.50	1.0	µg/L	10.0		95.0	70-130	4.33	25		
1,2,3-Trichlorobenzene	9.16	5.0	µg/L	10.0		91.6	70-130	16.8	25		
1,2,4-Trichlorobenzene	9.15	1.0	µg/L	10.0		91.5	70-130	11.2	25		
1,3,5-Trichlorobenzene	9.18	1.0	µg/L	10.0		91.8	70-130	6.33	25		
1,1,1-Trichloroethane	9.77	1.0	µg/L	10.0		97.7	70-130	5.48	25		
1,1,2-Trichloroethane	9.44	1.0	µg/L	10.0		94.4	70-130	10.1	25		
Trichloroethylene	9.76	1.0	µg/L	10.0		97.6	70-130	3.92	25		
Trichlorofluoromethane (Freon 11)	7.48	2.0	µg/L	10.0		74.8	70-130	1.72	25		
1,2,3-Trichloropropane	8.88	2.0	µg/L	10.0		88.8	70-130	14.4	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.94	1.0	µg/L	10.0		99.4	70-130	1.20	25		
1,2,4-Trimethylbenzene	9.75	1.0	µg/L	10.0		97.5	70-130	4.51	25		
1,3,5-Trimethylbenzene	9.29	1.0	µg/L	10.0		92.9	70-130	0.322	25		
Vinyl Chloride	6.18	2.0	µg/L	10.0		61.8	40-160	2.40	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 B111218 - SW-846 5030B										
LCS Dup (B111218-BSD1)				Prepared & Analyzed: 12/08/14						
m+p Xylene	19.5	2.0	µg/L	20.0		97.4	70-130	1.63	25	
o-Xylene	9.87	1.0	µg/L	10.0		98.7	70-130	0.807	25	
Surrogate: 1,2-Dichloroethane-d4	*24.0*		µg/L	25.0		95.8	70-130			
Surrogate: Toluene-d8	*26.6*		µg/L	25.0		106	70-130			
Surrogate: 4-Bromofluorobenzene	*25.9*		µg/L	25.0		104	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 B110709 - SW-846 3510C										
Blank (B110709-BLK1)				Prepared: 12/01/14 Analyzed: 12/04/14						
TPH (C9-C36)	ND	0.20	mg/L							
Surrogate: o-Terphenyl	*0.0897*		mg/L	0.100		89.7	40-140			
LCS (B110709-BS1)				Prepared: 12/01/14 Analyzed: 12/04/14						
Fuel Oil #2	0.720	0.20	mg/L	1.00		72.0	40-140			
Surrogate: o-Terphenyl	*0.0852*		mg/L	0.100		85.2	40-140			
LCS Dup (B110709-BSD1)				Prepared: 12/01/14 Analyzed: 12/04/14						
Fuel Oil #2	0.691	0.20	mg/L	1.00		69.1	40-140	4.04	25	
Surrogate: o-Terphenyl	*0.0937*		mg/L	0.100		93.7	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 B110682 - SW-846 3005A Dissolved										
Blank (B110682-BLK1)				Prepared: 11/29/14 Analyzed: 12/01/14						
Lead	ND	0.010	mg/L							
LCS (B110682-BS1)				Prepared: 11/29/14 Analyzed: 12/01/14						
Lead	1.98	0.010	mg/L	2.00		98.9	80-120			
LCS Dup (B110682-BSD1)				Prepared: 11/29/14 Analyzed: 12/01/14						
Lead	1.96	0.010	mg/L	2.00		97.9	80-120	1.06	20	
Duplicate (B110682-DUP1)	**Source: 14K1125-01**			Prepared: 11/29/14 Analyzed: 12/01/14						
Lead	ND	0.010	mg/L		ND			NC	20	
Matrix Spike (B110682-MS1)	**Source: 14K1125-01**			Prepared: 11/29/14 Analyzed: 12/01/14						
Lead	1.93	0.010	mg/L	2.00	ND	96.6	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.
B	Analyte is found in the associated blank as well as in the sample.
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.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
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.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
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-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.
Z-01	Sample contamination does not match any reference standard. Majority of contamination falls within C12-C32 of the hydrocarbon range.

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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	09/6/2015

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39 Spruce Street
East longmeadow, MA 01028

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:

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"

								VOCs by EPA 8260B	TPH	Dissolved Lead
# of Containers								3	2	1
** Preservation								H	I	N
***Container Code								V	A	P
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			
01	MW 109 D	11.24.14	0930		✓	GW	U	3		1
02	GZA-3	11.24.14	1000		✓	↓	↓	3		1
03	GZA-3 DUP	11.24.14	1000		✓	↓	↓			1
04	CW-6	11.24.14	1100		✓	↓	↓		2	
05	CW-6 DUP	11.24.14	1100		✓	↓	↓		2	
06	CW-2	11.24.14	1130		✓	↓	↓	3		
07	CW-1	11.24.14	1200		✓	↓	↓	3		
08	MW 216 S	11.24.14	1300		✓	↓	↓	3		
09	MW 216 D	11.24.14	1330		✓	↓	↓	3		
10	MW 217 S	11.24.14	1430		✓	↓	↓	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
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X = Na hydroxide
T = Na thiosulfate
O = Other ____

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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:
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Relinquished by: (signature)	Date/Time:
Relinquished by: (signature)	11.25.14
Received by: (signature)	11/25/14
Relinquished by: (signature)	11/25/14
Received by: (signature)	11/25/14 1231

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 INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

11/25/14 640 2.9°C 11/25/14 1840

Table of Contents

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

14K1125
Rev 04.05.12

39 Spruce Street
East longmeadow, MA 01028

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

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

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	H	V			
								2	I	A			
								1	N	P			
11	MW-207S		11/24/14 0945		✓	GW	U	3					
12	MW-207D		11/24/14 1000					3					
13	MW-202S		11/24/14 1030					3					
14	MW-202D		11/24/14 1100					3					
15	MW-101S		11/24/14 1130					3					
16	MW-101S DUP		11/24/14 1130					3					
17	MW-101D		11/24/14 1200					3					
18	MW-209D		11/24/14 1230					3					
19	MW-201D		11/24/14 1300					3					
20	MW-112		11/24/14 1330		✓	✓	✓	3					

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11/25/14 0940 Joseph Smith 2.9°C 11/25/14 1840

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14K1125

Rev 04.05.12

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								3	2	1						# of Containers
								H	I	N						** Preservation
								V	A	P						***Container Code
								ANALYSIS REQUESTED								
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	VOCs by EPA 8260B	TPH	Dissolved Lead						
21	MW-218S		11/24/14	1400	G	GW	U	3								
22	MW-218D		11/24/14	1430	↓	↓	↓	3								
23	MW-116S		11/24/14	1500	↓	↓	↓	3								
24	MW-116D		11/24/14	1530	↓	↓	↓	3								
25 PL	MW-217D		11/24/14	1500	↓	↓	↓	3								

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Signature	Date/Time
Relinquished by: (signature) [signature]	Date/Time: 11/25/14 0530
Received by: (signature) V. Sasso	Date/Time: 11/25/14
Relinquished by: (signature) V. Sasso	Date/Time: 11/25/14
Received by: (signature) [signature]	Date/Time: 11/25/14 1230

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11/25/14 6.4° Joseph Smith 2.9°C 11/25/14 1840

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www.contestlabs.com

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: CB+I Environmental RECEIVED BY: JDL DATE: 11/25/14

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 _____ Temperature °C by Temp gun 2.9

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	68	Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl 68 # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

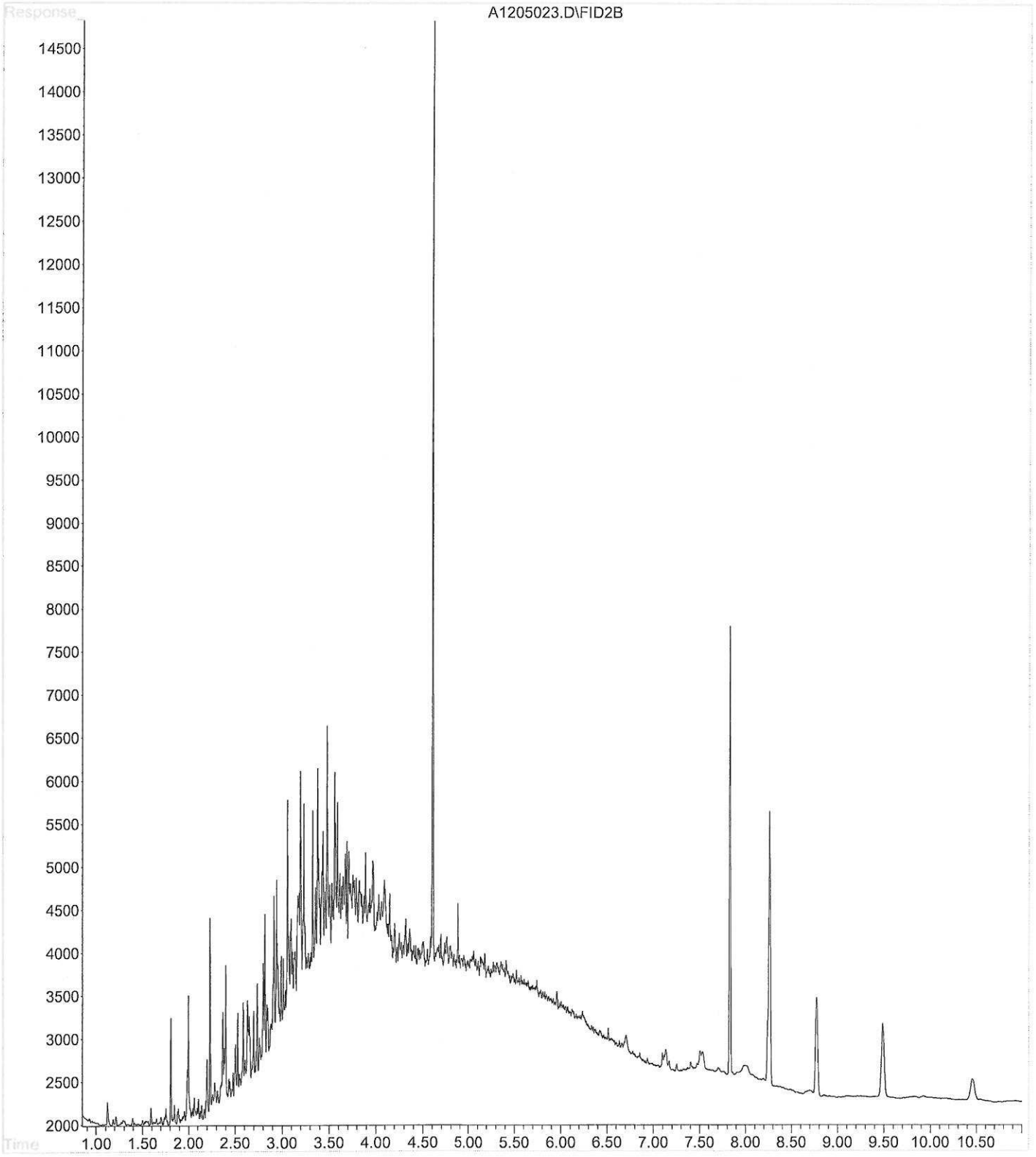
Any False statement will be brought to the attention of Client

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:** JDL **Date/Time:** 11/25/14 1840

File : D:\HPCHEM\1\DATA\A120514.SEC\A1205023.D
Operator : SCS
Acquired : 5 Dec 2014 1:07 pm using AcqMethod ETPH06.M
Instrument : 5890DFID
Sample Name: 14K1125-04@10X
Misc Info :
Vial Number: 21



File : D:\HPCHEM\1\DATA\A120514.SEC\A1205025.D
Operator : SCS
Acquired : 5 Dec 2014 1:25 pm using AcqMethod ETPH06.M
Instrument : 5890DFID
Sample Name: 14K1125-05@10X
Misc Info :
Vial Number: 23