

September 19, 2011  
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: August 2011 Activities  
Former Gorham Manufacturing Facility  
333 Adelaide Avenue, Providence, RI  
Site Remediation Case No. 97-030**

Dear Mr. Martella:

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

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

This status report describes groundwater monitoring activities conducted in accordance with the proposed groundwater monitoring program submitted to the Rhode Island Department of Environmental Management (RIDEM) in February 2007 (Shaw – Groundwater Monitoring Program letter, dated February 1, 2007).

## **FIELD ACTIVITIES**

The following field activities were conducted on August 23, 2011.

### Monitoring Activities

Field parameters were measured in treatment area wells and compliance wells on August 23, 2011. 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. During the synchronous gauging, light non-aqueous phase liquid (LNAPL) was detected in MW-221S at a thickness of 1.18 feet. Field parameter and gauging results are presented in Tables 1 and 2.

### Groundwater Sampling

Groundwater samples were collected for analysis for volatile organic compounds (VOCs) (EPA Method 8260B) on August 23, 2011 from 22 monitoring wells within and around the treatment area, including 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 B) from monitoring well CW-6. One duplicate sample was collected from CW-6 (CW-6 DUP) for TPH analysis. Samples were collected for lead analysis (EPA Method 6010B) from monitoring wells MW-109D and GZA-3. One duplicate sample was collected from GZA-3 (GZA-3 DUP) for lead analysis. Groundwater samples were delivered to AMRO Environmental Laboratories Corporation in Merrimack, New Hampshire for analysis.

## **SUMMARY OF ANALYTICAL DATA**

A summary of the analytical data associated with the groundwater sampling conducted in August 2011 is contained in Table 3. A copy of the laboratory analytical report is attached to this report. The PCE concentration found in well MW-201D was above the treatment goal at a concentration of 8,400 ug/L.

A summary of the compliance well results is contained in Table 4. The results for the TPH Remediation Area Well indicate an exceedance of the compliance standard for the primary sample. The results for the Adelaide Avenue Wells for MW-112, MW-209D, and MW-218D indicate exceedances for PCE. Due to sample dilution by the laboratory, the reporting limit for 1,1-dichloroethene and vinyl chloride exceed the compliance standard for wells MW-209D and MW-218D.

## **FUTURE ACTIVITIES**

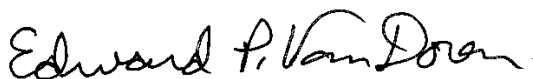
The next sampling event is scheduled for February 2012.

Mr. Joseph T. Martella, II  
September 19, 2011  
Page 3 of 4

If you have any questions regarding this report, please contact Ed Van Doren at (603) 870-4530.

Sincerely,

**SHAW ENVIRONMENTAL, INC.**



Edward P. Van Doren  
Project Manager

Attachments:

Figures

Figure 1 – Site Plan

Figure 2 – Injection Well Locations

Tables

Table 1 – Summary Field Parameters

Table 2 – Groundwater Elevations

Table 3 – VOCs in Groundwater

Table 4 – Compliance Wells Analytical Results

Laboratory Analytical Report

cc: Craig Roy, RIDEM OWR  
Greg Simpson, Textron  
Jamieson Schiff, Textron  
Dave Heislein, MACTEC  
Thomas Dellar, City of Providence  
Jeff Morgan, Stop & Shop  
Ronald Ruth, Sherin and Lodgen

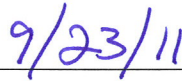
## CERTIFICATIONS

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

I, Edward P. Van Doren, as an authorized representative of Shaw Environmental, Inc. and the person responsible for the preparation of this Status Report dated September 19, 2011, certify that the information contained in this report is complete and accurate to the best of my knowledge.



Edward P. Van Doren  
Project Manager



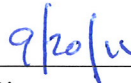
Date:

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.

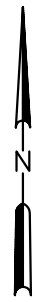
Certification on behalf of Textron Inc.



Gregory L. Simpson  
Project Manager

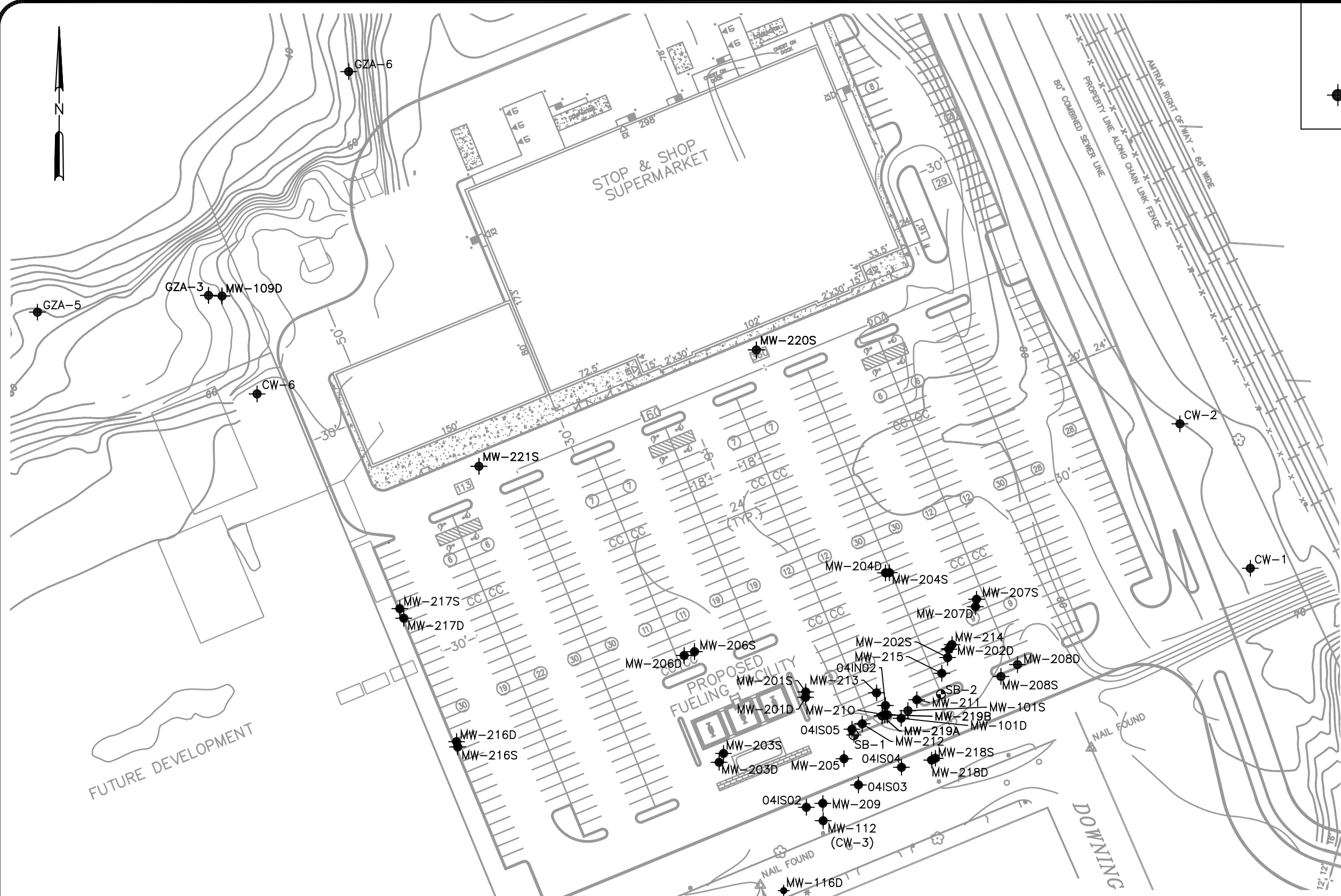


Date:



LEGEND

MW-101S MONITORING WELL



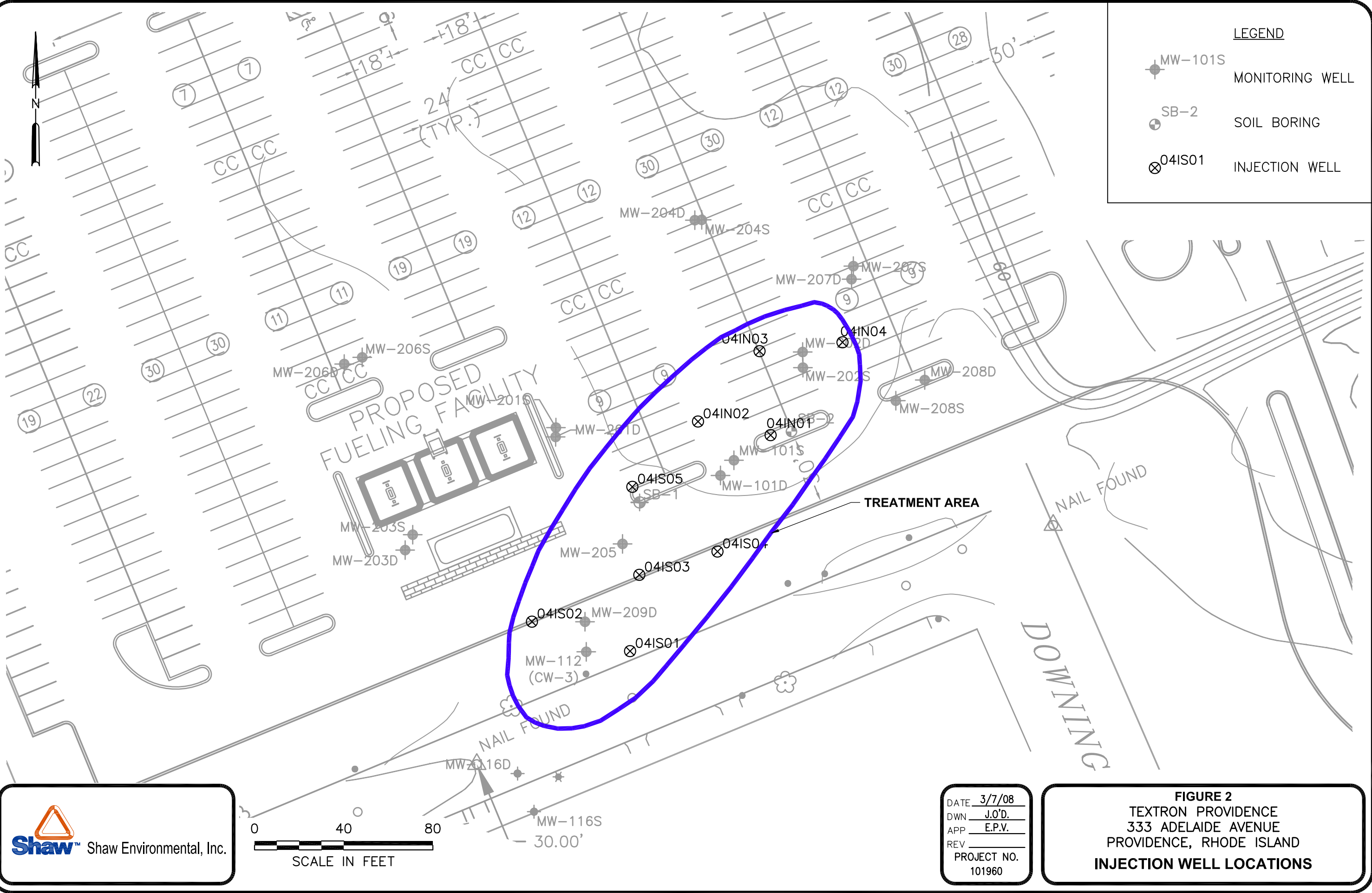
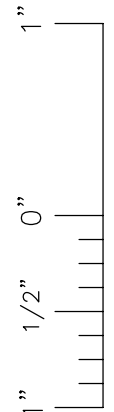
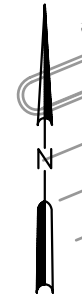
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DWN	J.O'D.
APP	
REV	
PROJECT NO.	101960

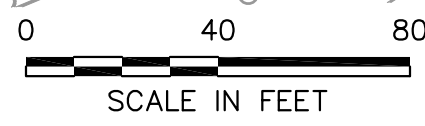
FIGURE 1  
TEXTRON PROVIDENCE  
333 ADELAIDE AVENUE  
PROVIDENCE, RHODE ISLAND  
SITE PLAN

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Layout: Inj\_well



**LEGEND**

	MW-101S	MONITORING WELL
	SB-2	SOIL BORING
	04IS01	INJECTION WELL



DATE	3/7/08
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**

**Table 1**  
**Summary Field Parameters**  
**August 2011**

**Former Gorham Manufacturing Facility**  
**Providence, Rhode Island**

<b>Well ID</b>	<b>DATE</b>	<b>pH</b>	<b>Temperature (deg. C°)</b>	<b>Conductivity (mS/cm)</b>	<b>Dissolved Oxygen (mg/L)</b>	<b>Oxidation Reduction Potential (mV)</b>
MW-101D	8/23/2011	4.84	14.76	0.028	1.27	198.2
MW-101S	8/23/2011	5.91	15.57	0.611	0.04	-84.1
MW-112	8/23/2011	5.77	13.61	0.539	5.46	113.4
MW-116D	8/23/2011	5.71	14.67	0.285	-2.43	465
MW-116S	8/23/2011	5.49	16.97	0.205	6.21	174.3
MW-201D	8/23/2011	6.42	14.24	0.642	5.77	221.2
MW-202D	8/23/2011	5.68	15.22	0.030	7.56	206.3
MW-202S	8/23/2011	5.61	14.41	0.191	4.00	183.8
MW-207D	8/23/2011	7.95	14.94	0.020	7.65	156.4
MW-207S	8/23/2011	6.67	15.78	0.553	2.25	242.1
MW-209D	8/23/2011	6.24	13.54	0.327	6.69	214.1
MW-216D	8/23/2011	6.14	14.29	0.394	2.17	95.0
MW-216S	8/23/2011	6.32	15.13	0.882	0.87	-98.3
MW-217D	8/23/2011	6.48	14.86	0.389	2.99	78.3
MW-217S	8/23/2011	6.38	14.17	0.775	0.68	-60.3
MW-218D	8/23/2011	5.79	12.7	0.123	0.95	194.4
MW-218S	8/23/2011	6.6	13.41	0.732	-16.31	46.5

Notes:  
C° = degrees Celsius  
mS/cm = millisiemens per centimeter  
mg/L = milligrams per liter  
mV = milli volts

**Table 2  
Groundwater Elevations  
August 2011**

**Former Gorham Manufacturing Facility  
Providence, Rhode Island**

<b>Well ID</b>	<b>Date</b>	<b>Reference Elevation (Feet)</b>	<b>Depth to Water (Feet)</b>	<b>LNAPL Thickness (Feet)</b>	<b>Groundwater Elevation (Feet)</b>
CW-01	8/23/2011	99.52	25.58	0	73.94
CW-02	8/23/2011	98.86	24.78	0	74.08
CW-06	8/23/2011	99.52	25.01	0	74.51
GZA-3	8/23/2011	NA	17.76	0	NA
MW-101D	8/23/2011	98.91	24.75	0	74.16
MW-101S	8/23/2011	98.90	24.75	0	74.15
MW-109D	8/23/2011	NA	17.18	0	NA
MW-112	8/23/2011	100.63	26.52	0	74.11
MW-116D	8/23/2011	98.92	24.83	0	74.09
MW-116S	8/23/2011	99.40	25.30	0	74.10
MW-201D	8/23/2011	98.80	24.69	0	74.11
MW-202D	8/23/2011	98.17	24.04	0	74.13
MW-202S	8/23/2011	98.06	23.95	0	74.11
MW-207D	8/23/2011	98.18	24.10	0	74.08
MW-207S	8/23/2011	98.28	24.20	0	74.08
MW-209D	8/23/2011	99.90	26.30	0	73.60
MW-216D	8/23/2011	98.69	25.53	0	73.16
MW-216S	8/23/2011	99.58	25.52	0	74.06
MW-217D	8/23/2011	98.65	24.97	0	73.68
MW-217S	8/23/2011	98.71	24.99	0	73.72
MW-218D	8/23/2011	99.67	25.51	0	74.16
MW-218S	8/23/2011	99.61	25.42	0	74.19
MW-220S	8/23/2011	99.41	25.35	0	74.06
MW-221S	8/23/2011	98.92	26.67	1.18	73.35
<p>Notes:            NM = Not Measured, under snow bank.            Groundwater elevations are based on an arbitrary reference datum established for the site.</p>					



**Table 3**  
**Groundwater Analytical Results**  
**August 2011**  
Former Gorham Manufacturing Facility  
Providence, Rhode Island

CONSTITUENT	CW-01 8/23/2011 Primary	CW-02 8/23/2011 Primary	CW-06 8/23/2011 Primary	CW-06 8/23/2011 Duplicate	GZA-3 8/23/2011 Primary	GZA-3 8/23/2011 Duplicate	MW-101D 8/23/2011 Primary	MW-101S 8/23/2011 Primary	MW-101S 8/23/2011 Duplicate	MW-109D 8/23/2011 Primary	MW-112 8/23/2011 Primary	MW-116D 8/23/2011 Primary	MW-116S 8/23/2011 Primary	MW-201D 8/23/2011 Primary	MW-202D 8/23/2011 Primary
<b>VOC (ug/L)</b>															
1,1-Dichloroethene	70	<1	---	---	1.1	---	<10	<1	<1	<1	<10	<1	<1	<10	<1
1,2,4-Trimethylbenzene	<40	<2	---	---	<2	---	<20	<2	<2	<2	<20	<2	<2	<20	<2
1,3,5-Trimethylbenzene	<40	<2	---	---	<2	---	<20	<2	<2	<2	<20	<2	<2	<20	<2
Acetone	<200	<10	---	---	<10	---	<100	<10	<10	<10	<100	<10	<10	<100	<10
Bromodichloromethane	<40	<2	---	---	<2	---	<20	<2	<2	<2	<20	<2	<2	<20	<2
Chloroform	<40	<2	---	---	<2	---	<20	9.2	8.2	<2	25	<2	<2	<20	16
cis-1,2-Dichloroethene	1600	<2	---	---	57	---	<20	3.3	3.1	<2	<20	<2	<2	<20	2.9
Ethylbenzene	<40	<2	---	---	<2	---	<20	<2	<2	<2	<20	<2	<2	<20	<2
Methyltert-butylether	<40	<2	---	---	13	---	<20	<2	<2	<2	<20	<2	<2	<20	<2
Naphthalene	<100	<5	---	---	<5	---	<50	<5	<5	<5	<50	<5	<5	<50	<5
Tetrachloroethene	<40	<2	---	---	<2	---	3800	34	33	<2	550	<2	<2	8400	210
Toluene	<40	<2	---	---	<2	---	<20	<2	<2	<2	<20	<2	<2	<20	<2
Trichloroethene	480	<2	---	---	20	---	<20	<2	<2	<2	<20	<2	<2	230	<2
Vinyl chloride	<40	<2	---	---	6.9	---	<20	<2	<2	<2	<20	<2	<2	<20	<2
m/p-xylene	<40	<2	---	---	<2	---	<20	<2	<2	<2	<20	<2	<2	<20	<2
o-Xylene	<40	<2	---	---	<2	---	<20	<2	<2	<2	<20	<2	<2	<20	<2
Xylene (total)	<40	<2	---	---	<2	---	<20	<2	<2	<2	<20	<2	<2	<20	<2
<b>TPH (mg/L)</b>															
Unidentified TPH	---	---	21	20	---	---	---	---	---	---	---	---	---	---	---
<b>Dissolved Metals (ug/L)</b>															
Lead	---	---	---	---	<13	<13	---	---	---	<13	---	---	---	---	---

**Notes:**

< = Less than the laboratory reporting limit  
ug/L = Micro grams per liter, parts per billion  
mg/L = Milligrams per liter, parts per million  
TPH = Total Petroleum Hydrocarbons  
--- = Not analyzed for.

**Table 3**  
**Groundwater Analytical Results**  
**August 2011**  
Former Gorham Manufacturing Facility  
Providence, Rhode Island

	MW-202S	MW-207D	MW-207S	MW-209D	MW-216D	MW-216S	MW-217D	MW-217S	MW-218D	MW-218S
	8/23/2011	8/23/2011	8/23/2011	8/23/2011	8/23/2011	8/23/2011	8/23/2011	8/23/2011	8/23/2011	8/23/2011
CONSTITUENT	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
<b>VOC (ug/L)</b>										
1,1-Dichloroethene	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	<2	<2	<2	<20	<2	16	<2	<2	<2	<2
1,3,5-Trimethylbenzene	<2	<2	<2	<20	<2	12	<2	<2	<2	<2
Acetone	<10	<10	<10	<100	<10	<10	<10	<10	<10	61
Bromodichloromethane	<2	<2	<2	<20	<2	<2	<2	<2	3.5	<2
Chloroform	11	2.5	<2	<20	<2	<2	<2	<2	49	27
cis-1,2-Dichloroethene	5.7	30	<2	<20	3	52	9.1	15	<2	<2
Ethylbenzene	<2	<2	<2	<20	<2	3.5	<2	<2	<2	<2
Methyltert-butylether	<2	<2	<2	<20	<2	<2	<2	<2	<2	<2
Naphthalene	<5	<5	<5	<50	<5	24	<5	<5	<5	<5
Tetrachloroethene	56	1100	130	1500	<2	<2	<2	4	300	2.3
Toluene	<2	<2	<2	<20	<2	2	<2	<2	<2	<2
Trichloroethene	<2	23	<2	200	<2	<2	6.2	<2	12	<2
Vinyl chloride	<2	<2	<2	<20	3.9	<2	<2	12	<2	<2
m/p-xylene	<2	<2	<2	<20	<2	8.5	<2	<2	<2	<2
o-Xylene	<2	<2	<2	<20	<2	12	<2	<2	<2	<2
Xylene (total)	<2	<2	<2	<20	<2	21	<2	<2	<2	<2
<b>TPH (mg/L)</b>										
Unidentified TPH	---	---	---	---	---	---	---	---	---	---
<b>Dissolved Metals (ug/L)</b>										
Lead	---	---	---	---	---	---	---	---	---	---

**Notes:**

< = Less than the laboratory reporting limit  
ug/L = Micro grams per liter, parts per billion  
mg/L = Milligrams per liter, parts per million  
TPH = Total Petroleum Hydrocarbons  
--- = Not analyzed for.

**Table 4  
Compliance Wells Analytical Results  
August 2011**

**Former Gorham Manufacturing Facility  
Providence, Rhode Island**

<b>Mashapaug Pond Compliance Wells</b>				
<b>Sample ID</b>	<b>GZA-3</b>	<b>GZA-3</b>	<b>MW-109D</b>	<b>Compliance Standard<sup>1</sup></b>
<b>Date Collected</b>	<b>8/23/2011</b>	<b>8/23/2011</b>	<b>8/23/2011</b>	
<b>CONSTITUENT</b>	<b>Duplicate</b>			
<b>Metals (mg/L)</b>				
Lead	<0.013	<0.013	<0.013	0.03
<b>VOCs (ug/L)</b>				
1,1-Dichloroethane	<2	NA	<2	50,000
1,1-Dichloroethene	1.1	NA	<1	50,000
cis-1,2-Dichloroethene	57	NA	<2	50,000
Methyl tert-butyl ether	13	NA	<2	50,000
Tetrachloroethene	<2	NA	<2	5,000
Trichloroethene	20	NA	<2	20,000
Vinyl chloride	6.9	NA	<2	1,200

<b>TPH Remediation Area Well</b>				
<b>Sample ID</b>	<b>CW-6</b>	<b>CW-6</b>	<b>Compliance Standard<sup>1</sup></b>	
<b>Date Collected</b>	<b>8/23/2011</b>	<b>8/23/2011</b>		
<b>CONSTITUENT</b>	<b>Duplicate</b>			
TPH (mg/L)	21	20	20	

<b>Sewer Interceptor Area Wells</b>				
<b>Sample ID</b>	<b>CW-1</b>	<b>CW-2</b>	<b>Compliance Standard<sup>2</sup></b>	
<b>Date Collected</b>	<b>8/23/2011</b>	<b>8/23/2011</b>		
<b>CONSTITUENT</b>				
<b>VOCs (ug/L)</b>				
1,1-Dichloroethane	<40	<2	120,000	
1,1-Dichloroethene	70	<1	23,000	
cis-1,2-Dichloroethene	1,600	<2	69,000	
trans-1,2-Dichloroethene	<40	<2	79,000	
Tetrachloroethene	<40	<2	NS	
Trichloroethene	480	<2	87,000	

<b>Adelaide Avenue Wells</b>					
<b>Sample ID</b>	<b>MW-112</b>	<b>MW-209D</b>	<b>MW-218D</b>	<b>MW-218S</b>	<b>Compliance Standard<sup>3</sup></b>
<b>Date Collected</b>	<b>8/23/2011</b>	<b>8/23/2011</b>	<b>8/23/2011</b>	<b>8/23/2011</b>	
<b>CONSTITUENT</b>					
<b>VOCs (ug/L)</b>					
cis-1,2-Dichloroethene	<20	<20	<2	<2	2,400
1,1-Dichloroethene	<10	<10	<1	<1	7
Benzene	<10	<10	<1	<1	140
Chloroform	25	<20	49	27	1,900
Methyl tert-butyl ether	<20	<20	<2	<2	5,000
Tetrachloroethene	550	1,500	300	2.3	150
Trichloroethene	<20	200	12	<2	540
Vinyl chloride	<20	<20	<2	<2	2

**Notes:**

- 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.
- These compliance standards taken from Table 5 - Upper Concentration Limits for GB Groundwater, RIDEM Remediation Regulations.
- 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).

mg/L - milligrams per liter

ug/L - micrograms per liter

< - compound was not detected below the laboratory reporting limit, concentration shown is the reporting limit.

VOCs - volatile organic compounds

TPH - total petroleum hydrocarbons

NA - Indicates that the analysis was not performed.

NS - Indicates that no applicable standard exists. Compound does not have a lower explosive limit (LEL).



September 01, 2011

**ANALYTICAL TEST RESULTS**

Ed VanDoren  
Shaw Environmental & Infrastructure, Inc.  
11 Northeastern Boulevard  
Salem, NH 030791953  
TEL: (603) 870-4530  
FAX: (603) 870-4501

Subject: 130274 Textron Providence

Workorder No.: 1108060

Dear Ed VanDoren:

AMRO Environmental Laboratories Corp. received 26 samples on 8/24/2011 for the analyses presented in the following report.

AMRO is accredited in accordance with NELAC and certifies that these test results meet all the requirements of NELAC, where applicable, unless otherwise noted in the case narrative.

The enclosed Sample Receipt Checklist details the condition of your sample(s) upon receipt. Please be advised that any unused sample volume and sample extracts will be stored for a period of 60 days from sample receipt date (90 days for samples from New York). After this time, AMRO will properly dispose of the remaining sample(s). If you require further analysis, or need the samples held for a longer period, please contact us immediately.

This report consists of a total of 105 pages. This letter is an integral part of your data report. All results in this project relate only to the sample(s) as received by the laboratory and documented in the Chain-of-Custody. This report shall not be reproduced except in full, without the written approval of the laboratory. If you have any questions regarding this project in the future, please refer to the Workorder Number above.

Sincerely,

Nancy Stewart  
Vice President

**State Certifications:** NH (NELAC): 1001, MA: M-NH012, CT: PH-0758, NY: 11278 (NELAC), ME: NH012 and 1001.

*Hard copy of the State Certification is available upon request.*

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Project:** 130274 Textron Providence  
**Lab Order:** 1108060  
**Date Received:** 8/24/2011

**Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Collection Date	Collection Time
1108060-01A	MW-207S	8/23/2011	6:30 AM
1108060-02A	MW-207D	8/23/2011	7:00 AM
1108060-03A	Trip Blank	8/23/2011	12:00 AM
1108060-04A	MW-202D	8/23/2011	7:30 AM
1108060-05A	MW-202S	8/23/2011	8:00 AM
1108060-06A	MW-101D	8/23/2011	8:30 AM
1108060-07A	MW-101S	8/23/2011	9:00 AM
1108060-08A	MW-101S Dup	8/23/2011	9:00 AM
1108060-09A	MW-201D	8/23/2011	9:30 AM
1108060-10A	MW-209D	8/23/2011	10:00 AM
1108060-11A	MW-112	8/23/2011	10:30 AM
1108060-12A	MW-218S	8/23/2011	11:00 AM
1108060-13A	MW-218D	8/23/2011	11:30 AM
1108060-14A	CW-1	8/23/2011	12:00 PM
1108060-15A	CW-2	8/23/2011	12:30 PM
1108060-16A	MW-216D	8/23/2011	1:00 PM
1108060-17A	MW-216S	8/23/2011	1:30 PM
1108060-18A	MW-217D	8/23/2011	2:00 PM
1108060-19A	MW-217S	8/23/2011	2:30 PM
1108060-20A	MW-116D	8/23/2011	10:00 AM
1108060-21A	MW-116S	8/23/2011	10:30 AM
1108060-22A	GZA-3	8/23/2011	11:30 AM
1108060-22B	GZA-3	8/23/2011	11:30 AM
1108060-23A	MW-109D	8/23/2011	12:30 PM
1108060-23B	MW-109D	8/23/2011	12:30 PM
1108060-24A	GZA-3 Dup	8/23/2011	11:35 AM
1108060-25A	CW-6	8/23/2011	1:30 PM
1108060-26A	CW-6 Dup	8/23/2011	2:30 PM

# AMRO Environmental Laboratories Corp.

31-Aug-11

## DATES REPORT

Lab Order: 1108060

Client: Shaw Environmental & Infrastructure, Inc.

Project: 130274 Textron Providence

Sample ID	Client Sample ID	Collection Date	Matrix	Analytical Test Name	Preparatory Test Name	Prep Date	Batch ID	Analysis Date	TCLP Date
1108060-01A	MW-207S	8/23/2011 6:30:00 AM	Groundwater	EPA 8260B VOLATILES by GC/MS	EPA 5030B	8/23/2011	R47312	8/29/2011	
1108060-02A	MW-207D	8/23/2011 7:00:00 AM		EPA 8260B VOLATILES by GC/MS		8/23/2011	R47299	8/26/2011	
1108060-03A	Trip Blank	8/23/2011		EPA 8260B VOLATILES by GC/MS		8/23/2011	R47290	8/25/2011	
1108060-04A	MW-202D	8/23/2011 7:30:00 AM		EPA 8260B VOLATILES by GC/MS		8/23/2011	R47299	8/29/2011	
1108060-05A	MW-202S	8/23/2011 8:00:00 AM		EPA 8260B VOLATILES by GC/MS		8/23/2011	R47299	8/26/2011	
1108060-06A	MW-101D	8/23/2011 8:30:00 AM		EPA 8260B VOLATILES by GC/MS		8/23/2011	R47299	8/26/2011	
1108060-07A	MW-101S	8/23/2011 9:00:00 AM		EPA 8260B VOLATILES by GC/MS		8/23/2011	R47312	8/29/2011	
1108060-08A	MW-101S Dup	8/23/2011 9:30:00 AM		EPA 8260B VOLATILES by GC/MS		8/23/2011	R47290	8/25/2011	
1108060-09A	MW-201D	8/23/2011 9:30:00 AM		EPA 8260B VOLATILES by GC/MS		8/23/2011	R47299	8/26/2011	
				EPA 8260B VOLATILES by GC/MS		8/23/2011	R47312	8/29/2011	

# AMRO Environmental Laboratories Corp.

31-Aug-11

**Lab Order:** 1108060  
**Client:** Shaw Environmental & Infrastructure, Inc.  
**Project:** 130274 Textron Providence

## DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Analytical Test Name	Prep Date	Batch ID	Analysis Date	TCLP Date
1108060-10A	MW-209D	8/23/2011 10:00:00 AM	Groundwater	EPA 8260B VOLATILES by GC/MS EPA 5030B	8/23/2011	R47299	8/26/2011	
1108060-11A	MW-112	8/23/2011 10:30:00 AM		EPA 8260B VOLATILES by GC/MS	8/23/2011	R47299	8/26/2011	
1108060-12A	MW-218S	8/23/2011 11:00:00 AM		EPA 8260B VOLATILES by GC/MS	8/23/2011	R47290	8/25/2011	
1108060-13A	MW-218D	8/23/2011 11:30:00 AM		EPA 8260B VOLATILES by GC/MS	8/23/2011	R47290	8/25/2011	
1108060-14A	CW-1	8/23/2011 12:00:00 PM		EPA 8260B VOLATILES by GC/MS	8/23/2011	R47312	8/29/2011	
4								
1108060-15A	CW-2	8/23/2011 12:30:00 PM		EPA 8260B VOLATILES by GC/MS	8/23/2011	R47290	8/25/2011	
1108060-16A	MW-216D	8/23/2011 1:00:00 PM		EPA 8260B VOLATILES by GC/MS	8/23/2011	R47290	8/25/2011	
1108060-17A	MW-216S	8/23/2011 1:30:00 PM		EPA 8260B VOLATILES by GC/MS	8/23/2011	R47290	8/25/2011	
1108060-18A	MW-217D	8/23/2011 2:00:00 PM		EPA 8260B VOLATILES by GC/MS	8/23/2011	R47290	8/25/2011	
1108060-19A	MW-217S	8/23/2011 2:30:00 PM		EPA 8260B VOLATILES by GC/MS	8/23/2011	R47299	8/26/2011	
1108060-20A	MW-116D	8/23/2011 10:00:00 AM		EPA 8260B VOLATILES by GC/MS	8/23/2011	R47299	8/26/2011	
1108060-21A	MW-116S	8/23/2011 10:30:00 AM		EPA 8260B VOLATILES by GC/MS	8/23/2011	R47299	8/26/2011	

**Lab Order:** 1108060  
**Client:** Shaw Environmental & Infrastructure, Inc.  
**Project:** 130274 Textron Providence

**DATES REPORT**

Sample ID	Client Sample ID	Collection Date	Matrix	Analytical Test Name	Prep Date	Batch ID	Analysis Date	TCLP Date
1108060-22A	GZA-3	8/23/2011 11:30:00 AM	Groundwater	EPA 8260B VOLATILES by GC/MS EPA 5030B	8/23/2011	R47299	8/26/2011	
1108060-22B				EPA 6010B ICP METALS, DISSOLVED EPA 3010 AQPREP TOTAL METALS: ICP/GFAA	8/30/2011	21589	8/30/2011	
1108060-23A	MW-109D	8/23/2011 12:30:00 PM		EPA 8260B VOLATILES by GC/MS EPA 5030B	8/23/2011	R47299	8/26/2011	
1108060-23B				EPA 6010B ICP METALS, DISSOLVED EPA 3010 AQPREP TOTAL METALS: ICP/GFAA	8/30/2011	21589	8/30/2011	
1108060-24A	GZA-3 Dup	8/23/2011 11:35:00 AM		EPA 6010B ICP METALS, DISSOLVED	8/30/2011	21589	8/30/2011	
1108060-25A	CW-6	8/23/2011 1:30:00 PM		TPH by GC/FID (modified 8015B) AQPREP SEP FUNNEL: FING	8/29/2011	21585	8/30/2011	
1108060-26A	CW-6 Dup	8/23/2011 2:30:00 PM		TPH by GC/FID (modified 8015B)	8/29/2011	21585	8/30/2011	



AMRO Environmental Laboratories Corporation  
 111 Herrick Street  
 Merrimack, NH 03054

CHAIN-OF-CUSTODY RECORD

60809

Office: (603) 424-2022  
 Fax: (603) 429-8496  
 web: www.amrolabs.com

Project No: 130274	Project Name: Textron Providence	Project State: RI	Project Manager: Ed VanDoren	Samplers (Signature):	AMRO Project No.: 1108060
P.O.#:	Results Needed by:	Matrix	Total # of Cont. & Size	Requested Analyses	Remarks
QUOTE #:	Standard TAT Seal Intact? Yes No N/A	GW	2-400		
Sample ID.:	Date/Time Sampled		2-400		
MW-2075	8/23/11 0830		2-400		
MW-207D	8/23/11 0720		1-400		
TRIP BUNK	8/23/11 0730		2-400		
MW-202D	8/23/11 0800		2-400		
MW-202S	8/23/11 0830		2-400		
MW-101D	8/23/11 0800		2-400		
MW-101S	8/23/11 0800		2-400		
MW-101S DUP	8/23/11 0800		2-400		
MW-201D	8/23/11 0930		2-400		
MW-209D	8/23/11 1000		2-400		
Preservative: Cl-HCl, MeOH, N-HNO3, S-H2SO4, Na-NaOH, O-Other					
Send Results To: Ed VanDoren					
Shaw Environmental, Inc.					
11 Northeastern Blvd.					
SaLem, NH 03079-1953					
PHONE #: 603-870-4531 FAX #: 603-870-4501					
E-mail:					
Relinquished By: <i>[Signature]</i> Date/Time: 8/23/11					
Received By: <i>[Signature]</i> Date/Time: 8/24/11 1000					
Please print clearly, legibly and completely. Samples can not be logged in and the turnaround time clock will not start until any ambiguities are resolved.					
White: Lab Copy Yellow: Client Copy					
SHEET OF SHEET					
AMROCC2004, Rev.3 08/18/04					

Disolved lead  
 EPA 8260B (VIC)  
 TPH

METALS 8 RCRA  13 PP  23 TAL  14 MCP   
 Method: 6010  200.7  Other Metals: Dissolved Lead  
 Dissolved Metals Field Filtered? YES  NO   
 MCP Presumptive Certainty Required? YES  NO   
 MCP Methods Needed: YES  NO   
 AMRO report package level needed:  
 EDD required:  GISKey Format  
 Required Reporting Limits: S-1  GW-1   
 S-2  GW-2   
 S-3  GW-3   
 Other:   
 KNOWN SITE  
 CONTAMINATION:

AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.

Project No.: 130274	Project Name: Textron Providence	Project State: RI	Project Manager: Ed VanDoren	AMRO Project No.: 1108060
P.O.#: 157431	Results Needed by: Standard	Matrix: GW	Requested Analyses:	Remarks:
QUOTE #:	TAT Seal Intact? Yes No N/A	Total # of Cont. & Size	Requested Analyses:	Remarks:
Sample ID:	Date/Time Sampled	Matrix	Requested Analyses:	Remarks:
MW-112	8/23/11 1030	GW	TPH	
MW-2185	8/23/11 1100	GW	Dissolved Lead	
MW-215D	8/23/11 1130	GW	EPA 8260B (VOC)	
CW-1	8/23/11 1200	GW		
CW-2	8/23/11 1230	GW		
MW-216D	8/23/11 1300	GW		
MW-216S	8/23/11 1330	GW		
MW-217D	8/23/11 1400	GW		
MW-217-S	8/23/11 1430	GW		
Preservative: Cl-HCl, MeOH, N-HNO3, S-H2SO4, Na-NaOH, O- Other				
Send Results To: Ed VanDoren				
Shaw Environmental, Inc.				
11 Northeastern Blvd.				
SaLem, NH 03079-1953				
PHONE #: 603-870-4531 FAX #: 603-870-4501				
E-mail: edward.vandoren@shawgrp.com				
Relinquished By: <i>[Signature]</i> Date/Time: 8/23/11 1700				
Received By: <i>[Signature]</i> Date/Time: 8/24/11 1600				
MCP Presumptive Certainty Required? YES <input type="checkbox"/> NO <input type="checkbox"/>				
MCP Methods Needed: YES <input type="checkbox"/> NO <input type="checkbox"/>				
AMRO report package level needed: YES <input type="checkbox"/> NO <input type="checkbox"/>				
EDD required: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>				
GISKey format: YES <input type="checkbox"/> NO <input type="checkbox"/>				
Required Reporting Limits: S-1 <input type="checkbox"/> GW-1 <input type="checkbox"/>				
S-2 <input type="checkbox"/> GW-2 <input type="checkbox"/>				
S-3 <input type="checkbox"/> GW-3 <input type="checkbox"/>				
Other: <input type="checkbox"/>				
AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.				
AMROCC2004, Rev.3 08/18/04				

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SHEET

OF

KNOWN SITE CONTAMINATION:

Project No.: 130274	Project Name: Textron Providence	Project State: RI	Project Manager: Ed Vandoren	Samples (Signature): <i>[Signature]</i>	AMRO Project No.: 1108060
P.O.#: 157431	Results Needed by:	Total # of Cont. & Size	Ed Vandoren	REQUESTED ANALYSES	Remarks
QUOTE #:	Standard TAT Seal Intact? Yes No N/A	Matrix			
Sample ID.:	Date/Time Sampled	GW			
MW-116D	8:33:11 1000	2	EPA 8260B (voc)		
MW-116S	1030	2	Dissolved Lead		
GZA-3	1130	3			
GZA-3 Dup	1135	1			
MW-109D	1230	3			
CW-6	1330	2			
CW-6 Dup	1430	2			
Preservative: Cl-HCl, MeOH, N-HNO3, S-H2SO4, Na-NaOH, O- Other					
Send Results To: Ed Vandoren					
Shaw Environmental, Inc.					
11 Northeastern Blvd.					
Salem, NH 03079-1953					
PHONE #: 603-870-4531 FAX #: 603-870-4501					
E-mail: <i>[Signature]</i>					
Date/Time Received By: <i>[Signature]</i>					
Date/Time: 8/23/11 1200 W.A. Lawrie					
Date/Time: 8/23/11 1200 W.A. Lawrie					
Please print clearly, legibly and completely. Samples can not be logged in and the turnaround time clock will not start until any ambiguities are resolved.					
White: Lab Copy Yellow: Client Copy					
SHEET OF SHEET					
AMROCOC2004, Rev.3 08/18/04					

METALS 8 RCRA  13 PP  23 TAL  14 MCP   
 Method: 6010  200.7  Other Metals: Dissolved Lead  
 Dissolved Metals Field Filtered? YES  NO   
 MCP Presumptive Certainty Required? YES  NO   
 AMRO report package level needed:   
 EDD required:   
 GISKey format   
 Required Reporting Limits: S-1  GW-1   
 S-2  GW-2   
 S-3  GW-3   
 Other:   
 KNOWN SITE CONTAMINATION:

AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.





**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Project:** 130274 Textron Providence  
**Lab Order:** 1108060

**CASE NARRATIVE**

**GC/MS-VOLATILES:**

1. A Laboratory Control Sample (LCS) and Laboratory Sample Duplicate (LCSD) were performed on 08/25/11 (Batch ID: R47290).

1.1 The % Recovery for 3 analytes out of 67 analytes in the LCS was outside the laboratory control limits.

1.2 The % Recovery for 3 analytes out of 67 analytes in the LCSD was outside the laboratory control limits.

2. A Laboratory Control Sample (LCS) was performed on 08/26/11 (Batch ID: R47299).

2.1 The % Recovery for 3 analytes out of 67 analytes in the LCS was outside the laboratory control limits.

3. A Laboratory Control Sample (LCS) was performed on 08/29/11 (Batch ID: R47312).

3.1 The % Recovery for 5 analytes out of 67 analytes in the LCS was outside the laboratory control limits.

4. A Matrix Spike (MS) and Matrix Spike Duplicate (MSD) were performed on sample MW-217S (1108060-19) Batch ID: R47299.

4.1 The % Recovery for 2 analytes out of 67 analytes in the MS was outside the laboratory control limits.

4.2 The % Recovery for 1 analyte out of 67 analytes in the MSD was outside the laboratory control limits.

5. A Matrix Spike (MS) and Matrix Spike Duplicate (MSD) were performed on sample MW-207S (1108060-01) Batch ID: R47312.

5.1 The % Recovery for 1 analyte out of 67 analytes in the MS was outside the laboratory control limits.

**TPH by GC/FID:**

1. No QC deviations were noted.

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**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Project:** 130274 Textron Providence  
**Lab Order:** 1108060

---

**CASE NARRATIVE**

**METALS:**

1. No QC deviations were noted.

## DATA COMMENT PAGE

### Organic Data Qualifiers

- ND Indicates compound was analyzed for, but not detected at or above the reporting limit.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than the method detection limit.
- H Method prescribed holding time exceeded.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- B This flag is used when the analyte is found in the associated blank as well as in the sample.
- R RPD outside accepted recovery limits
- RL Reporting limit; defined as the lowest concentration the laboratory can accurately quantitate.
- S Spike Recovery outside accepted recovery limits.
- # See Case Narrative

### Micro Data Qualifiers

- TNTC Too numerous to count

### Inorganic Data Qualifiers

- ND or U Indicates element was analyzed for, but not detected at or above the reporting limit.
- J Indicates a value greater than or equal to the method detection limit, but less than the quantitation limit.
- H Indicates analytical holding time exceedance.
- B Indicates that the analyte is found in the associated blank, as well as in the sample.
- MSA Indicates value determined by the Method of Standard Addition
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- R RPD outside accepted recovery limits
- RL Reporting limit; defined as the lowest concentration the laboratory can accurately quantitate.
- S Spike Recovery outside accepted recovery limits.
- W Post-digestion spike for Furnace AA analysis is out of control limits (85-115), while sample absorbance is less than 50% of spike absorbance.
- \* Duplicate analysis not within control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995
- # See Case Narrative

### Report Comments:

1. Soil, sediment and sludge sample results are reported on a "dry weight" basis.
2. Reporting limits are adjusted for sample size used, dilutions and moisture content, if applicable.



# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-01A

**Client Sample ID:** MW-207S  
**Collection Date:** 8/23/2011 6:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260B VOLATILES BY GC/MS</b>		<b>SW8260B</b>		Analyst: SK		
Dichlorodifluoromethane	ND	5.0		µg/L	1	8/29/2011 11:17:00 AM
Chloromethane	ND	5.0		µg/L	1	8/29/2011 11:17:00 AM
Vinyl chloride	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
Chloroethane	ND	5.0		µg/L	1	8/29/2011 11:17:00 AM
Bromomethane	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
Diethyl ether	ND	5.0		µg/L	1	8/29/2011 11:17:00 AM
Acetone	ND	10		µg/L	1	8/29/2011 11:17:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/29/2011 11:17:00 AM
Carbon disulfide	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
Methylene chloride	ND	5.0		µg/L	1	8/29/2011 11:17:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
2-Butanone	ND	10		µg/L	1	8/29/2011 11:17:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
Chloroform	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
Tetrahydrofuran	ND	10		µg/L	1	8/29/2011 11:17:00 AM
Bromochloromethane	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
Benzene	ND	1.0		µg/L	1	8/29/2011 11:17:00 AM
Trichloroethene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
Dibromomethane	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/29/2011 11:17:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/29/2011 11:17:00 AM
Toluene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/29/2011 11:17:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
2-Hexanone	ND	10		µg/L	1	8/29/2011 11:17:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
Tetrachloroethene	130	2.0		µg/L	1	8/29/2011 11:17:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-01A

**Client Sample ID:** MW-207S  
**Collection Date:** 8/23/2011 6:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
Ethylbenzene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
m,p-Xylene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
o-Xylene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
Styrene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
Bromoform	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
Bromobenzene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	8/29/2011 11:17:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
Naphthalene	ND	5.0		µg/L	1	8/29/2011 11:17:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	8/29/2011 11:17:00 AM
Surr: Dibromofluoromethane	109	82-122		%REC	1	8/29/2011 11:17:00 AM
Surr: 1,2-Dichloroethane-d4	112	73-135		%REC	1	8/29/2011 11:17:00 AM
Surr: Toluene-d8	93.4	82-117		%REC	1	8/29/2011 11:17:00 AM
Surr: 4-Bromofluorobenzene	97.6	77-119		%REC	1	8/29/2011 11:17:00 AM

# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-02A

**Client Sample ID:** MW-207D  
**Collection Date:** 8/23/2011 7:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260B VOLATILES BY GC/MS</b>		<b>SW8260B</b>		Analyst: SK		
Dichlorodifluoromethane	ND	5.0		µg/L	1	8/25/2011 12:56:00 PM
Chloromethane	ND	5.0		µg/L	1	8/25/2011 12:56:00 PM
Vinyl chloride	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
Chloroethane	ND	5.0		µg/L	1	8/25/2011 12:56:00 PM
Bromomethane	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
Diethyl ether	ND	5.0		µg/L	1	8/25/2011 12:56:00 PM
Acetone	ND	10		µg/L	1	8/25/2011 12:56:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/25/2011 12:56:00 PM
Carbon disulfide	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
Methylene chloride	ND	5.0		µg/L	1	8/25/2011 12:56:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
2-Butanone	ND	10		µg/L	1	8/25/2011 12:56:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
cis-1,2-Dichloroethene	30	2.0		µg/L	1	8/25/2011 12:56:00 PM
Chloroform	2.5	2.0		µg/L	1	8/25/2011 12:56:00 PM
Tetrahydrofuran	ND	10		µg/L	1	8/25/2011 12:56:00 PM
Bromochloromethane	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
Benzene	ND	1.0		µg/L	1	8/25/2011 12:56:00 PM
Trichloroethene	23	2.0		µg/L	1	8/25/2011 12:56:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
Dibromomethane	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/25/2011 12:56:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2011 12:56:00 PM
Toluene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2011 12:56:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
2-Hexanone	ND	10		µg/L	1	8/25/2011 12:56:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
Tetrachloroethene	1,100	20		µg/L	10	8/26/2011 12:00:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-02A

**Client Sample ID:** MW-207D  
**Collection Date:** 8/23/2011 7:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
Ethylbenzene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
m,p-Xylene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
o-Xylene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
Styrene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
Bromoform	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
Bromobenzene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	8/25/2011 12:56:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
Naphthalene	ND	5.0		µg/L	1	8/25/2011 12:56:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	8/25/2011 12:56:00 PM
Surr: Dibromofluoromethane	109	82-122		%REC	1	8/25/2011 12:56:00 PM
Surr: 1,2-Dichloroethane-d4	116	73-135		%REC	1	8/25/2011 12:56:00 PM
Surr: Toluene-d8	93.3	82-117		%REC	1	8/25/2011 12:56:00 PM
Surr: 4-Bromofluorobenzene	96.7	77-119		%REC	1	8/25/2011 12:56:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-03A

**Client Sample ID:** Trip Blank  
**Collection Date:** 8/23/2011  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260B VOLATILES BY GC/MS</b>		<b>SW8260B</b>		Analyst: SK		
Dichlorodifluoromethane	ND	5.0		µg/L	1	8/26/2011 10:51:00 AM
Chloromethane	ND	5.0		µg/L	1	8/26/2011 10:51:00 AM
Vinyl chloride	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
Chloroethane	ND	5.0		µg/L	1	8/26/2011 10:51:00 AM
Bromomethane	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
Diethyl ether	ND	5.0		µg/L	1	8/26/2011 10:51:00 AM
Acetone	ND	10		µg/L	1	8/26/2011 10:51:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2011 10:51:00 AM
Carbon disulfide	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
Methylene chloride	ND	5.0		µg/L	1	8/26/2011 10:51:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
2-Butanone	ND	10		µg/L	1	8/26/2011 10:51:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
Chloroform	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
Tetrahydrofuran	ND	10		µg/L	1	8/26/2011 10:51:00 AM
Bromochloromethane	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
Benzene	ND	1.0		µg/L	1	8/26/2011 10:51:00 AM
Trichloroethene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
Dibromomethane	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2011 10:51:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2011 10:51:00 AM
Toluene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2011 10:51:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
2-Hexanone	ND	10		µg/L	1	8/26/2011 10:51:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-03A

**Client Sample ID:** Trip Blank  
**Collection Date:** 8/23/2011  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
Ethylbenzene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
m,p-Xylene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
o-Xylene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
Styrene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
Bromoform	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
Bromobenzene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	8/26/2011 10:51:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
Naphthalene	ND	5.0		µg/L	1	8/26/2011 10:51:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	8/26/2011 10:51:00 AM
Surr: Dibromofluoromethane	105	82-122		%REC	1	8/26/2011 10:51:00 AM
Surr: 1,2-Dichloroethane-d4	109	73-135		%REC	1	8/26/2011 10:51:00 AM
Surr: Toluene-d8	94.0	82-117		%REC	1	8/26/2011 10:51:00 AM
Surr: 4-Bromofluorobenzene	97.6	77-119		%REC	1	8/26/2011 10:51:00 AM

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-04A

**Client Sample ID:** MW-202D  
**Collection Date:** 8/23/2011 7:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260B VOLATILES BY GC/MS</b>		<b>SW8260B</b>				<b>Analyst: SK</b>
Dichlorodifluoromethane	ND	5.0		µg/L	1	8/29/2011 1:23:00 PM
Chloromethane	ND	5.0		µg/L	1	8/29/2011 1:23:00 PM
Vinyl chloride	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
Chloroethane	ND	5.0		µg/L	1	8/29/2011 1:23:00 PM
Bromomethane	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
Diethyl ether	ND	5.0		µg/L	1	8/29/2011 1:23:00 PM
Acetone	ND	10		µg/L	1	8/29/2011 1:23:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/29/2011 1:23:00 PM
Carbon disulfide	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
Methylene chloride	ND	5.0		µg/L	1	8/29/2011 1:23:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
2-Butanone	ND	10		µg/L	1	8/29/2011 1:23:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
cis-1,2-Dichloroethene	2.9	2.0		µg/L	1	8/29/2011 1:23:00 PM
Chloroform	16	2.0		µg/L	1	8/29/2011 1:23:00 PM
Tetrahydrofuran	ND	10		µg/L	1	8/29/2011 1:23:00 PM
Bromochloromethane	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
Benzene	ND	1.0		µg/L	1	8/29/2011 1:23:00 PM
Trichloroethene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
Dibromomethane	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/29/2011 1:23:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/29/2011 1:23:00 PM
Toluene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/29/2011 1:23:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
2-Hexanone	ND	10		µg/L	1	8/29/2011 1:23:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
Tetrachloroethene	210	2.0		µg/L	1	8/29/2011 1:23:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-04A

**Client Sample ID:** MW-202D  
**Collection Date:** 8/23/2011 7:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
Ethylbenzene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
m,p-Xylene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
o-Xylene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
Styrene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
Bromoform	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
Bromobenzene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	8/29/2011 1:23:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
Naphthalene	ND	5.0		µg/L	1	8/29/2011 1:23:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	8/29/2011 1:23:00 PM
Surr: Dibromofluoromethane	104	82-122		%REC	1	8/29/2011 1:23:00 PM
Surr: 1,2-Dichloroethane-d4	113	73-135		%REC	1	8/29/2011 1:23:00 PM
Surr: Toluene-d8	92.2	82-117		%REC	1	8/29/2011 1:23:00 PM
Surr: 4-Bromofluorobenzene	94.8	77-119		%REC	1	8/29/2011 1:23:00 PM



# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-05A

**Client Sample ID:** MW-202S  
**Collection Date:** 8/23/2011 8:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260B VOLATILES BY GC/MS</b>		<b>SW8260B</b>		Analyst: SK		
Dichlorodifluoromethane	ND	5.0		µg/L	1	8/26/2011 11:25:00 AM
Chloromethane	ND	5.0		µg/L	1	8/26/2011 11:25:00 AM
Vinyl chloride	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
Chloroethane	ND	5.0		µg/L	1	8/26/2011 11:25:00 AM
Bromomethane	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
Diethyl ether	ND	5.0		µg/L	1	8/26/2011 11:25:00 AM
Acetone	ND	10		µg/L	1	8/26/2011 11:25:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2011 11:25:00 AM
Carbon disulfide	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
Methylene chloride	ND	5.0		µg/L	1	8/26/2011 11:25:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
2-Butanone	ND	10		µg/L	1	8/26/2011 11:25:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
cis-1,2-Dichloroethene	5.7	2.0		µg/L	1	8/26/2011 11:25:00 AM
Chloroform	11	2.0		µg/L	1	8/26/2011 11:25:00 AM
Tetrahydrofuran	ND	10		µg/L	1	8/26/2011 11:25:00 AM
Bromochloromethane	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
Benzene	ND	1.0		µg/L	1	8/26/2011 11:25:00 AM
Trichloroethene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
Dibromomethane	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2011 11:25:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2011 11:25:00 AM
Toluene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2011 11:25:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
2-Hexanone	ND	10		µg/L	1	8/26/2011 11:25:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
Tetrachloroethene	56	2.0		µg/L	1	8/26/2011 11:25:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-05A

**Client Sample ID:** MW-202S  
**Collection Date:** 8/23/2011 8:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
Ethylbenzene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
m,p-Xylene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
o-Xylene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
Styrene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
Bromoform	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
Bromobenzene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	8/26/2011 11:25:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
Naphthalene	ND	5.0		µg/L	1	8/26/2011 11:25:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	8/26/2011 11:25:00 AM
Surr: Dibromofluoromethane	107	82-122		%REC	1	8/26/2011 11:25:00 AM
Surr: 1,2-Dichloroethane-d4	111	73-135		%REC	1	8/26/2011 11:25:00 AM
Surr: Toluene-d8	94.9	82-117		%REC	1	8/26/2011 11:25:00 AM
Surr: 4-Bromofluorobenzene	98.8	77-119		%REC	1	8/26/2011 11:25:00 AM

# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-06A

**Client Sample ID:** MW-101D  
**Collection Date:** 8/23/2011 8:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260B VOLATILES BY GC/MS</b>		<b>SW8260B</b>		Analyst: SK		
Dichlorodifluoromethane	ND	50		µg/L	10	8/26/2011 4:04:00 PM
Chloromethane	ND	50		µg/L	10	8/26/2011 4:04:00 PM
Vinyl chloride	ND	20		µg/L	10	8/26/2011 4:04:00 PM
Chloroethane	ND	50		µg/L	10	8/26/2011 4:04:00 PM
Bromomethane	ND	20		µg/L	10	8/26/2011 4:04:00 PM
Trichlorofluoromethane	ND	20		µg/L	10	8/26/2011 4:04:00 PM
Diethyl ether	ND	50		µg/L	10	8/26/2011 4:04:00 PM
Acetone	ND	100		µg/L	10	8/26/2011 4:04:00 PM
1,1-Dichloroethene	ND	10		µg/L	10	8/26/2011 4:04:00 PM
Carbon disulfide	ND	20		µg/L	10	8/26/2011 4:04:00 PM
Methylene chloride	ND	50		µg/L	10	8/26/2011 4:04:00 PM
Methyl tert-butyl ether	ND	20		µg/L	10	8/26/2011 4:04:00 PM
trans-1,2-Dichloroethene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
1,1-Dichloroethane	ND	20		µg/L	10	8/26/2011 4:04:00 PM
2-Butanone	ND	100		µg/L	10	8/26/2011 4:04:00 PM
2,2-Dichloropropane	ND	20		µg/L	10	8/26/2011 4:04:00 PM
cis-1,2-Dichloroethene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
Chloroform	ND	20		µg/L	10	8/26/2011 4:04:00 PM
Tetrahydrofuran	ND	100		µg/L	10	8/26/2011 4:04:00 PM
Bromochloromethane	ND	20		µg/L	10	8/26/2011 4:04:00 PM
1,1,1-Trichloroethane	ND	20		µg/L	10	8/26/2011 4:04:00 PM
1,1-Dichloropropene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
Carbon tetrachloride	ND	20		µg/L	10	8/26/2011 4:04:00 PM
1,2-Dichloroethane	ND	20		µg/L	10	8/26/2011 4:04:00 PM
Benzene	ND	10		µg/L	10	8/26/2011 4:04:00 PM
Trichloroethene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
1,2-Dichloropropane	ND	20		µg/L	10	8/26/2011 4:04:00 PM
Bromodichloromethane	ND	20		µg/L	10	8/26/2011 4:04:00 PM
Dibromomethane	ND	20		µg/L	10	8/26/2011 4:04:00 PM
4-Methyl-2-pentanone	ND	100		µg/L	10	8/26/2011 4:04:00 PM
cis-1,3-Dichloropropene	ND	10		µg/L	10	8/26/2011 4:04:00 PM
Toluene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
trans-1,3-Dichloropropene	ND	10		µg/L	10	8/26/2011 4:04:00 PM
1,1,2-Trichloroethane	ND	20		µg/L	10	8/26/2011 4:04:00 PM
1,2-Dibromoethane	ND	20		µg/L	10	8/26/2011 4:04:00 PM
2-Hexanone	ND	100		µg/L	10	8/26/2011 4:04:00 PM
1,3-Dichloropropane	ND	20		µg/L	10	8/26/2011 4:04:00 PM
Tetrachloroethene	3,800	200		µg/L	100	8/29/2011 12:14:00 PM
Dibromochloromethane	ND	20		µg/L	10	8/26/2011 4:04:00 PM

# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-06A

**Client Sample ID:** MW-101D  
**Collection Date:** 8/23/2011 8:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
1,1,1,2-Tetrachloroethane	ND	20		µg/L	10	8/26/2011 4:04:00 PM
Ethylbenzene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
m,p-Xylene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
o-Xylene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
Styrene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
Bromoform	ND	20		µg/L	10	8/26/2011 4:04:00 PM
Isopropylbenzene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
1,1,2,2-Tetrachloroethane	ND	20		µg/L	10	8/26/2011 4:04:00 PM
1,2,3-Trichloropropane	ND	20		µg/L	10	8/26/2011 4:04:00 PM
Bromobenzene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
n-Propylbenzene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
2-Chlorotoluene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
4-Chlorotoluene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
1,3,5-Trimethylbenzene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
tert-Butylbenzene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
1,2,4-Trimethylbenzene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
sec-Butylbenzene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
4-Isopropyltoluene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
1,3-Dichlorobenzene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
1,4-Dichlorobenzene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
n-Butylbenzene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
1,2-Dichlorobenzene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
1,2-Dibromo-3-chloropropane	ND	50		µg/L	10	8/26/2011 4:04:00 PM
1,2,4-Trichlorobenzene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
Hexachlorobutadiene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
Naphthalene	ND	50		µg/L	10	8/26/2011 4:04:00 PM
1,2,3-Trichlorobenzene	ND	20		µg/L	10	8/26/2011 4:04:00 PM
Surr: Dibromofluoromethane	103	82-122		%REC	10	8/26/2011 4:04:00 PM
Surr: 1,2-Dichloroethane-d4	117	73-135		%REC	10	8/26/2011 4:04:00 PM
Surr: Toluene-d8	93.8	82-117		%REC	10	8/26/2011 4:04:00 PM
Surr: 4-Bromofluorobenzene	98.2	77-119		%REC	10	8/26/2011 4:04:00 PM

# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-07A

**Client Sample ID:** MW-101S  
**Collection Date:** 8/23/2011 9:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260B VOLATILES BY GC/MS</b>		<b>SW8260B</b>		Analyst: SK		
Dichlorodifluoromethane	ND	5.0		µg/L	1	8/25/2011 2:05:00 PM
Chloromethane	ND	5.0		µg/L	1	8/25/2011 2:05:00 PM
Vinyl chloride	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
Chloroethane	ND	5.0		µg/L	1	8/25/2011 2:05:00 PM
Bromomethane	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
Diethyl ether	ND	5.0		µg/L	1	8/25/2011 2:05:00 PM
Acetone	ND	10		µg/L	1	8/25/2011 2:05:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/25/2011 2:05:00 PM
Carbon disulfide	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
Methylene chloride	ND	5.0		µg/L	1	8/25/2011 2:05:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
2-Butanone	ND	10		µg/L	1	8/25/2011 2:05:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
cis-1,2-Dichloroethene	3.3	2.0		µg/L	1	8/25/2011 2:05:00 PM
Chloroform	9.2	2.0		µg/L	1	8/25/2011 2:05:00 PM
Tetrahydrofuran	ND	10		µg/L	1	8/25/2011 2:05:00 PM
Bromochloromethane	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
Benzene	ND	1.0		µg/L	1	8/25/2011 2:05:00 PM
Trichloroethene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
Dibromomethane	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/25/2011 2:05:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2011 2:05:00 PM
Toluene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2011 2:05:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
2-Hexanone	ND	10		µg/L	1	8/25/2011 2:05:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
Tetrachloroethene	34	2.0		µg/L	1	8/25/2011 2:05:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-07A

**Client Sample ID:** MW-101S  
**Collection Date:** 8/23/2011 9:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
Ethylbenzene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
m,p-Xylene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
o-Xylene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
Styrene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
Bromoform	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
Bromobenzene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	8/25/2011 2:05:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
Naphthalene	ND	5.0		µg/L	1	8/25/2011 2:05:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	8/25/2011 2:05:00 PM
Surr: Dibromofluoromethane	108	82-122		%REC	1	8/25/2011 2:05:00 PM
Surr: 1,2-Dichloroethane-d4	118	73-135		%REC	1	8/25/2011 2:05:00 PM
Surr: Toluene-d8	93.2	82-117		%REC	1	8/25/2011 2:05:00 PM
Surr: 4-Bromofluorobenzene	96.1	77-119		%REC	1	8/25/2011 2:05:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-08A

**Client Sample ID:** MW-101S Dup  
**Collection Date:** 8/23/2011 9:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260B VOLATILES BY GC/MS</b>		<b>SW8260B</b>				Analyst: SK
Dichlorodifluoromethane	ND	5.0		µg/L	1	8/25/2011 2:40:00 PM
Chloromethane	ND	5.0		µg/L	1	8/25/2011 2:40:00 PM
Vinyl chloride	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
Chloroethane	ND	5.0		µg/L	1	8/25/2011 2:40:00 PM
Bromomethane	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
Diethyl ether	ND	5.0		µg/L	1	8/25/2011 2:40:00 PM
Acetone	ND	10		µg/L	1	8/25/2011 2:40:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/25/2011 2:40:00 PM
Carbon disulfide	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
Methylene chloride	ND	5.0		µg/L	1	8/25/2011 2:40:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
2-Butanone	ND	10		µg/L	1	8/25/2011 2:40:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
cis-1,2-Dichloroethene	3.1	2.0		µg/L	1	8/25/2011 2:40:00 PM
Chloroform	8.2	2.0		µg/L	1	8/25/2011 2:40:00 PM
Tetrahydrofuran	ND	10		µg/L	1	8/25/2011 2:40:00 PM
Bromochloromethane	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
Benzene	ND	1.0		µg/L	1	8/25/2011 2:40:00 PM
Trichloroethene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
Dibromomethane	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/25/2011 2:40:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2011 2:40:00 PM
Toluene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2011 2:40:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
2-Hexanone	ND	10		µg/L	1	8/25/2011 2:40:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
Tetrachloroethene	33	2.0		µg/L	1	8/25/2011 2:40:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-08A

**Client Sample ID:** MW-101S Dup  
**Collection Date:** 8/23/2011 9:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
Ethylbenzene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
m,p-Xylene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
o-Xylene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
Styrene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
Bromoform	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
Bromobenzene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	8/25/2011 2:40:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
Naphthalene	ND	5.0		µg/L	1	8/25/2011 2:40:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	8/25/2011 2:40:00 PM
Surr: Dibromofluoromethane	112	82-122		%REC	1	8/25/2011 2:40:00 PM
Surr: 1,2-Dichloroethane-d4	119	73-135		%REC	1	8/25/2011 2:40:00 PM
Surr: Toluene-d8	93.6	82-117		%REC	1	8/25/2011 2:40:00 PM
Surr: 4-Bromofluorobenzene	96.3	77-119		%REC	1	8/25/2011 2:40:00 PM



**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-09A

**Client Sample ID:** MW-201D  
**Collection Date:** 8/23/2011 9:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260B VOLATILES BY GC/MS</b>		<b>SW8260B</b>				<b>Analyst: SK</b>
Dichlorodifluoromethane	ND	50		µg/L	10	8/26/2011 4:40:00 PM
Chloromethane	ND	50		µg/L	10	8/26/2011 4:40:00 PM
Vinyl chloride	ND	20		µg/L	10	8/26/2011 4:40:00 PM
Chloroethane	ND	50		µg/L	10	8/26/2011 4:40:00 PM
Bromomethane	ND	20		µg/L	10	8/26/2011 4:40:00 PM
Trichlorofluoromethane	ND	20		µg/L	10	8/26/2011 4:40:00 PM
Diethyl ether	ND	50		µg/L	10	8/26/2011 4:40:00 PM
Acetone	ND	100		µg/L	10	8/26/2011 4:40:00 PM
1,1-Dichloroethene	ND	10		µg/L	10	8/26/2011 4:40:00 PM
Carbon disulfide	ND	20		µg/L	10	8/26/2011 4:40:00 PM
Methylene chloride	ND	50		µg/L	10	8/26/2011 4:40:00 PM
Methyl tert-butyl ether	ND	20		µg/L	10	8/26/2011 4:40:00 PM
trans-1,2-Dichloroethene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
1,1-Dichloroethane	ND	20		µg/L	10	8/26/2011 4:40:00 PM
2-Butanone	ND	100		µg/L	10	8/26/2011 4:40:00 PM
2,2-Dichloropropane	ND	20		µg/L	10	8/26/2011 4:40:00 PM
cis-1,2-Dichloroethene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
Chloroform	ND	20		µg/L	10	8/26/2011 4:40:00 PM
Tetrahydrofuran	ND	100		µg/L	10	8/26/2011 4:40:00 PM
Bromochloromethane	ND	20		µg/L	10	8/26/2011 4:40:00 PM
1,1,1-Trichloroethane	ND	20		µg/L	10	8/26/2011 4:40:00 PM
1,1-Dichloropropene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
Carbon tetrachloride	ND	20		µg/L	10	8/26/2011 4:40:00 PM
1,2-Dichloroethane	ND	20		µg/L	10	8/26/2011 4:40:00 PM
Benzene	ND	10		µg/L	10	8/26/2011 4:40:00 PM
Trichloroethene	230	20		µg/L	10	8/26/2011 4:40:00 PM
1,2-Dichloropropane	ND	20		µg/L	10	8/26/2011 4:40:00 PM
Bromodichloromethane	ND	20		µg/L	10	8/26/2011 4:40:00 PM
Dibromomethane	ND	20		µg/L	10	8/26/2011 4:40:00 PM
4-Methyl-2-pentanone	ND	100		µg/L	10	8/26/2011 4:40:00 PM
cis-1,3-Dichloropropene	ND	10		µg/L	10	8/26/2011 4:40:00 PM
Toluene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
trans-1,3-Dichloropropene	ND	10		µg/L	10	8/26/2011 4:40:00 PM
1,1,2-Trichloroethane	ND	20		µg/L	10	8/26/2011 4:40:00 PM
1,2-Dibromoethane	ND	20		µg/L	10	8/26/2011 4:40:00 PM
2-Hexanone	ND	100		µg/L	10	8/26/2011 4:40:00 PM
1,3-Dichloropropane	ND	20		µg/L	10	8/26/2011 4:40:00 PM
Tetrachloroethene	8,400	200		µg/L	100	8/29/2011 12:48:00 PM
Dibromochloromethane	ND	20		µg/L	10	8/26/2011 4:40:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-09A

**Client Sample ID:** MW-201D  
**Collection Date:** 8/23/2011 9:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
1,1,1,2-Tetrachloroethane	ND	20		µg/L	10	8/26/2011 4:40:00 PM
Ethylbenzene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
m,p-Xylene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
o-Xylene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
Styrene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
Bromoform	ND	20		µg/L	10	8/26/2011 4:40:00 PM
Isopropylbenzene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
1,1,1,2-Tetrachloroethane	ND	20		µg/L	10	8/26/2011 4:40:00 PM
1,2,3-Trichloropropane	ND	20		µg/L	10	8/26/2011 4:40:00 PM
Bromobenzene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
n-Propylbenzene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
2-Chlorotoluene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
4-Chlorotoluene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
1,3,5-Trimethylbenzene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
tert-Butylbenzene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
1,2,4-Trimethylbenzene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
sec-Butylbenzene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
4-Isopropyltoluene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
1,3-Dichlorobenzene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
1,4-Dichlorobenzene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
n-Butylbenzene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
1,2-Dichlorobenzene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
1,2-Dibromo-3-chloropropane	ND	50		µg/L	10	8/26/2011 4:40:00 PM
1,2,4-Trichlorobenzene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
Hexachlorobutadiene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
Naphthalene	ND	50		µg/L	10	8/26/2011 4:40:00 PM
1,2,3-Trichlorobenzene	ND	20		µg/L	10	8/26/2011 4:40:00 PM
Surr: Dibromofluoromethane	106	82-122		%REC	10	8/26/2011 4:40:00 PM
Surr: 1,2-Dichloroethane-d4	114	73-135		%REC	10	8/26/2011 4:40:00 PM
Surr: Toluene-d8	94.7	82-117		%REC	10	8/26/2011 4:40:00 PM
Surr: 4-Bromofluorobenzene	94.6	77-119		%REC	10	8/26/2011 4:40:00 PM

# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-10A

**Client Sample ID:** MW-209D  
**Collection Date:** 8/23/2011 10:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260B VOLATILES BY GC/MS</b>		<b>SW8260B</b>		Analyst: SK		
Dichlorodifluoromethane	ND	50		µg/L	10	8/26/2011 5:17:00 PM
Chloromethane	ND	50		µg/L	10	8/26/2011 5:17:00 PM
Vinyl chloride	ND	20		µg/L	10	8/26/2011 5:17:00 PM
Chloroethane	ND	50		µg/L	10	8/26/2011 5:17:00 PM
Bromomethane	ND	20		µg/L	10	8/26/2011 5:17:00 PM
Trichlorofluoromethane	ND	20		µg/L	10	8/26/2011 5:17:00 PM
Diethyl ether	ND	50		µg/L	10	8/26/2011 5:17:00 PM
Acetone	ND	100		µg/L	10	8/26/2011 5:17:00 PM
1,1-Dichloroethene	ND	10		µg/L	10	8/26/2011 5:17:00 PM
Carbon disulfide	ND	20		µg/L	10	8/26/2011 5:17:00 PM
Methylene chloride	ND	50		µg/L	10	8/26/2011 5:17:00 PM
Methyl tert-butyl ether	ND	20		µg/L	10	8/26/2011 5:17:00 PM
trans-1,2-Dichloroethene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
1,1-Dichloroethane	ND	20		µg/L	10	8/26/2011 5:17:00 PM
2-Butanone	ND	100		µg/L	10	8/26/2011 5:17:00 PM
2,2-Dichloropropane	ND	20		µg/L	10	8/26/2011 5:17:00 PM
cis-1,2-Dichloroethene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
Chloroform	ND	20		µg/L	10	8/26/2011 5:17:00 PM
Tetrahydrofuran	ND	100		µg/L	10	8/26/2011 5:17:00 PM
Bromochloromethane	ND	20		µg/L	10	8/26/2011 5:17:00 PM
1,1,1-Trichloroethane	ND	20		µg/L	10	8/26/2011 5:17:00 PM
1,1-Dichloropropene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
Carbon tetrachloride	ND	20		µg/L	10	8/26/2011 5:17:00 PM
1,2-Dichloroethane	ND	20		µg/L	10	8/26/2011 5:17:00 PM
Benzene	ND	10		µg/L	10	8/26/2011 5:17:00 PM
Trichloroethene	200	20		µg/L	10	8/26/2011 5:17:00 PM
1,2-Dichloropropane	ND	20		µg/L	10	8/26/2011 5:17:00 PM
Bromodichloromethane	ND	20		µg/L	10	8/26/2011 5:17:00 PM
Dibromomethane	ND	20		µg/L	10	8/26/2011 5:17:00 PM
4-Methyl-2-pentanone	ND	100		µg/L	10	8/26/2011 5:17:00 PM
cis-1,3-Dichloropropene	ND	10		µg/L	10	8/26/2011 5:17:00 PM
Toluene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
trans-1,3-Dichloropropene	ND	10		µg/L	10	8/26/2011 5:17:00 PM
1,1,2-Trichloroethane	ND	20		µg/L	10	8/26/2011 5:17:00 PM
1,2-Dibromoethane	ND	20		µg/L	10	8/26/2011 5:17:00 PM
2-Hexanone	ND	100		µg/L	10	8/26/2011 5:17:00 PM
1,3-Dichloropropane	ND	20		µg/L	10	8/26/2011 5:17:00 PM
Tetrachloroethene	1,500	20		µg/L	10	8/26/2011 5:17:00 PM
Dibromochloromethane	ND	20		µg/L	10	8/26/2011 5:17:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-10A

**Client Sample ID:** MW-209D  
**Collection Date:** 8/23/2011 10:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
1,1,1,2-Tetrachloroethane	ND	20		µg/L	10	8/26/2011 5:17:00 PM
Ethylbenzene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
m,p-Xylene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
o-Xylene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
Styrene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
Bromoform	ND	20		µg/L	10	8/26/2011 5:17:00 PM
Isopropylbenzene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
1,1,2,2-Tetrachloroethane	ND	20		µg/L	10	8/26/2011 5:17:00 PM
1,2,3-Trichloropropane	ND	20		µg/L	10	8/26/2011 5:17:00 PM
Bromobenzene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
n-Propylbenzene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
2-Chlorotoluene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
4-Chlorotoluene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
1,3,5-Trimethylbenzene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
tert-Butylbenzene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
1,2,4-Trimethylbenzene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
sec-Butylbenzene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
4-Isopropyltoluene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
1,3-Dichlorobenzene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
1,4-Dichlorobenzene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
n-Butylbenzene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
1,2-Dichlorobenzene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
1,2-Dibromo-3-chloropropane	ND	50		µg/L	10	8/26/2011 5:17:00 PM
1,2,4-Trichlorobenzene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
Hexachlorobutadiene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
Naphthalene	ND	50		µg/L	10	8/26/2011 5:17:00 PM
1,2,3-Trichlorobenzene	ND	20		µg/L	10	8/26/2011 5:17:00 PM
Surr: Dibromofluoromethane	107	82-122		%REC	10	8/26/2011 5:17:00 PM
Surr: 1,2-Dichloroethane-d4	118	73-135		%REC	10	8/26/2011 5:17:00 PM
Surr: Toluene-d8	93.6	82-117		%REC	10	8/26/2011 5:17:00 PM
Surr: 4-Bromofluorobenzene	95.8	77-119		%REC	10	8/26/2011 5:17:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-11A

**Client Sample ID:** MW-112  
**Collection Date:** 8/23/2011 10:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260B VOLATILES BY GC/MS</b>						
		<b>SW8260B</b>				Analyst: SK
Dichlorodifluoromethane	ND	50		µg/L	10	8/26/2011 5:55:00 PM
Chloromethane	ND	50		µg/L	10	8/26/2011 5:55:00 PM
Vinyl chloride	ND	20		µg/L	10	8/26/2011 5:55:00 PM
Chloroethane	ND	50		µg/L	10	8/26/2011 5:55:00 PM
Bromomethane	ND	20		µg/L	10	8/26/2011 5:55:00 PM
Trichlorofluoromethane	ND	20		µg/L	10	8/26/2011 5:55:00 PM
Diethyl ether	ND	50		µg/L	10	8/26/2011 5:55:00 PM
Acetone	ND	100		µg/L	10	8/26/2011 5:55:00 PM
1,1-Dichloroethene	ND	10		µg/L	10	8/26/2011 5:55:00 PM
Carbon disulfide	ND	20		µg/L	10	8/26/2011 5:55:00 PM
Methylene chloride	ND	50		µg/L	10	8/26/2011 5:55:00 PM
Methyl tert-butyl ether	ND	20		µg/L	10	8/26/2011 5:55:00 PM
trans-1,2-Dichloroethene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
1,1-Dichloroethane	ND	20		µg/L	10	8/26/2011 5:55:00 PM
2-Butanone	ND	100		µg/L	10	8/26/2011 5:55:00 PM
2,2-Dichloropropane	ND	20		µg/L	10	8/26/2011 5:55:00 PM
cis-1,2-Dichloroethene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
Chloroform	25	20		µg/L	10	8/26/2011 5:55:00 PM
Tetrahydrofuran	ND	100		µg/L	10	8/26/2011 5:55:00 PM
Bromochloromethane	ND	20		µg/L	10	8/26/2011 5:55:00 PM
1,1,1-Trichloroethane	ND	20		µg/L	10	8/26/2011 5:55:00 PM
1,1-Dichloropropene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
Carbon tetrachloride	ND	20		µg/L	10	8/26/2011 5:55:00 PM
1,2-Dichloroethane	ND	20		µg/L	10	8/26/2011 5:55:00 PM
Benzene	ND	10		µg/L	10	8/26/2011 5:55:00 PM
Trichloroethene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
1,2-Dichloropropane	ND	20		µg/L	10	8/26/2011 5:55:00 PM
Bromodichloromethane	ND	20		µg/L	10	8/26/2011 5:55:00 PM
Dibromomethane	ND	20		µg/L	10	8/26/2011 5:55:00 PM
4-Methyl-2-pentanone	ND	100		µg/L	10	8/26/2011 5:55:00 PM
cis-1,3-Dichloropropene	ND	10		µg/L	10	8/26/2011 5:55:00 PM
Toluene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
trans-1,3-Dichloropropene	ND	10		µg/L	10	8/26/2011 5:55:00 PM
1,1,2-Trichloroethane	ND	20		µg/L	10	8/26/2011 5:55:00 PM
1,2-Dibromoethane	ND	20		µg/L	10	8/26/2011 5:55:00 PM
2-Hexanone	ND	100		µg/L	10	8/26/2011 5:55:00 PM
1,3-Dichloropropane	ND	20		µg/L	10	8/26/2011 5:55:00 PM
Tetrachloroethene	550	20		µg/L	10	8/26/2011 5:55:00 PM
Dibromochloromethane	ND	20		µg/L	10	8/26/2011 5:55:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-11A

**Client Sample ID:** MW-112  
**Collection Date:** 8/23/2011 10:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
1,1,1,2-Tetrachloroethane	ND	20		µg/L	10	8/26/2011 5:55:00 PM
Ethylbenzene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
m,p-Xylene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
o-Xylene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
Styrene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
Bromoform	ND	20		µg/L	10	8/26/2011 5:55:00 PM
Isopropylbenzene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
1,1,2,2-Tetrachloroethane	ND	20		µg/L	10	8/26/2011 5:55:00 PM
1,2,3-Trichloropropane	ND	20		µg/L	10	8/26/2011 5:55:00 PM
Bromobenzene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
n-Propylbenzene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
2-Chlorotoluene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
4-Chlorotoluene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
1,3,5-Trimethylbenzene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
tert-Butylbenzene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
1,2,4-Trimethylbenzene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
sec-Butylbenzene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
4-Isopropyltoluene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
1,3-Dichlorobenzene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
1,4-Dichlorobenzene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
n-Butylbenzene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
1,2-Dichlorobenzene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
1,2-Dibromo-3-chloropropane	ND	50		µg/L	10	8/26/2011 5:55:00 PM
1,2,4-Trichlorobenzene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
Hexachlorobutadiene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
Naphthalene	ND	50		µg/L	10	8/26/2011 5:55:00 PM
1,2,3-Trichlorobenzene	ND	20		µg/L	10	8/26/2011 5:55:00 PM
Surr: Dibromofluoromethane	113	82-122		%REC	10	8/26/2011 5:55:00 PM
Surr: 1,2-Dichloroethane-d4	118	73-135		%REC	10	8/26/2011 5:55:00 PM
Surr: Toluene-d8	94.9	82-117		%REC	10	8/26/2011 5:55:00 PM
Surr: 4-Bromofluorobenzene	97.6	77-119		%REC	10	8/26/2011 5:55:00 PM

# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-12A

**Client Sample ID:** MW-218S  
**Collection Date:** 8/23/2011 11:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260B VOLATILES BY GC/MS</b>		<b>SW8260B</b>		Analyst: SK		
Dichlorodifluoromethane	ND	5.0		µg/L	1	8/25/2011 3:14:00 PM
Chloromethane	ND	5.0		µg/L	1	8/25/2011 3:14:00 PM
Vinyl chloride	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
Chloroethane	ND	5.0		µg/L	1	8/25/2011 3:14:00 PM
Bromomethane	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
Diethyl ether	ND	5.0		µg/L	1	8/25/2011 3:14:00 PM
Acetone	61	10		µg/L	1	8/25/2011 3:14:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/25/2011 3:14:00 PM
Carbon disulfide	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
Methylene chloride	ND	5.0		µg/L	1	8/25/2011 3:14:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
2-Butanone	ND	10		µg/L	1	8/25/2011 3:14:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
Chloroform	27	2.0		µg/L	1	8/25/2011 3:14:00 PM
Tetrahydrofuran	ND	10		µg/L	1	8/25/2011 3:14:00 PM
Bromochloromethane	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
Benzene	ND	1.0		µg/L	1	8/25/2011 3:14:00 PM
Trichloroethene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
Dibromomethane	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/25/2011 3:14:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2011 3:14:00 PM
Toluene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2011 3:14:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
2-Hexanone	ND	10		µg/L	1	8/25/2011 3:14:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
Tetrachloroethene	2.3	2.0		µg/L	1	8/25/2011 3:14:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM

# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-12A

**Client Sample ID:** MW-218S  
**Collection Date:** 8/23/2011 11:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
Ethylbenzene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
m,p-Xylene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
o-Xylene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
Styrene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
Bromoform	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
Bromobenzene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	8/25/2011 3:14:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
Naphthalene	ND	5.0		µg/L	1	8/25/2011 3:14:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	8/25/2011 3:14:00 PM
Surr: Dibromofluoromethane	114	82-122		%REC	1	8/25/2011 3:14:00 PM
Surr: 1,2-Dichloroethane-d4	118	73-135		%REC	1	8/25/2011 3:14:00 PM
Surr: Toluene-d8	94.6	82-117		%REC	1	8/25/2011 3:14:00 PM
Surr: 4-Bromofluorobenzene	94.6	77-119		%REC	1	8/25/2011 3:14:00 PM



# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-13A

**Client Sample ID:** MW-218D  
**Collection Date:** 8/23/2011 11:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260B VOLATILES BY GC/MS</b>		<b>SW8260B</b>		Analyst: SK		
Dichlorodifluoromethane	ND	5.0		µg/L	1	8/25/2011 3:49:00 PM
Chloromethane	ND	5.0		µg/L	1	8/25/2011 3:49:00 PM
Vinyl chloride	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
Chloroethane	ND	5.0		µg/L	1	8/25/2011 3:49:00 PM
Bromomethane	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
Diethyl ether	ND	5.0		µg/L	1	8/25/2011 3:49:00 PM
Acetone	ND	10		µg/L	1	8/25/2011 3:49:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/25/2011 3:49:00 PM
Carbon disulfide	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
Methylene chloride	ND	5.0		µg/L	1	8/25/2011 3:49:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
2-Butanone	ND	10		µg/L	1	8/25/2011 3:49:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
Chloroform	49	2.0		µg/L	1	8/25/2011 3:49:00 PM
Tetrahydrofuran	ND	10		µg/L	1	8/25/2011 3:49:00 PM
Bromochloromethane	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
Benzene	ND	1.0		µg/L	1	8/25/2011 3:49:00 PM
Trichloroethene	12	2.0		µg/L	1	8/25/2011 3:49:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
Bromodichloromethane	3.5	2.0		µg/L	1	8/25/2011 3:49:00 PM
Dibromomethane	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/25/2011 3:49:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2011 3:49:00 PM
Toluene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2011 3:49:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
2-Hexanone	ND	10		µg/L	1	8/25/2011 3:49:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
Tetrachloroethene	300	2.0		µg/L	1	8/25/2011 3:49:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM

# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-13A

**Client Sample ID:** MW-218D  
**Collection Date:** 8/23/2011 11:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
Ethylbenzene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
m,p-Xylene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
o-Xylene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
Styrene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
Bromoform	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
Bromobenzene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	8/25/2011 3:49:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
Naphthalene	ND	5.0		µg/L	1	8/25/2011 3:49:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	8/25/2011 3:49:00 PM
Surr: Dibromofluoromethane	111	82-122		%REC	1	8/25/2011 3:49:00 PM
Surr: 1,2-Dichloroethane-d4	119	73-135		%REC	1	8/25/2011 3:49:00 PM
Surr: Toluene-d8	92.0	82-117		%REC	1	8/25/2011 3:49:00 PM
Surr: 4-Bromofluorobenzene	94.8	77-119		%REC	1	8/25/2011 3:49:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-14A

**Client Sample ID:** CW-1  
**Collection Date:** 8/23/2011 12:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260B VOLATILES BY GC/MS</b>		<b>SW8260B</b>				Analyst: SK
Dichlorodifluoromethane	ND	100		µg/L	20	8/29/2011 1:58:00 PM
Chloromethane	ND	100		µg/L	20	8/29/2011 1:58:00 PM
Vinyl chloride	ND	40		µg/L	20	8/29/2011 1:58:00 PM
Chloroethane	ND	100		µg/L	20	8/29/2011 1:58:00 PM
Bromomethane	ND	40		µg/L	20	8/29/2011 1:58:00 PM
Trichlorofluoromethane	ND	40		µg/L	20	8/29/2011 1:58:00 PM
Diethyl ether	ND	100		µg/L	20	8/29/2011 1:58:00 PM
Acetone	ND	200		µg/L	20	8/29/2011 1:58:00 PM
1,1-Dichloroethene	70	20		µg/L	20	8/29/2011 1:58:00 PM
Carbon disulfide	ND	40		µg/L	20	8/29/2011 1:58:00 PM
Methylene chloride	ND	100		µg/L	20	8/29/2011 1:58:00 PM
Methyl tert-butyl ether	ND	40		µg/L	20	8/29/2011 1:58:00 PM
trans-1,2-Dichloroethene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
1,1-Dichloroethane	ND	40		µg/L	20	8/29/2011 1:58:00 PM
2-Butanone	ND	200		µg/L	20	8/29/2011 1:58:00 PM
2,2-Dichloropropane	ND	40		µg/L	20	8/29/2011 1:58:00 PM
cis-1,2-Dichloroethene	1,600	40		µg/L	20	8/29/2011 1:58:00 PM
Chloroform	ND	40		µg/L	20	8/29/2011 1:58:00 PM
Tetrahydrofuran	ND	200		µg/L	20	8/29/2011 1:58:00 PM
Bromochloromethane	ND	40		µg/L	20	8/29/2011 1:58:00 PM
1,1,1-Trichloroethane	ND	40		µg/L	20	8/29/2011 1:58:00 PM
1,1-Dichloropropene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
Carbon tetrachloride	ND	40		µg/L	20	8/29/2011 1:58:00 PM
1,2-Dichloroethane	ND	40		µg/L	20	8/29/2011 1:58:00 PM
Benzene	ND	20		µg/L	20	8/29/2011 1:58:00 PM
Trichloroethene	480	40		µg/L	20	8/29/2011 1:58:00 PM
1,2-Dichloropropane	ND	40		µg/L	20	8/29/2011 1:58:00 PM
Bromodichloromethane	ND	40		µg/L	20	8/29/2011 1:58:00 PM
Dibromomethane	ND	40		µg/L	20	8/29/2011 1:58:00 PM
4-Methyl-2-pentanone	ND	200		µg/L	20	8/29/2011 1:58:00 PM
cis-1,3-Dichloropropene	ND	20		µg/L	20	8/29/2011 1:58:00 PM
Toluene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
trans-1,3-Dichloropropene	ND	20		µg/L	20	8/29/2011 1:58:00 PM
1,1,2-Trichloroethane	ND	40		µg/L	20	8/29/2011 1:58:00 PM
1,2-Dibromoethane	ND	40		µg/L	20	8/29/2011 1:58:00 PM
2-Hexanone	ND	200		µg/L	20	8/29/2011 1:58:00 PM
1,3-Dichloropropane	ND	40		µg/L	20	8/29/2011 1:58:00 PM
Tetrachloroethene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
Dibromochloromethane	ND	40		µg/L	20	8/29/2011 1:58:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-14A

**Client Sample ID:** CW-1  
**Collection Date:** 8/23/2011 12:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
1,1,1,2-Tetrachloroethane	ND	40		µg/L	20	8/29/2011 1:58:00 PM
Ethylbenzene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
m,p-Xylene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
o-Xylene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
Styrene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
Bromoform	ND	40		µg/L	20	8/29/2011 1:58:00 PM
Isopropylbenzene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
1,1,1,2-Tetrachloroethane	ND	40		µg/L	20	8/29/2011 1:58:00 PM
1,2,3-Trichloropropane	ND	40		µg/L	20	8/29/2011 1:58:00 PM
Bromobenzene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
n-Propylbenzene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
2-Chlorotoluene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
4-Chlorotoluene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
1,3,5-Trimethylbenzene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
tert-Butylbenzene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
1,2,4-Trimethylbenzene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
sec-Butylbenzene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
4-Isopropyltoluene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
1,3-Dichlorobenzene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
1,4-Dichlorobenzene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
n-Butylbenzene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
1,2-Dichlorobenzene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
1,2-Dibromo-3-chloropropane	ND	100		µg/L	20	8/29/2011 1:58:00 PM
1,2,4-Trichlorobenzene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
Hexachlorobutadiene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
Naphthalene	ND	100		µg/L	20	8/29/2011 1:58:00 PM
1,2,3-Trichlorobenzene	ND	40		µg/L	20	8/29/2011 1:58:00 PM
Surr: Dibromofluoromethane	105	82-122		%REC	20	8/29/2011 1:58:00 PM
Surr: 1,2-Dichloroethane-d4	115	73-135		%REC	20	8/29/2011 1:58:00 PM
Surr: Toluene-d8	92.6	82-117		%REC	20	8/29/2011 1:58:00 PM
Surr: 4-Bromofluorobenzene	96.8	77-119		%REC	20	8/29/2011 1:58:00 PM

# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-15A

**Client Sample ID:** CW-2  
**Collection Date:** 8/23/2011 12:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260B VOLATILES BY GC/MS</b>		<b>SW8260B</b>		Analyst: SK		
Dichlorodifluoromethane	ND	5.0		µg/L	1	8/25/2011 4:23:00 PM
Chloromethane	ND	5.0		µg/L	1	8/25/2011 4:23:00 PM
Vinyl chloride	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
Chloroethane	ND	5.0		µg/L	1	8/25/2011 4:23:00 PM
Bromomethane	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
Diethyl ether	ND	5.0		µg/L	1	8/25/2011 4:23:00 PM
Acetone	ND	10		µg/L	1	8/25/2011 4:23:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/25/2011 4:23:00 PM
Carbon disulfide	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
Methylene chloride	ND	5.0		µg/L	1	8/25/2011 4:23:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
2-Butanone	ND	10		µg/L	1	8/25/2011 4:23:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
Chloroform	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
Tetrahydrofuran	ND	10		µg/L	1	8/25/2011 4:23:00 PM
Bromochloromethane	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
Benzene	ND	1.0		µg/L	1	8/25/2011 4:23:00 PM
Trichloroethene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
Dibromomethane	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/25/2011 4:23:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2011 4:23:00 PM
Toluene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2011 4:23:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
2-Hexanone	ND	10		µg/L	1	8/25/2011 4:23:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-15A

**Client Sample ID:** CW-2  
**Collection Date:** 8/23/2011 12:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
Ethylbenzene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
m,p-Xylene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
o-Xylene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
Styrene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
Bromoform	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
Bromobenzene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	8/25/2011 4:23:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
Naphthalene	ND	5.0		µg/L	1	8/25/2011 4:23:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	8/25/2011 4:23:00 PM
Surr: Dibromofluoromethane	112	82-122		%REC	1	8/25/2011 4:23:00 PM
Surr: 1,2-Dichloroethane-d4	122	73-135		%REC	1	8/25/2011 4:23:00 PM
Surr: Toluene-d8	95.2	82-117		%REC	1	8/25/2011 4:23:00 PM
Surr: 4-Bromofluorobenzene	95.6	77-119		%REC	1	8/25/2011 4:23:00 PM

# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-16A

**Client Sample ID:** MW-216D  
**Collection Date:** 8/23/2011 1:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260B VOLATILES BY GC/MS</b>						
		<b>SW8260B</b>				Analyst: SK
Dichlorodifluoromethane	ND	5.0		µg/L	1	8/25/2011 4:57:00 PM
Chloromethane	ND	5.0		µg/L	1	8/25/2011 4:57:00 PM
Vinyl chloride	3.9	2.0		µg/L	1	8/25/2011 4:57:00 PM
Chloroethane	ND	5.0		µg/L	1	8/25/2011 4:57:00 PM
Bromomethane	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
Diethyl ether	ND	5.0		µg/L	1	8/25/2011 4:57:00 PM
Acetone	ND	10		µg/L	1	8/25/2011 4:57:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/25/2011 4:57:00 PM
Carbon disulfide	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
Methylene chloride	ND	5.0		µg/L	1	8/25/2011 4:57:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
2-Butanone	ND	10		µg/L	1	8/25/2011 4:57:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
cis-1,2-Dichloroethene	3.0	2.0		µg/L	1	8/25/2011 4:57:00 PM
Chloroform	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
Tetrahydrofuran	ND	10		µg/L	1	8/25/2011 4:57:00 PM
Bromochloromethane	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
Benzene	ND	1.0		µg/L	1	8/25/2011 4:57:00 PM
Trichloroethene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
Dibromomethane	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/25/2011 4:57:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2011 4:57:00 PM
Toluene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2011 4:57:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
2-Hexanone	ND	10		µg/L	1	8/25/2011 4:57:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-16A

**Client Sample ID:** MW-216D  
**Collection Date:** 8/23/2011 1:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
Ethylbenzene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
m,p-Xylene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
o-Xylene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
Styrene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
Bromoform	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
Bromobenzene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	8/25/2011 4:57:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
Naphthalene	ND	5.0		µg/L	1	8/25/2011 4:57:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	8/25/2011 4:57:00 PM
Surr: Dibromofluoromethane	111	82-122		%REC	1	8/25/2011 4:57:00 PM
Surr: 1,2-Dichloroethane-d4	117	73-135		%REC	1	8/25/2011 4:57:00 PM
Surr: Toluene-d8	92.4	82-117		%REC	1	8/25/2011 4:57:00 PM
Surr: 4-Bromofluorobenzene	96.9	77-119		%REC	1	8/25/2011 4:57:00 PM



# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-17A

**Client Sample ID:** MW-216S  
**Collection Date:** 8/23/2011 1:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260B VOLATILES BY GC/MS</b>		<b>SW8260B</b>				Analyst: SK
Dichlorodifluoromethane	ND	5.0		µg/L	1	8/25/2011 5:32:00 PM
Chloromethane	ND	5.0		µg/L	1	8/25/2011 5:32:00 PM
Vinyl chloride	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
Chloroethane	ND	5.0		µg/L	1	8/25/2011 5:32:00 PM
Bromomethane	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
Diethyl ether	ND	5.0		µg/L	1	8/25/2011 5:32:00 PM
Acetone	ND	10		µg/L	1	8/25/2011 5:32:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/25/2011 5:32:00 PM
Carbon disulfide	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
Methylene chloride	ND	5.0		µg/L	1	8/25/2011 5:32:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
2-Butanone	ND	10		µg/L	1	8/25/2011 5:32:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
cis-1,2-Dichloroethene	52	2.0		µg/L	1	8/25/2011 5:32:00 PM
Chloroform	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
Tetrahydrofuran	ND	10		µg/L	1	8/25/2011 5:32:00 PM
Bromochloromethane	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
Benzene	ND	1.0		µg/L	1	8/25/2011 5:32:00 PM
Trichloroethene	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
Dibromomethane	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/25/2011 5:32:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2011 5:32:00 PM
Toluene	2.0	2.0		µg/L	1	8/25/2011 5:32:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2011 5:32:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
2-Hexanone	ND	10		µg/L	1	8/25/2011 5:32:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM

# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-17A

**Client Sample ID:** MW-216S  
**Collection Date:** 8/23/2011 1:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
Ethylbenzene	3.5	2.0		µg/L	1	8/25/2011 5:32:00 PM
m,p-Xylene	8.5	2.0		µg/L	1	8/25/2011 5:32:00 PM
o-Xylene	12	2.0		µg/L	1	8/25/2011 5:32:00 PM
Styrene	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
Bromoform	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
Bromobenzene	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
1,3,5-Trimethylbenzene	12	2.0		µg/L	1	8/25/2011 5:32:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
1,2,4-Trimethylbenzene	16	2.0		µg/L	1	8/25/2011 5:32:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	8/25/2011 5:32:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
Naphthalene	24	5.0		µg/L	1	8/25/2011 5:32:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	8/25/2011 5:32:00 PM
Surr: Dibromofluoromethane	111	82-122		%REC	1	8/25/2011 5:32:00 PM
Surr: 1,2-Dichloroethane-d4	121	73-135		%REC	1	8/25/2011 5:32:00 PM
Surr: Toluene-d8	91.2	82-117		%REC	1	8/25/2011 5:32:00 PM
Surr: 4-Bromofluorobenzene	97.3	77-119		%REC	1	8/25/2011 5:32:00 PM

# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-18A

**Client Sample ID:** MW-217D  
**Collection Date:** 8/23/2011 2:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260B VOLATILES BY GC/MS</b>		<b>SW8260B</b>		Analyst: SK		
Dichlorodifluoromethane	ND	5.0		µg/L	1	8/25/2011 6:06:00 PM
Chloromethane	ND	5.0		µg/L	1	8/25/2011 6:06:00 PM
Vinyl chloride	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
Chloroethane	ND	5.0		µg/L	1	8/25/2011 6:06:00 PM
Bromomethane	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
Diethyl ether	ND	5.0		µg/L	1	8/25/2011 6:06:00 PM
Acetone	ND	10		µg/L	1	8/25/2011 6:06:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/25/2011 6:06:00 PM
Carbon disulfide	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
Methylene chloride	ND	5.0		µg/L	1	8/25/2011 6:06:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
2-Butanone	ND	10		µg/L	1	8/25/2011 6:06:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
cis-1,2-Dichloroethene	9.1	2.0		µg/L	1	8/25/2011 6:06:00 PM
Chloroform	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
Tetrahydrofuran	ND	10		µg/L	1	8/25/2011 6:06:00 PM
Bromochloromethane	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
Benzene	ND	1.0		µg/L	1	8/25/2011 6:06:00 PM
Trichloroethene	6.2	2.0		µg/L	1	8/25/2011 6:06:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
Dibromomethane	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/25/2011 6:06:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2011 6:06:00 PM
Toluene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2011 6:06:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
2-Hexanone	ND	10		µg/L	1	8/25/2011 6:06:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM

# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-18A

**Client Sample ID:** MW-217D  
**Collection Date:** 8/23/2011 2:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
Ethylbenzene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
m,p-Xylene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
o-Xylene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
Styrene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
Bromoform	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
Bromobenzene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	8/25/2011 6:06:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
Naphthalene	ND	5.0		µg/L	1	8/25/2011 6:06:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	8/25/2011 6:06:00 PM
Surr: Dibromofluoromethane	99.3	82-122		%REC	1	8/25/2011 6:06:00 PM
Surr: 1,2-Dichloroethane-d4	101	73-135		%REC	1	8/25/2011 6:06:00 PM
Surr: Toluene-d8	92.7	82-117		%REC	1	8/25/2011 6:06:00 PM
Surr: 4-Bromofluorobenzene	97.2	77-119		%REC	1	8/25/2011 6:06:00 PM

# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-19A

**Client Sample ID:** MW-217S  
**Collection Date:** 8/23/2011 2:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260B VOLATILES BY GC/MS</b>		<b>SW8260B</b>		Analyst: SK		
Dichlorodifluoromethane	ND	5.0		µg/L	1	8/26/2011 12:35:00 PM
Chloromethane	ND	5.0		µg/L	1	8/26/2011 12:35:00 PM
Vinyl chloride	12	2.0		µg/L	1	8/26/2011 12:35:00 PM
Chloroethane	ND	5.0		µg/L	1	8/26/2011 12:35:00 PM
Bromomethane	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
Diethyl ether	ND	5.0		µg/L	1	8/26/2011 12:35:00 PM
Acetone	ND	10		µg/L	1	8/26/2011 12:35:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2011 12:35:00 PM
Carbon disulfide	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
Methylene chloride	ND	5.0		µg/L	1	8/26/2011 12:35:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
2-Butanone	ND	10		µg/L	1	8/26/2011 12:35:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
cis-1,2-Dichloroethene	15	2.0		µg/L	1	8/26/2011 12:35:00 PM
Chloroform	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
Tetrahydrofuran	ND	10		µg/L	1	8/26/2011 12:35:00 PM
Bromochloromethane	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
Benzene	ND	1.0		µg/L	1	8/26/2011 12:35:00 PM
Trichloroethene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
Dibromomethane	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2011 12:35:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2011 12:35:00 PM
Toluene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2011 12:35:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
2-Hexanone	ND	10		µg/L	1	8/26/2011 12:35:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
Tetrachloroethene	4.0	2.0		µg/L	1	8/26/2011 12:35:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-19A

**Client Sample ID:** MW-217S  
**Collection Date:** 8/23/2011 2:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
Ethylbenzene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
m,p-Xylene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
o-Xylene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
Styrene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
Bromoform	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
Bromobenzene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	8/26/2011 12:35:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
Naphthalene	ND	5.0		µg/L	1	8/26/2011 12:35:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	8/26/2011 12:35:00 PM
Surr: Dibromofluoromethane	108	82-122		%REC	1	8/26/2011 12:35:00 PM
Surr: 1,2-Dichloroethane-d4	113	73-135		%REC	1	8/26/2011 12:35:00 PM
Surr: Toluene-d8	94.5	82-117		%REC	1	8/26/2011 12:35:00 PM
Surr: 4-Bromofluorobenzene	96.6	77-119		%REC	1	8/26/2011 12:35:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-20A

**Client Sample ID:** MW-116D  
**Collection Date:** 8/23/2011 10:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260B VOLATILES BY GC/MS</b>		<b>SW8260B</b>		Analyst: SK		
Dichlorodifluoromethane	ND	5.0		µg/L	1	8/26/2011 1:09:00 PM
Chloromethane	ND	5.0		µg/L	1	8/26/2011 1:09:00 PM
Vinyl chloride	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
Chloroethane	ND	5.0		µg/L	1	8/26/2011 1:09:00 PM
Bromomethane	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
Diethyl ether	ND	5.0		µg/L	1	8/26/2011 1:09:00 PM
Acetone	ND	10		µg/L	1	8/26/2011 1:09:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2011 1:09:00 PM
Carbon disulfide	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
Methylene chloride	ND	5.0		µg/L	1	8/26/2011 1:09:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
2-Butanone	ND	10		µg/L	1	8/26/2011 1:09:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
Chloroform	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
Tetrahydrofuran	ND	10		µg/L	1	8/26/2011 1:09:00 PM
Bromochloromethane	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
Benzene	ND	1.0		µg/L	1	8/26/2011 1:09:00 PM
Trichloroethene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
Dibromomethane	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2011 1:09:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2011 1:09:00 PM
Toluene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2011 1:09:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
2-Hexanone	ND	10		µg/L	1	8/26/2011 1:09:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM

# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-20A

**Client Sample ID:** MW-116D  
**Collection Date:** 8/23/2011 10:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
Ethylbenzene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
m,p-Xylene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
o-Xylene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
Styrene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
Bromoform	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
Bromobenzene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	8/26/2011 1:09:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
Naphthalene	ND	5.0		µg/L	1	8/26/2011 1:09:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	8/26/2011 1:09:00 PM
Surr: Dibromofluoromethane	106	82-122		%REC	1	8/26/2011 1:09:00 PM
Surr: 1,2-Dichloroethane-d4	116	73-135		%REC	1	8/26/2011 1:09:00 PM
Surr: Toluene-d8	95.4	82-117		%REC	1	8/26/2011 1:09:00 PM
Surr: 4-Bromofluorobenzene	100	77-119		%REC	1	8/26/2011 1:09:00 PM



**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-21A

**Client Sample ID:** MW-116S  
**Collection Date:** 8/23/2011 10:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260B VOLATILES BY GC/MS</b>		<b>SW8260B</b>		Analyst: SK		
Dichlorodifluoromethane	ND	5.0		µg/L	1	8/26/2011 1:44:00 PM
Chloromethane	ND	5.0		µg/L	1	8/26/2011 1:44:00 PM
Vinyl chloride	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
Chloroethane	ND	5.0		µg/L	1	8/26/2011 1:44:00 PM
Bromomethane	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
Diethyl ether	ND	5.0		µg/L	1	8/26/2011 1:44:00 PM
Acetone	ND	10		µg/L	1	8/26/2011 1:44:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2011 1:44:00 PM
Carbon disulfide	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
Methylene chloride	ND	5.0		µg/L	1	8/26/2011 1:44:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
2-Butanone	ND	10		µg/L	1	8/26/2011 1:44:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
Chloroform	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
Tetrahydrofuran	ND	10		µg/L	1	8/26/2011 1:44:00 PM
Bromochloromethane	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
Benzene	ND	1.0		µg/L	1	8/26/2011 1:44:00 PM
Trichloroethene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
Dibromomethane	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2011 1:44:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2011 1:44:00 PM
Toluene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2011 1:44:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
2-Hexanone	ND	10		µg/L	1	8/26/2011 1:44:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM

# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-21A

**Client Sample ID:** MW-116S  
**Collection Date:** 8/23/2011 10:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
Ethylbenzene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
m,p-Xylene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
o-Xylene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
Styrene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
Bromoform	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
Bromobenzene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	8/26/2011 1:44:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
Naphthalene	ND	5.0		µg/L	1	8/26/2011 1:44:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	8/26/2011 1:44:00 PM
Surr: Dibromofluoromethane	108	82-122		%REC	1	8/26/2011 1:44:00 PM
Surr: 1,2-Dichloroethane-d4	115	73-135		%REC	1	8/26/2011 1:44:00 PM
Surr: Toluene-d8	93.9	82-117		%REC	1	8/26/2011 1:44:00 PM
Surr: 4-Bromofluorobenzene	99.9	77-119		%REC	1	8/26/2011 1:44:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-22A

**Client Sample ID:** GZA-3  
**Collection Date:** 8/23/2011 11:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260B VOLATILES BY GC/MS</b>		<b>SW8260B</b>		Analyst: SK		
Dichlorodifluoromethane	ND	5.0		µg/L	1	8/26/2011 2:19:00 PM
Chloromethane	ND	5.0		µg/L	1	8/26/2011 2:19:00 PM
Vinyl chloride	6.9	2.0		µg/L	1	8/26/2011 2:19:00 PM
Chloroethane	ND	5.0		µg/L	1	8/26/2011 2:19:00 PM
Bromomethane	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
Diethyl ether	ND	5.0		µg/L	1	8/26/2011 2:19:00 PM
Acetone	ND	10		µg/L	1	8/26/2011 2:19:00 PM
1,1-Dichloroethene	1.1	1.0		µg/L	1	8/26/2011 2:19:00 PM
Carbon disulfide	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
Methylene chloride	ND	5.0		µg/L	1	8/26/2011 2:19:00 PM
Methyl tert-butyl ether	13	2.0		µg/L	1	8/26/2011 2:19:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
2-Butanone	ND	10		µg/L	1	8/26/2011 2:19:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
cis-1,2-Dichloroethene	57	2.0		µg/L	1	8/26/2011 2:19:00 PM
Chloroform	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
Tetrahydrofuran	ND	10		µg/L	1	8/26/2011 2:19:00 PM
Bromochloromethane	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
Benzene	ND	1.0		µg/L	1	8/26/2011 2:19:00 PM
Trichloroethene	20	2.0		µg/L	1	8/26/2011 2:19:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
Dibromomethane	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2011 2:19:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2011 2:19:00 PM
Toluene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2011 2:19:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
2-Hexanone	ND	10		µg/L	1	8/26/2011 2:19:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-22A

**Client Sample ID:** GZA-3  
**Collection Date:** 8/23/2011 11:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
Ethylbenzene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
m,p-Xylene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
o-Xylene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
Styrene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
Bromoform	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
Bromobenzene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	8/26/2011 2:19:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
Naphthalene	ND	5.0		µg/L	1	8/26/2011 2:19:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	8/26/2011 2:19:00 PM
Surr: Dibromofluoromethane	107	82-122		%REC	1	8/26/2011 2:19:00 PM
Surr: 1,2-Dichloroethane-d4	112	73-135		%REC	1	8/26/2011 2:19:00 PM
Surr: Toluene-d8	93.3	82-117		%REC	1	8/26/2011 2:19:00 PM
Surr: 4-Bromofluorobenzene	97.9	77-119		%REC	1	8/26/2011 2:19:00 PM

# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

CLIENT: Shaw Environmental & Infrastructure, Inc.

Client Sample ID: MW-109D

Lab Order: 1108060

Collection Date: 8/23/2011 12:30:00 PM

Project: 130274 Textron Providence

Matrix: GROUNDWATER

Lab ID: 1108060-23A

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260B VOLATILES BY GC/MS</b>		<b>SW8260B</b>		Analyst: SK		
Dichlorodifluoromethane	ND	5.0		µg/L	1	8/26/2011 2:54:00 PM
Chloromethane	ND	5.0		µg/L	1	8/26/2011 2:54:00 PM
Vinyl chloride	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
Chloroethane	ND	5.0		µg/L	1	8/26/2011 2:54:00 PM
Bromomethane	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
Diethyl ether	ND	5.0		µg/L	1	8/26/2011 2:54:00 PM
Acetone	ND	10		µg/L	1	8/26/2011 2:54:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2011 2:54:00 PM
Carbon disulfide	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
Methylene chloride	ND	5.0		µg/L	1	8/26/2011 2:54:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
2-Butanone	ND	10		µg/L	1	8/26/2011 2:54:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
Chloroform	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
Tetrahydrofuran	ND	10		µg/L	1	8/26/2011 2:54:00 PM
Bromochloromethane	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
Benzene	ND	1.0		µg/L	1	8/26/2011 2:54:00 PM
Trichloroethene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
Dibromomethane	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2011 2:54:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2011 2:54:00 PM
Toluene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2011 2:54:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
2-Hexanone	ND	10		µg/L	1	8/26/2011 2:54:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM

# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-23A

**Client Sample ID:** MW-109D  
**Collection Date:** 8/23/2011 12:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
Ethylbenzene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
m,p-Xylene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
o-Xylene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
Styrene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
Bromoform	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
Bromobenzene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	8/26/2011 2:54:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
Naphthalene	ND	5.0		µg/L	1	8/26/2011 2:54:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	8/26/2011 2:54:00 PM
Surr: Dibromofluoromethane	109	82-122		%REC	1	8/26/2011 2:54:00 PM
Surr: 1,2-Dichloroethane-d4	111	73-135		%REC	1	8/26/2011 2:54:00 PM
Surr: Toluene-d8	95.6	82-117		%REC	1	8/26/2011 2:54:00 PM
Surr: 4-Bromofluorobenzene	96.6	77-119		%REC	1	8/26/2011 2:54:00 PM

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

## QC SUMMARY REPORT

Method Blank

CLIENT: Shaw Environmental & Infrastructure, Inc.

Work Order: 1108060

Project: 130274 Textron Providence

Sample ID mb-08/25/11 Batch ID: R47290 Test Code: SW8260B Units: µg/L Analysis Date 8/25/11 10:36:00 AM Prep Date 8/25/11  
 Client ID: Run ID: V-3\_110825A SeqNo: 786468

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	ND	5.0	µg/L									
Chloromethane	ND	5.0	µg/L									
Vinyl chloride	ND	2.0	µg/L									
Chloroethane	ND	5.0	µg/L									
Bromomethane	ND	2.0	µg/L									
Trichlorofluoromethane	ND	2.0	µg/L									
Diethyl ether	ND	5.0	µg/L									
Acetone	ND	10	µg/L									
1,1-Dichloroethene	ND	1.0	µg/L									
Carbon disulfide	ND	2.0	µg/L									
Methylene chloride	ND	5.0	µg/L									
Methyl tert-butyl ether	ND	2.0	µg/L									
trans-1,2-Dichloroethene	ND	2.0	µg/L									
1,1-Dichloroethane	ND	2.0	µg/L									
2-Butanone	ND	10	µg/L									
2,2-Dichloropropane	ND	2.0	µg/L									
cis-1,2-Dichloroethene	ND	2.0	µg/L									
Chloroform	ND	2.0	µg/L									
Tetrahydrofuran	ND	10	µg/L									
Bromochloromethane	ND	2.0	µg/L									
1,1,1-Trichloroethane	ND	2.0	µg/L									
1,1-Dichloropropene	ND	2.0	µg/L									
Carbon tetrachloride	ND	2.0	µg/L									
1,2-Dichloroethane	ND	2.0	µg/L									
Benzene	ND	1.0	µg/L									

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
 NA - Not applicable where J values or ND results occur

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

CLIENT: Shaw Environmental & Infrastructure, Inc.

Work Order: 1108060

Project: 130274 Textron Providence

## QC SUMMARY REPORT

Method Blank

Trichloroethene	ND	2.0	µg/L
1,2-Dichloropropane	ND	2.0	µg/L
Bromodichloromethane	ND	2.0	µg/L
Dibromomethane	ND	2.0	µg/L
4-Methyl-2-pentanone	ND	10	µg/L
cis-1,3-Dichloropropene	ND	1.0	µg/L
Toluene	ND	2.0	µg/L
trans-1,3-Dichloropropene	ND	1.0	µg/L
1,1,2-Trichloroethane	ND	2.0	µg/L
1,2-Dibromoethane	ND	2.0	µg/L
2-Hexanone	ND	10	µg/L
1,3-Dichloropropane	ND	2.0	µg/L
Tetrachloroethene	ND	2.0	µg/L
Dibromochloromethane	ND	2.0	µg/L
Chlorobenzene	ND	2.0	µg/L
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L
Ethylbenzene	ND	2.0	µg/L
m,p-Xylene	ND	2.0	µg/L
o-Xylene	ND	2.0	µg/L
Styrene	ND	2.0	µg/L
Bromoform	ND	2.0	µg/L
Isopropylbenzene	ND	2.0	µg/L
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L
1,2,3-Trichloropropane	ND	2.0	µg/L
Bromobenzene	ND	2.0	µg/L
n-Propylbenzene	ND	2.0	µg/L
2-Chlorotoluene	ND	2.0	µg/L
4-Chlorotoluene	ND	2.0	µg/L
1,3,5-Trimethylbenzene	ND	2.0	µg/L
tert-Butylbenzene	ND	2.0	µg/L
1,2,4-Trimethylbenzene	ND	2.0	µg/L

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.



# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

CLIENT: Shaw Environmental & Infrastructure, Inc.

Work Order: 1108060

Project: 130274 Textron Providence

## QC SUMMARY REPORT

Method Blank

Compound	Reporting Limit	Concentration (µg/L)	Recovery (%)	Acceptance	Notes
sec-Butylbenzene	ND	2.0			
4-Isopropyltoluene	ND	2.0			
1,3-Dichlorobenzene	ND	2.0			
1,4-Dichlorobenzene	ND	2.0			
n-Butylbenzene	ND	2.0			
1,2-Dichlorobenzene	ND	2.0			
1,2-Dibromo-3-chloropropane	ND	5.0			
1,2,4-Trichlorobenzene	ND	2.0			
Hexachlorobutadiene	ND	2.0			
Naphthalene	ND	5.0			
1,2,3-Trichlorobenzene	ND	2.0			
Surr: Dibromofluoromethane	25.63	2.0	103	82	122
Surr: 1,2-Dichloroethane-d4	29.26	2.0	117	73	135
Surr: Toluene-d8	23.55	2.0	94.2	82	117
Surr: 4-Bromofluorobenzene	24.11	2.0	96.4	77	119

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

## QC SUMMARY REPORT

Method Blank

CLIENT: Shaw Environmental & Infrastructure, Inc.  
 Work Order: 1108060  
 Project: 130274 Textron Providence

Sample ID mb-08/26/11 Batch ID: R47299 Test Code: SW8260B Units: µg/L Analysis Date 8/26/11 10:17:00 AM Prep Date 8/26/11  
 Client ID: Run ID: V-3\_110826A SeqNo: 786665

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	ND	5.0	µg/L									
Chloromethane	ND	5.0	µg/L									
Vinyl chloride	ND	2.0	µg/L									
Chloroethane	ND	5.0	µg/L									
Bromomethane	ND	2.0	µg/L									
Trichlorofluoromethane	ND	2.0	µg/L									
Diethyl ether	ND	5.0	µg/L									
Acetone	ND	10	µg/L									
1,1-Dichloroethene	ND	1.0	µg/L									
Carbon disulfide	ND	2.0	µg/L									
Methylene chloride	ND	5.0	µg/L									
Methyl tert-butyl ether	ND	2.0	µg/L									
trans-1,2-Dichloroethene	ND	2.0	µg/L									
1,1-Dichloroethane	ND	2.0	µg/L									
2-Butanone	ND	10	µg/L									
2,2-Dichloropropane	ND	2.0	µg/L									
cis-1,2-Dichloroethene	ND	2.0	µg/L									
Chloroform	ND	2.0	µg/L									
Tetrahydrofuran	ND	10	µg/L									
Bromochloromethane	ND	2.0	µg/L									
1,1,1-Trichloroethane	ND	2.0	µg/L									
1,1-Dichloropropene	ND	2.0	µg/L									
Carbon tetrachloride	ND	2.0	µg/L									
1,2-Dichloroethane	ND	2.0	µg/L									
Benzene	ND	1.0	µg/L									

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

## QC SUMMARY REPORT Method Blank

CLIENT: Shaw Environmental & Infrastructure, Inc.

Work Order: 1108060

Project: 130274 Textron Providence

Trichloroethene	ND	2.0	µg/L
1,2-Dichloropropane	ND	2.0	µg/L
Bromodichloromethane	ND	2.0	µg/L
Dibromomethane	ND	2.0	µg/L
4-Methyl-2-pentanone	ND	10	µg/L
cis-1,3-Dichloropropene	ND	1.0	µg/L
Toluene	ND	2.0	µg/L
trans-1,3-Dichloropropene	ND	1.0	µg/L
1,1,2-Trichloroethane	ND	2.0	µg/L
1,2-Dibromoethane	ND	2.0	µg/L
2-Hexanone	ND	10	µg/L
1,3-Dichloropropane	ND	2.0	µg/L
Tetrachloroethene	ND	2.0	µg/L
Dibromochloromethane	ND	2.0	µg/L
Chlorobenzene	ND	2.0	µg/L
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L
Ethylbenzene	ND	2.0	µg/L
m,p-Xylene	ND	2.0	µg/L
o-Xylene	ND	2.0	µg/L
Styrene	ND	2.0	µg/L
Bromoform	ND	2.0	µg/L
Isopropylbenzene	ND	2.0	µg/L
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L
1,2,3-Trichloropropane	ND	2.0	µg/L
Bromobenzene	ND	2.0	µg/L
n-Propylbenzene	ND	2.0	µg/L
2-Chlorotoluene	ND	2.0	µg/L
4-Chlorotoluene	ND	2.0	µg/L
1,3,5-Trimethylbenzene	ND	2.0	µg/L
tert-Butylbenzene	ND	2.0	µg/L
1,2,4-Trimethylbenzene	ND	2.0	µg/L

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Work Order:** 1108060  
**Project:** 130274 Textron Providence

## QC SUMMARY REPORT

Method Blank

Compound	Reporting Limit	Concentration (µg/L)	Recovery (%)	Acceptance	Notes
sec-Butylbenzene	ND	2.0	µg/L		
4-Isopropyltoluene	ND	2.0	µg/L		
1,3-Dichlorobenzene	ND	2.0	µg/L		
1,4-Dichlorobenzene	ND	2.0	µg/L		
n-Butylbenzene	ND	2.0	µg/L		
1,2-Dichlorobenzene	ND	2.0	µg/L		
1,2-Dibromo-3-chloropropane	ND	5.0	µg/L		
1,2,4-Trichlorobenzene	ND	2.0	µg/L		
Hexachlorobutadiene	ND	2.0	µg/L		
Naphthalene	ND	5.0	µg/L		
1,2,3-Trichlorobenzene	ND	2.0	µg/L		
Surr: Dibromofluoromethane	25.89	2.0	µg/L	25	0 104 82 122 0
Surr: 1,2-Dichloroethane-d4	26.35	2.0	µg/L	25	0 105 73 135 0
Surr: Toluene-d8	23.54	2.0	µg/L	25	0 94.2 82 117 0
Surr: 4-Bromofluorobenzene	24.48	2.0	µg/L	25	0 97.9 77 119 0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

## QC SUMMARY REPORT

Method Blank

CLIENT: Shaw Environmental & Infrastructure, Inc.

Work Order: 1108060

Project: 130274 Textron Providence

Sample ID mb-08/29/11 Batch ID: R47312 Test Code: SW8260B Units: µg/L Analysis Date 8/29/11 10:36:00 AM Prep Date 8/29/11  
 Client ID: Run ID: V-3\_110829A SeqNo: 786862

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	ND	5.0	µg/L									
Chloromethane	ND	5.0	µg/L									
Vinyl chloride	ND	2.0	µg/L									
Chloroethane	ND	5.0	µg/L									
Bromomethane	ND	2.0	µg/L									
Trichlorofluoromethane	ND	2.0	µg/L									
Diethyl ether	ND	5.0	µg/L									
Acetone	ND	10	µg/L									
1,1-Dichloroethene	ND	1.0	µg/L									
Carbon disulfide	ND	2.0	µg/L									
Methylene chloride	ND	5.0	µg/L									
Methyl tert-butyl ether	ND	2.0	µg/L									
trans-1,2-Dichloroethene	ND	2.0	µg/L									
1,1-Dichloroethane	ND	2.0	µg/L									
2-Butanone	ND	10	µg/L									
2,2-Dichloropropane	ND	2.0	µg/L									
cis-1,2-Dichloroethene	ND	2.0	µg/L									
Chloroform	ND	2.0	µg/L									
Tetrahydrofuran	ND	10	µg/L									
Bromochloromethane	ND	2.0	µg/L									
1,1,1-Trichloroethane	ND	2.0	µg/L									
1,1-Dichloropropene	ND	2.0	µg/L									
Carbon tetrachloride	ND	2.0	µg/L									
1,2-Dichloroethane	ND	2.0	µg/L									
Benzene	ND	1.0	µg/L									

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

Date: 30-Aug-11

# AMRO Environmental Laboratories Corp.

## QC SUMMARY REPORT Method Blank

CLIENT: Shaw Environmental & Infrastructure, Inc.

Work Order: 1108060

Project: 130274 Textron Providence

Trichloroethene	ND	2.0	µg/L
1,2-Dichloropropane	ND	2.0	µg/L
Bromodichloromethane	ND	2.0	µg/L
Dibromomethane	ND	2.0	µg/L
4-Methyl-2-pentanone	ND	10	µg/L
cis-1,3-Dichloropropene	ND	1.0	µg/L
Toluene	ND	2.0	µg/L
trans-1,3-Dichloropropene	ND	1.0	µg/L
1,1,2-Trichloroethane	ND	2.0	µg/L
1,2-Dibromoethane	ND	2.0	µg/L
2-Hexanone	ND	10	µg/L
1,3-Dichloropropane	ND	2.0	µg/L
Tetrachloroethene	ND	2.0	µg/L
Dibromochloromethane	ND	2.0	µg/L
Chlorobenzene	ND	2.0	µg/L
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L
Ethylbenzene	ND	2.0	µg/L
m,p-Xylene	ND	2.0	µg/L
o-Xylene	ND	2.0	µg/L
Styrene	ND	2.0	µg/L
Bromoform	ND	2.0	µg/L
Isopropylbenzene	ND	2.0	µg/L
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L
1,2,3-Trichloropropane	ND	2.0	µg/L
Bromobenzene	ND	2.0	µg/L
n-Propylbenzene	ND	2.0	µg/L
2-Chlorotoluene	ND	2.0	µg/L
4-Chlorotoluene	ND	2.0	µg/L
1,3,5-Trimethylbenzene	ND	2.0	µg/L
tert-Butylbenzene	ND	2.0	µg/L
1,2,4-Trimethylbenzene	ND	2.0	µg/L

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

## QC SUMMARY REPORT

Method Blank

CLIENT: Shaw Environmental & Infrastructure, Inc.

Work Order: 1108060

Project: 130274 Textron Providence

Compound	Reporting Limit	Concentration (µg/L)	Recovery (%)	Acceptance Criteria
sec-Butylbenzene	ND	2.0	µg/L	
4-Isopropyltoluene	ND	2.0	µg/L	
1,3-Dichlorobenzene	ND	2.0	µg/L	
1,4-Dichlorobenzene	ND	2.0	µg/L	
n-Butylbenzene	ND	2.0	µg/L	
1,2-Dichlorobenzene	ND	2.0	µg/L	
1,2-Dibromo-3-chloropropane	ND	5.0	µg/L	
1,2,4-Trichlorobenzene	ND	2.0	µg/L	
Hexachlorobutadiene	ND	2.0	µg/L	
Naphthalene	ND	5.0	µg/L	
1,2,3-Trichlorobenzene	ND	2.0	µg/L	
Surr: Dibromofluoromethane	26.62	2.0	25	0 106 82 122 0
Surr: 1,2-Dichloroethane-d4	28.5	2.0	25	0 114 73 135 0
Surr: Toluene-d8	22.91	2.0	25	0 91.6 82 117 0
Surr: 4-Bromofluorobenzene	24.36	2.0	25	0 97.4 77 119 0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

## QC SUMMARY REPORT

Laboratory Control Spike

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Work Order:** 1108060  
**Project:** 130274 Textron Providence

**Sample ID:** Ics-08/25/11    **Batch ID:** R47290    **Test Code:** SW8260B    **Units:** µg/L    **Analysis Date:** 8/25/11 8:50:00 AM    **Prep Date:** 8/25/11  
**Client ID:**    **Run ID:** V-3\_110825A    **SeqNo:** 786470

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	21.45	5.0	µg/L	20	0	107	25	168	0	0		
Chloromethane	16.19	5.0	µg/L	20	0	81	51	149	0	0		
Vinyl chloride	19.93	2.0	µg/L	20	0	99.7	59	152	0	0		
Chloroethane	20.2	5.0	µg/L	20	0	101	65	138	0	0		
Bromomethane	17.38	2.0	µg/L	20	0	86.9	53	128	0	0		
Trichlorofluoromethane	23.57	2.0	µg/L	20	0	118	56	157	0	0		
Diethyl ether	14.5	5.0	µg/L	20	0	72.5	73	121	0	0		S
Acetone	14.58	10	µg/L	20	0	72.9	44	133	0	0		S
1,1-Dichloroethene	14.62	1.0	µg/L	20	0	73.1	77	139	0	0		S
Carbon disulfide	10.73	2.0	µg/L	20	0	53.6	55	129	0	0		
Methylene chloride	17.33	5.0	µg/L	20	0	86.7	77	133	0	0		
Methyl tert-butyl ether	20.5	2.0	µg/L	20	0	103	66	130	0	0		
trans-1,2-Dichloroethene	16.27	2.0	µg/L	20	0	81.4	79	128	0	0		
1,1-Dichloroethane	18.01	2.0	µg/L	20	0	90	81	131	0	0		
2-Butanone	18.12	10	µg/L	20	0	90.6	47	141	0	0		
2,2-Dichloropropane	20.73	2.0	µg/L	20	0	104	47	155	0	0		
cis-1,2-Dichloroethene	16.83	2.0	µg/L	20	0	84.2	78	128	0	0		
Chloroform	20.21	2.0	µg/L	20	0	101	69	132	0	0		
Tetrahydrofuran	20.9	10	µg/L	20	0	104	63	144	0	0		
Bromochloromethane	18.26	2.0	µg/L	20	0	91.3	77	138	0	0		
1,1,1-Trichloroethane	22.96	2.0	µg/L	20	0	115	68	145	0	0		
1,1-Dichloropropene	19.84	2.0	µg/L	20	0	99.2	71	141	0	0		
Carbon tetrachloride	22.97	2.0	µg/L	20	0	115	58	130	0	0		
1,2-Dichloroethane	20.04	2.0	µg/L	20	0	100	61	140	0	0		
Benzene	17.64	1.0	µg/L	20	0	88.2	75	129	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit    S - Spike Recovery outside accepted recovery limits    B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits    R - RPD outside accepted recovery limits    NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.



# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

CLIENT: Shaw Environmental & Infrastructure, Inc.

Work Order: 1108060

Project: 130274 Textron Providence

## QC SUMMARY REPORT

Laboratory Control Spike

Compound	Concentration (µg/L)	Recovery (%)	Acceptance	Recovery (%)	Acceptance	Recovery (%)	Acceptance
Trichloroethene	19.24	2.0	µg/L	20	0	96.2	81
1,2-Dichloropropane	17.78	2.0	µg/L	20	0	88.9	81
Bromodichloromethane	18.92	2.0	µg/L	20	0	94.6	63
Dibromomethane	19.65	2.0	µg/L	20	0	98.2	76
4-Methyl-2-pentanone	17.57	10	µg/L	20	0	87.8	54
cis-1,3-Dichloropropene	18.3	1.0	µg/L	20	0	91.5	65
Toluene	18.1	2.0	µg/L	20	0	90.5	81
trans-1,3-Dichloropropene	18.6	1.0	µg/L	20	0	93	55
1,1,2-Trichloroethane	19.74	2.0	µg/L	20	0	98.7	79
1,2-Dibromoethane	19.75	2.0	µg/L	20	0	98.8	71
2-Hexanone	18.63	10	µg/L	20	0	93.2	41
1,3-Dichloropropane	21.59	2.0	µg/L	20	0	108	81
Tetrachloroethene	22.89	2.0	µg/L	20	0	114	87
Dibromochloromethane	22.52	2.0	µg/L	20	0	113	59
Chlorobenzene	22.01	2.0	µg/L	20	0	110	86
1,1,1,2-Tetrachloroethane	22.9	2.0	µg/L	20	0	114	65
Ethylbenzene	22.08	2.0	µg/L	20	0	110	81
m,p-Xylene	43.62	2.0	µg/L	40	0	109	81
o-Xylene	21.32	2.0	µg/L	20	0	107	68
Styrene	21.53	2.0	µg/L	20	0	108	66
Bromoform	22.63	2.0	µg/L	20	0	113	44
Isopropylbenzene	24.64	2.0	µg/L	20	0	123	75
1,1,2,2-Tetrachloroethane	21.74	2.0	µg/L	20	0	109	65
1,2,3-Trichloropropane	23.1	2.0	µg/L	20	0	116	64
Bromobenzene	21.83	2.0	µg/L	20	0	109	82
n-Propylbenzene	23.23	2.0	µg/L	20	0	116	73
2-Chlorotoluene	22.15	2.0	µg/L	20	0	111	78
4-Chlorotoluene	22.85	2.0	µg/L	20	0	114	82
1,3,5-Trimethylbenzene	22.77	2.0	µg/L	20	0	114	76
tert-Butylbenzene	23.27	2.0	µg/L	20	0	116	69
1,2,4-Trimethylbenzene	22.95	2.0	µg/L	20	0	115	79

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

CLIENT: Shaw Environmental & Infrastructure, Inc.

Work Order: 1108060

Project: 130274 Textron Providence

## QC SUMMARY REPORT

Laboratory Control Spike

	23.52	2.0	µg/L	20	0	118	69	132	0
sec-Butylbenzene	22.56	2.0	µg/L	20	0	113	66	132	0
4-Isopropyltoluene	22.17	2.0	µg/L	20	0	111	86	125	0
1,3-Dichlorobenzene	22.57	2.0	µg/L	20	0	113	82	126	0
1,4-Dichlorobenzene	24.15	2.0	µg/L	20	0	121	59	143	0
n-Butylbenzene	22.18	2.0	µg/L	20	0	111	82	123	0
1,2-Dichlorobenzene	22.27	5.0	µg/L	20	0	111	44	122	0
1,2-Dibromo-3-chloropropane	23.62	2.0	µg/L	20	0	118	73	137	0
1,2,4-Trichlorobenzene	23.34	2.0	µg/L	20	0	117	70	145	0
Hexachlorobutadiene	21.03	5.0	µg/L	20	0	105	67	128	0
Naphthalene	22.56	2.0	µg/L	20	0	113	63	135	0
1,2,3-Trichlorobenzene	26.98	2.0	µg/L	25	0	108	82	122	0
Surr: Dibromofluoromethane	29.95	2.0	µg/L	25	0	120	73	135	0
Surr: 1,2-Dichloroethane-d4	23.68	2.0	µg/L	25	0	94.7	82	117	0
Surr: Toluene-d8	24.98	2.0	µg/L	25	0	99.9	77	119	0
Surr: 4-Bromofluorobenzene									

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
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 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

CLIENT: Shaw Environmental & Infrastructure, Inc.

Work Order: 1108060

Project: 130274 Textron Providence

## QC SUMMARY REPORT

Laboratory Control Spike Duplicate

Sample ID Icsd-08/25/11 Batch ID: R47290 Test Code: SW8260B Units: µg/L Analysis Date 8/25/11 9:25:00 AM Prep Date 8/25/11  
 Client ID: Run ID: V-3\_110825A SeqNo: 786469

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	21.72	5.0	µg/L	20	0	109	25	168	21.45	1.25	20	
Chloromethane	16.33	5.0	µg/L	20	0	81.7	51	149	16.19	0.861	20	
Vinyl chloride	19.35	2.0	µg/L	20	0	96.8	59	152	19.93	2.95	20	
Chloroethane	19.9	5.0	µg/L	20	0	99.5	65	138	20.2	1.5	20	
Bromomethane	18.44	2.0	µg/L	20	0	92.2	53	128	17.38	5.92	20	
Trichlorofluoromethane	23.06	2.0	µg/L	20	0	115	56	157	23.57	2.19	20	
Diethyl ether	14.66	5.0	µg/L	20	0	73.3	73	121	14.5	1.1	20	
Acetone	15.36	10	µg/L	20	0	76.8	44	133	14.58	5.21	20	
1,1-Dichloroethene	14.99	1.0	µg/L	20	0	75	77	139	14.62	2.5	20	S
Carbon disulfide	10.45	2.0	µg/L	20	0	52.2	55	129	10.73	2.64	20	S
Methylene chloride	18.21	5.0	µg/L	20	0	91	77	133	17.33	4.95	20	
Methyl tert-butyl ether	19.74	2.0	µg/L	20	0	98.7	66	130	20.5	3.78	20	
trans-1,2-Dichloroethene	16.28	2.0	µg/L	20	0	81.4	79	128	16.27	0.0614	20	
1,1-Dichloroethane	17.91	2.0	µg/L	20	0	89.6	81	131	18.01	0.557	20	
2-Butanone	17.85	10	µg/L	20	0	89.2	47	141	18.12	1.5	20	
2,2-Dichloropropane	20.87	2.0	µg/L	20	0	104	47	155	20.73	0.673	20	
cis-1,2-Dichloroethene	16.5	2.0	µg/L	20	0	82.5	78	128	16.83	1.98	20	
Chloroform	20.67	2.0	µg/L	20	0	103	69	132	20.21	2.25	20	
Tetrahydrofuran	21.3	10	µg/L	20	0	106	63	144	20.9	1.9	20	
Bromochloromethane	18.53	2.0	µg/L	20	0	92.6	77	138	18.26	1.47	20	
1,1,1-Trichloroethane	22.77	2.0	µg/L	20	0	114	68	145	22.96	0.831	20	
1,1-Dichloropropene	19.04	2.0	µg/L	20	0	95.2	71	141	19.84	4.12	20	
Carbon tetrachloride	22.41	2.0	µg/L	20	0	112	58	130	22.97	2.47	20	
1,2-Dichloroethane	20.33	2.0	µg/L	20	0	102	61	140	20.04	1.44	20	
Benzene	17.84	1.0	µg/L	20	0	89.2	75	129	17.64	1.13	20	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Work Order:** 1108060  
**Project:** 130274 Textron Providence

## QC SUMMARY REPORT

Laboratory Control Spike Duplicate

Compound	19.49	2.0	µg/L	20	0	97.5	81	129	19.24	1.29	20
Trichloroethene	19.49	2.0	µg/L	20	0	97.5	81	129	19.24	1.29	20
1,2-Dichloropropane	17.76	2.0	µg/L	20	0	88.8	81	134	17.78	0.113	20
Bromodichloromethane	18.85	2.0	µg/L	20	0	94.2	63	118	18.92	0.371	20
Dibromomethane	20.36	2.0	µg/L	20	0	102	76	123	19.65	3.55	20
4-Methyl-2-pentanone	16.83	10	µg/L	20	0	84.2	54	124	17.57	4.3	20
cis-1,3-Dichloropropene	18.21	1.0	µg/L	20	0	91	65	115	18.3	0.493	20
Toluene	18.19	2.0	µg/L	20	0	91	81	123	18.1	0.496	20
trans-1,3-Dichloropropene	18.74	1.0	µg/L	20	0	93.7	55	126	18.6	0.75	20
1,1,2-Trichloroethane	20.6	2.0	µg/L	20	0	103	79	122	19.74	4.26	20
1,2-Dibromoethane	19.85	2.0	µg/L	20	0	99.2	71	124	19.75	0.505	20
2-Hexanone	18.51	10	µg/L	20	0	92.6	41	138	18.63	0.646	20
1,3-Dichloropropane	22.66	2.0	µg/L	20	0	113	81	129	21.59	4.84	20
Tetrachloroethene	22.98	2.0	µg/L	20	0	115	87	137	22.89	0.392	20
Dibromochloromethane	23.08	2.0	µg/L	20	0	115	59	119	22.52	2.46	20
Chlorobenzene	22.3	2.0	µg/L	20	0	112	86	121	22.01	1.31	20
1,1,1,2-Tetrachloroethane	23.93	2.0	µg/L	20	0	120	65	133	22.9	4.4	20
Ethylbenzene	22.4	2.0	µg/L	20	0	112	81	125	22.08	1.44	20
m,p-Xylene	43.95	2.0	µg/L	40	0	110	81	125	43.62	0.754	20
o-Xylene	21.79	2.0	µg/L	20	0	109	68	134	21.32	2.18	20
Styrene	22.1	2.0	µg/L	20	0	110	66	133	21.53	2.61	20
Bromoform	23.23	2.0	µg/L	20	0	116	44	115	22.63	2.62	20
Isopropylbenzene	25.1	2.0	µg/L	20	0	126	75	139	24.64	1.85	20
1,1,2,2-Tetrachloroethane	23.4	2.0	µg/L	20	0	117	65	132	21.74	7.35	20
1,2,3-Trichloropropane	24.23	2.0	µg/L	20	0	121	64	139	23.1	4.77	20
Bromobenzene	22.64	2.0	µg/L	20	0	113	82	119	21.83	3.64	20
n-Propylbenzene	23.19	2.0	µg/L	20	0	116	73	129	23.23	0.172	20
2-Chlorotoluene	22.99	2.0	µg/L	20	0	115	78	121	22.15	3.72	20
4-Chlorotoluene	23.56	2.0	µg/L	20	0	118	82	122	22.85	3.06	20
1,3,5-Trimethylbenzene	23.82	2.0	µg/L	20	0	119	76	125	22.77	4.51	20
tert-Butylbenzene	24.59	2.0	µg/L	20	0	123	69	129	23.27	5.52	20
1,2,4-Trimethylbenzene	23.77	2.0	µg/L	20	0	119	79	125	22.95	3.51	20

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.



# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Work Order:** 1108060  
**Project:** 130274 Textron Providence

## QC SUMMARY REPORT

Laboratory Control Spike

Sample ID: Ics-08/26/11      Batch ID: R47299      Test Code: SW8260B      Units: µg/L      Analysis Date: 8/26/11 9:08:00 AM      Prep Date: 8/26/11  
 Client ID:      Run ID: V-3\_110826A      SeqNo: 786666

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	18.38	5.0	µg/L	20	0	91.9	25	168	0	0		
Chloromethane	16.03	5.0	µg/L	20	0	80.2	51	149	0	0		
Vinyl chloride	18.9	2.0	µg/L	20	0	94.5	59	152	0	0		
Chloroethane	19.66	5.0	µg/L	20	0	98.3	65	138	0	0		
Bromomethane	16.98	2.0	µg/L	20	0	84.9	53	128	0	0		
Trichlorofluoromethane	20.56	2.0	µg/L	20	0	103	56	157	0	0		
Diethyl ether	13.61	5.0	µg/L	20	0	68	73	121	0	0		S
Acetone	15.08	10	µg/L	20	0	75.4	44	133	0	0		
1,1-Dichloroethene	14.1	1.0	µg/L	20	0	70.5	77	139	0	0		S
Carbon disulfide	10.68	2.0	µg/L	20	0	53.4	55	129	0	0		S
Methylene chloride	16.49	5.0	µg/L	20	0	82.5	77	133	0	0		
Methyl tert-butyl ether	19.12	2.0	µg/L	20	0	95.6	66	130	0	0		
trans-1,2-Dichloroethene	16.02	2.0	µg/L	20	0	80.1	79	128	0	0		
1,1-Dichloroethane	16.91	2.0	µg/L	20	0	84.6	81	131	0	0		
2-Butanone	17.99	10	µg/L	20	0	90	47	141	0	0		
2,2-Dichloropropane	19.66	2.0	µg/L	20	0	98.3	47	155	0	0		
cis-1,2-Dichloroethene	16.21	2.0	µg/L	20	0	81	78	128	0	0		
Chloroform	18.93	2.0	µg/L	20	0	94.6	69	132	0	0		
Tetrahydrofuran	19.53	10	µg/L	20	0	97.6	63	144	0	0		
Bromochloromethane	17.83	2.0	µg/L	20	0	89.2	77	138	0	0		
1,1,1-Trichloroethane	20.61	2.0	µg/L	20	0	103	68	145	0	0		
1,1-Dichloropropene	18.7	2.0	µg/L	20	0	93.5	71	141	0	0		
Carbon tetrachloride	21.09	2.0	µg/L	20	0	105	58	130	0	0		
1,2-Dichloroethane	17.82	2.0	µg/L	20	0	89.1	61	140	0	0		
Benzene	17.46	1.0	µg/L	20	0	87.3	75	129	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Work Order:** 1108060  
**Project:** 130274 Textron Providence

## QC SUMMARY REPORT

Laboratory Control Spike

Compound	18.75	17.28	17.26	18.28	17.19	17.69	18.39	17.54	18.42	18.64	18.15	20.23	23.33	20.75	21.57	21.33	21.42	42.86	21.45	21.54	20.99	24.59	21.36	20.65	22.39	22.87	21.83	21.97	22.12	22.76	22.7			
Trichloroethene	2.0	2.0	2.0	2.0	10	1.0	2.0	1.0	2.0	2.0	10	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0				
1,2-Dichloropropane	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	40	20	20	20	20	20	20	20	20	20	20	20	20				
Bromodichloromethane	81	81	63	76	54	65	81	55	79	71	41	81	59	87	86	65	81	68	66	44	75	65	64	82	73	78	82	76	69	79				
Dibromomethane	93.8	86.4	86.3	91.4	86	88.4	92	87.7	92.1	93.2	90.8	101	104	117	108	107	107	107	107	105	123	107	103	112	114	109	110	111	114	114				
4-Methyl-2-pentanone	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
cis-1,3-Dichloropropene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Toluene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
trans-1,3-Dichloropropene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1,1,2-Trichloroethane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1,2-Dibromoethane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2-Hexanone	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1,3-Dichloropropane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Tetrachloroethene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Dibromochloromethane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chlorobenzene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1,1,1,2-Tetrachloroethane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ethylbenzene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
m,p-Xylene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
o-Xylene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Styrene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bromoform	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isopropylbenzene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1,2,2-Tetrachloroethane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,2,3-Trichloropropane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bromobenzene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
n-Propylbenzene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2-Chlorotoluene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4-Chlorotoluene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,3,5-Trimethylbenzene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
tert-Butylbenzene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,2,4-Trimethylbenzene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Work Order:** 1108060  
**Project:** 130274 Textron Providence

## QC SUMMARY REPORT

Laboratory Control Spike

Compound	Concentration (µg/L)	Recovery (%)	Acceptance	Count	Count	Count
sec-Butylbenzene	2.0	20	0	116	69	132
4-Isopropyltoluene	2.0	20	0	111	66	132
1,3-Dichlorobenzene	2.0	20	0	111	86	125
1,4-Dichlorobenzene	2.0	20	0	114	82	126
n-Butylbenzene	2.0	20	0	116	59	143
1,2-Dichlorobenzene	2.0	20	0	110	82	123
1,2-Dibromo-3-chloropropane	5.0	20	0	102	44	122
1,2,4-Trichlorobenzene	2.0	20	0	118	73	137
Hexachlorobutadiene	2.0	20	0	106	70	145
Naphthalene	5.0	20	0	104	67	128
1,2,3-Trichlorobenzene	2.0	20	0	110	63	135
Surr: Dibromofluoromethane	2.0	25	0	104	82	122
Surr: 1,2-Dichloroethane-d4	2.0	25	0	104	73	135
Surr: Toluene-d8	2.0	25	0	94.8	82	117
Surr: 4-Bromofluorobenzene	2.0	25	0	101	77	119

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
 NA - Not applicable where J values or ND results occur



# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Work Order:** 1108060  
**Project:** 130274 Textron Providence

## QC SUMMARY REPORT

Laboratory Control Spike

Sample ID: **Ics-08/29/11** Batch ID: **R47312** Test Code: **SW8260B** Units: **µg/L** Analysis Date: **8/29/11 9:24:00 AM** Prep Date: **8/29/11**  
 Client ID: **V-3\_110829A** Run ID: **V-3\_110829A** SeqNo: **786863**

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	17.32	5.0	µg/L	20	0	86.6	25	168	0			
Chloromethane	14.64	5.0	µg/L	20	0	73.2	51	149	0			
Vinyl chloride	17.56	2.0	µg/L	20	0	87.8	59	152	0			
Chloroethane	18.48	5.0	µg/L	20	0	92.4	65	138	0			
Bromomethane	17.1	2.0	µg/L	20	0	85.5	53	128	0			
Trichlorofluoromethane	20.99	2.0	µg/L	20	0	105	56	157	0			
Diethyl ether	12.71	5.0	µg/L	20	0	63.6	73	121	0			S
Acetone	15.83	10	µg/L	20	0	79.2	44	133	0			
1,1-Dichloroethene	12.58	1.0	µg/L	20	0	62.9	77	139	0			S
Carbon disulfide	8.69	2.0	µg/L	20	0	43.4	55	129	0			S
Methylene chloride	15.97	5.0	µg/L	20	0	79.8	77	133	0			
Methyl tert-butyl ether	18.89	2.0	µg/L	20	0	94.4	66	130	0			
trans-1,2-Dichloroethene	15.12	2.0	µg/L	20	0	75.6	79	128	0			S
1,1-Dichloroethane	16.65	2.0	µg/L	20	0	83.3	81	131	0			
2-Butanone	20.66	10	µg/L	20	0	103	47	141	0			
2,2-Dichloropropane	19.82	2.0	µg/L	20	0	99.1	47	155	0			
cis-1,2-Dichloroethene	15.41	2.0	µg/L	20	0	77	78	128	0			S
Chloroform	19.2	2.0	µg/L	20	0	96	69	132	0			
Tetrahydrofuran	22.72	10	µg/L	20	0	114	63	144	0			
Bromochloromethane	18	2.0	µg/L	20	0	90	77	138	0			
1,1,1-Trichloroethane	21.26	2.0	µg/L	20	0	106	68	145	0			
1,1-Dichloropropene	18.59	2.0	µg/L	20	0	93	71	141	0			
Carbon tetrachloride	21.63	2.0	µg/L	20	0	108	58	130	0			
1,2-Dichloroethane	18.73	2.0	µg/L	20	0	93.6	61	140	0			
Benzene	16.69	1.0	µg/L	20	0	83.4	75	129	0			

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Work Order:** 1108060  
**Project:** 130274 Textron Providence

## QC SUMMARY REPORT

Laboratory Control Spike

Compound	Concentration (µg/L)	Recovery (%)	Acceptance	Count	Count	Count
Trichloroethene	17.86	2.0	µg/L	20	0	89.3
1,2-Dichloropropane	16.87	2.0	µg/L	20	0	84.4
Bromodichloromethane	18.07	2.0	µg/L	20	0	90.4
Dibromomethane	18.83	2.0	µg/L	20	0	94.2
4-Methyl-2-pentanone	18.83	10	µg/L	20	0	94.2
cis-1,3-Dichloropropene	17.42	1.0	µg/L	20	0	87.1
Toluene	17.61	2.0	µg/L	20	0	88
trans-1,3-Dichloropropene	18.26	1.0	µg/L	20	0	91.3
1,1,2-Trichloroethane	19.13	2.0	µg/L	20	0	95.7
1,2-Dibromoethane	19.48	2.0	µg/L	20	0	97.4
2-Hexanone	19.36	10	µg/L	20	0	96.8
1,3-Dichloropropane	19.88	2.0	µg/L	20	0	99.4
Tetrachloroethene	21.29	2.0	µg/L	20	0	106
Dibromochloromethane	21.24	2.0	µg/L	20	0	106
Chlorobenzene	20.03	2.0	µg/L	20	0	100
1,1,1,2-Tetrachloroethane	20.69	2.0	µg/L	20	0	103
Ethylbenzene	20.19	2.0	µg/L	20	0	101
m,p-Xylene	39.73	2.0	µg/L	40	0	99.3
o-Xylene	19.45	2.0	µg/L	20	0	97.3
Styrene	20.2	2.0	µg/L	20	0	101
Bromoform	21.71	2.0	µg/L	20	0	109
Isopropylbenzene	22.55	2.0	µg/L	20	0	113
1,1,2,2-Tetrachloroethane	21.31	2.0	µg/L	20	0	107
1,2,3-Trichloropropane	21.84	2.0	µg/L	20	0	109
Bromobenzene	20.78	2.0	µg/L	20	0	104
n-Propylbenzene	21.22	2.0	µg/L	20	0	106
2-Chlorotoluene	20.79	2.0	µg/L	20	0	104
4-Chlorotoluene	20.9	2.0	µg/L	20	0	104
1,3,5-Trimethylbenzene	20.69	2.0	µg/L	20	0	103
tert-Butylbenzene	21.06	2.0	µg/L	20	0	105
1,2,4-Trimethylbenzene	20.9	2.0	µg/L	20	0	104

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Work Order:** 1108060  
**Project:** 130274 Textron Providence

## QC SUMMARY REPORT

Laboratory Control Spike

Compound	21.26	20.65	20.57	21.33	21.57	20.87	24.02	21.65	20.03	20.33	20.31	26.89	28.5	22.9	24.16
sec-Butylbenzene	2.0	2.0	2.0	2.0	2.0	2.0	5.0	2.0	2.0	5.0	2.0	2.0	2.0	2.0	2.0
4-Isopropyltoluene	20	20	20	20	20	20	20	20	20	20	20	25	25	25	25
1,3-Dichlorobenzene	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,4-Dichlorobenzene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
n-Butylbenzene	106	103	103	107	108	104	120	108	100	102	102	108	114	91.6	96.6
1,2-Dichlorobenzene	69	66	86	82	59	82	44	73	70	67	63	82	73	82	77
1,2-Dibromo-3-chloropropane	132	132	125	126	143	123	122	137	145	128	135	122	135	117	119
1,2,4-Trichlorobenzene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexachlorobutadiene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Naphthalene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,2,3-Trichlorobenzene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Surr: Dibromofluoromethane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Surr: 1,2-Dichloroethane-d4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Surr: Toluene-d8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Surr: 4-Bromofluorobenzene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 NA - Not applicable where J values or ND results occur

B - Analyte detected in the associated Method Blank  
 NA - Not applicable where J values or ND results occur

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

CLIENT: Shaw Environmental & Infrastructure, Inc.

Work Order: 1108060

Project: 130274 Textron Providence

## QC SUMMARY REPORT

Sample Matrix Spike

Sample ID 1108060-07Ams Batch ID: R47290 Test Code: SW8260B Units: µg/L Analysis Date 8/25/11 6:40:00 PM Prep Date 8/23/11  
 Client ID: MW-101S Run ID: V-3\_110825A SeqNo: 786464

Analyte	QC Sample		RL	QC Spike: Original Sample		Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
	Result	Units		Amount	Result								
Dichlorodifluoromethane	93.4	µg/L	25	100	0	93.4	22	176	0	0			
Chloromethane	85.95	µg/L	25	100	0	86	36	144	0	0			
Vinyl chloride	102.4	µg/L	10	100	0	102	54	156	0	0			
Chloroethane	105.8	µg/L	25	100	0	106	55	153	0	0			
Bromomethane	80.7	µg/L	10	100	0	80.7	47	113	0	0			
Trichlorofluoromethane	105.9	µg/L	10	100	0	106	80	161	0	0			
Diethyl ether	71.45	µg/L	25	100	0	71.5	55	128	0	0			
Acetone	65.6	µg/L	50	100	0	65.6	22	147	0	0			
1,1-Dichloroethene	76.7	µg/L	5.0	100	0	76.7	61	146	0	0			
Carbon disulfide	55.1	µg/L	10	100	0	55.1	39	153	0	0			
Methylene chloride	93.1	µg/L	25	100	0	93.1	44	147	0	0			
Methyl tert-butyl ether	94.4	µg/L	10	100	0	94.4	64	137	0	0			
trans-1,2-Dichloroethene	84.35	µg/L	10	100	0	84.4	68	140	0	0			
1,1-Dichloroethane	87.2	µg/L	10	100	0	87.2	66	139	0	0			
2-Butanone	78.25	µg/L	50	100	0	78.2	35	139	0	0			
2,2-Dichloropropane	90.95	µg/L	10	100	0	91	45	165	0	0			
cis-1,2-Dichloroethene	90.15	µg/L	10	100	3.26	86.9	68	132	0	0			
Chloroform	101.6	µg/L	10	100	9.17	92.4	78	136	0	0			
Tetrahydrofuran	91.45	µg/L	50	100	0	91.5	27	139	0	0			
Bromochloromethane	90.35	µg/L	10	100	0	90.4	72	132	0	0			
1,1,1-Trichloroethane	105.2	µg/L	10	100	0	105	78	148	0	0			
1,1-Dichloropropene	97.9	µg/L	10	100	0	97.9	82	139	0	0			
Carbon tetrachloride	103.4	µg/L	10	100	0	103	72	143	0	0			
1,2-Dichloroethane	88.65	µg/L	10	100	0	88.6	72	141	0	0			
Benzene	91.35	µg/L	5.0	100	0.62	90.7	73	135	0	0			

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Work Order:** 1108060  
**Project:** 130274 Textron Providence

## QC SUMMARY REPORT

Sample Matrix Spike

Compound	Reporting Limit	Concentration	Recovery	Acceptance	Recovery	Acceptance	Concentration	Recovery	Acceptance
Trichloroethene	94.6	10	100	0.85	93.8	74	143	0	0
1,2-Dichloropropane	90.45	10	100	0	90.4	66	136	0	0
Bromodichloromethane	84.65	10	100	0	84.6	72	132	0	0
Dibromomethane	91.1	10	100	0	91.1	71	132	0	0
4-Methyl-2-pentanone	78.45	50	100	0	78.4	34	145	0	0
cis-1,3-Dichloropropene	87.1	5.0	100	0	87.1	66	126	0	0
Toluene	93.2	10	100	0	93.2	71	139	0	0
trans-1,3-Dichloropropene	84.2	5.0	100	0	84.2	68	122	0	0
1,1,2-Trichloroethane	94.15	10	100	0	94.2	67	129	0	0
1,2-Dibromoethane	91.4	10	100	0	91.4	67	137	0	0
2-Hexanone	87.6	50	100	0	87.6	30	134	0	0
1,3-Dichloropropane	105.2	10	100	0	105	75	126	0	0
Tetrachloroethene	145.1	10	100	34.16	111	70	150	0	0
Dibromochloromethane	106.5	10	100	0	106	63	116	0	0
Chlorobenzene	114.3	10	100	0	114	76	130	0	0
1,1,1,2-Tetrachloroethane	114.2	10	100	0	114	79	126	0	0
Ethylbenzene	115.2	10	100	0	115	80	133	0	0
m,p-Xylene	224.5	10	200	0	112	81	131	0	0
o-Xylene	114.4	10	100	0	114	78	130	0	0
Styrene	113	10	100	0	113	72	140	0	0
Bromoform	102	10	100	0	102	47	113	0	0
Isopropylbenzene	131.2	10	100	0	131	81	144	0	0
1,1,2,2-Tetrachloroethane	104.8	10	100	0	105	62	133	0	0
1,2,3-Trichloropropane	108.2	10	100	0	108	60	143	0	0
Bromobenzene	118.4	10	100	0	118	82	127	0	0
n-Propylbenzene	121	10	100	0	121	76	142	0	0
2-Chlorotoluene	115.7	10	100	0	116	75	134	0	0
4-Chlorotoluene	113.9	10	100	0	114	74	133	0	0
1,3,5-Trimethylbenzene	118.5	10	100	0	118	74	143	0	0
tert-Butylbenzene	122.4	10	100	0	122	79	140	0	0
1,2,4-Trimethylbenzene	119.4	10	100	0	119	72	144	0	0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Work Order:** 1108060  
**Project:** 130274 Textron Providence

## QC SUMMARY REPORT

Sample Matrix Spike

Compound	Concentration (µg/L)	Recovery (%)	Acceptance Criteria	Recovery (%)	Acceptance Criteria	Concentration (µg/L)	Recovery (%)	Acceptance Criteria	Concentration (µg/L)	Recovery (%)	Acceptance Criteria
sec-Butylbenzene	124.5	10	100	0	124	76	149	0	0	0	0
4-Isopropyltoluene	120.2	10	100	0	120	80	147	0	0	0	0
1,3-Dichlorobenzene	117.1	10	100	0	117	78	129	0	0	0	0
1,4-Dichlorobenzene	118.6	10	100	0	119	76	134	0	0	0	0
n-Butylbenzene	121.8	10	100	0	122	68	153	0	0	0	0
1,2-Dichlorobenzene	116.8	10	100	0	117	73	136	0	0	0	0
1,2-Dibromo-3-chloropropane	98.4	25	100	0	98.4	41	123	0	0	0	0
1,2,4-Trichlorobenzene	121.6	10	100	0	122	55	156	0	0	0	0
Hexachlorobutadiene	104.9	10	100	0	105	46	136	0	0	0	0
Naphthalene	104.6	25	100	0	105	39	153	0	0	0	0
1,2,3-Trichlorobenzene	110.5	10	100	0	110	41	161	0	0	0	0
Surr: Dibromofluoromethane	124.4	10	125	0	99.5	82	122	0	0	0	0
Surr: 1,2-Dichloroethane-d4	120.3	10	125	0	96.2	73	135	0	0	0	0
Surr: Toluene-d8	118.1	10	125	0	94.5	82	117	0	0	0	0
Surr: 4-Bromofluorobenzene	123.8	10	125	0	99	77	119	0	0	0	0

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
 NA - Not applicable where J values or ND results occur

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Work Order:** 1108060  
**Project:** 130274 Textron Providence

## QC SUMMARY REPORT

Sample Matrix Spike Duplicate

**Sample ID:** MW-101S  
**Batch ID:** R47290  
**Test Code:** SW8260B  
**Run ID:** V-3\_110825A

**Analysis Date:** 8/25/11 7:14:00 PM  
**SeqNo:** 786465  
**Prep Date:** 8/23/11

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	97.65	25	µg/L	100	0	97.6	22	176	93.4	4.45	20	20
Chloromethane	90.55	25	µg/L	100	0	90.6	36	144	85.95	5.21	20	20
Vinyl chloride	105.2	10	µg/L	100	0	105	54	156	102.4	2.75	20	20
Chloroethane	104.6	25	µg/L	100	0	105	55	153	105.8	1.14	20	20
Bromomethane	86.15	10	µg/L	100	0	86.2	47	113	80.7	6.53	20	20
Trichlorofluoromethane	106.2	10	µg/L	100	0	106	80	161	105.9	0.236	20	20
Diethyl ether	72.25	25	µg/L	100	0	72.2	55	128	71.45	1.11	20	20
Acetone	77.85	50	µg/L	100	0	77.8	22	147	65.6	17.1	20	20
1,1-Dichloroethene	77.4	5.0	µg/L	100	0	77.4	61	146	76.7	0.909	20	20
Carbon disulfide	58.2	10	µg/L	100	0	58.2	39	153	55.1	5.47	20	20
Methylene chloride	97.7	25	µg/L	100	0	97.7	44	147	93.1	4.82	20	20
Methyl tert-butyl ether	98.15	10	µg/L	100	0	98.2	64	137	94.4	3.9	20	20
trans-1,2-Dichloroethene	88.7	10	µg/L	100	0	88.7	68	140	84.35	5.03	20	20
1,1-Dichloroethane	90.05	10	µg/L	100	0	90	66	139	87.2	3.22	20	20
2-Butanone	90.55	50	µg/L	100	0	90.6	35	139	78.25	14.6	20	20
2,2-Dichloropropane	92.45	10	µg/L	100	0	92.5	45	165	90.95	1.64	20	20
cis-1,2-Dichloroethene	91.2	10	µg/L	100	3.26	87.9	68	132	90.15	1.16	20	20
Chloroform	104.8	10	µg/L	100	9.17	95.6	78	136	101.6	3.1	20	20
Tetrahydrofuran	98.1	50	µg/L	100	0	98.1	27	139	91.45	7.02	20	20
Bromochloromethane	97.15	10	µg/L	100	0	97.2	72	132	90.35	7.25	20	20
1,1,1-Trichloroethane	106.6	10	µg/L	100	0	107	78	148	105.2	1.32	20	20
1,1-Dichloropropene	102	10	µg/L	100	0	102	82	139	97.9	4.05	20	20
Carbon tetrachloride	105.6	10	µg/L	100	0	106	72	143	103.4	2.11	20	20
1,2-Dichloroethane	91.95	10	µg/L	100	0	92	72	141	88.65	3.65	20	20
Benzene	94.7	5.0	µg/L	100	0.62	94.1	73	135	91.35	3.6	20	20

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 S - Spike Recovery outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits  
 NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Work Order:** 1108060  
**Project:** 130274 Textron Providence

## QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Compound	99.85	10	µg/L	100	0.85	99	74	143	94.6	5.4	20
Trichloroethene	99.85	10	µg/L	100	0.85	99	74	143	94.6	5.4	20
1,2-Dichloropropane	94.05	10	µg/L	100	0	94	66	136	90.45	3.9	20
Bromodichloromethane	88.95	10	µg/L	100	0	89	72	132	84.65	4.95	20
Dibromomethane	99.25	10	µg/L	100	0	99.2	71	132	91.1	8.56	20
4-Methyl-2-pentanone	82.45	50	µg/L	100	0	82.5	34	145	78.45	4.97	20
cis-1,3-Dichloropropene	90.9	5.0	µg/L	100	0	90.9	66	126	87.1	4.27	20
Toluene	96.55	10	µg/L	100	0	96.6	71	139	93.2	3.53	20
trans-1,3-Dichloropropene	87.8	5.0	µg/L	100	0	87.8	68	122	84.2	4.19	20
1,1,2-Trichloroethane	95.05	10	µg/L	100	0	95	67	129	94.15	0.951	20
1,2-Dibromoethane	97.45	10	µg/L	100	0	97.5	67	137	91.4	6.41	20
2-Hexanone	93.65	50	µg/L	100	0	93.6	30	134	87.6	6.68	20
1,3-Dichloropropane	109.4	10	µg/L	100	0	109	75	126	105.2	3.87	20
Tetrachloroethene	148.8	10	µg/L	100	34.16	115	70	150	145.1	2.48	20
Dibromochloromethane	109.8	10	µg/L	100	0	110	63	116	106.5	3.05	20
Chlorobenzene	118.6	10	µg/L	100	0	119	76	130	114.3	3.65	20
1,1,1,2-Tetrachloroethane	115.6	10	µg/L	100	0	116	79	126	114.2	1.13	20
Ethylbenzene	118.1	10	µg/L	100	0	118	80	133	115.2	2.44	20
m,p-Xylene	238.6	10	µg/L	200	0	119	81	131	224.5	6.07	20
o-Xylene	116.5	10	µg/L	100	0	116	78	130	114.4	1.78	20
Styrene	117.1	10	µg/L	100	0	117	72	140	113	3.56	20
Bromoform	105.8	10	µg/L	100	0	106	47	113	102	3.71	20
Isopropylbenzene	138.9	10	µg/L	100	0	139	81	144	131.2	5.74	20
1,1,2,2-Tetrachloroethane	111	10	µg/L	100	0	111	62	133	104.8	5.79	20
1,2,3-Trichloropropane	111.7	10	µg/L	100	0	112	60	143	108.2	3.14	20
Bromobenzene	122.4	10	µg/L	100	0	122	82	127	118.4	3.41	20
n-Propylbenzene	127.8	10	µg/L	100	0	128	76	142	121	5.47	20
4-Chlorotoluene	119.8	10	µg/L	100	0	120	75	134	115.7	3.48	20
4-Chlorotoluene	118.3	10	µg/L	100	0	118	74	133	113.9	3.79	20
1,3,5-Trimethylbenzene	124.2	10	µg/L	100	0	124	74	143	118.5	4.7	20
tert-Butylbenzene	128.8	10	µg/L	100	0	129	79	140	122.4	5.18	20
1,2,4-Trimethylbenzene	125.7	10	µg/L	100	0	126	72	144	119.4	5.14	20

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      NA - Not applicable where J values or ND results occur  
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.



# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Work Order:** 1108060  
**Project:** 130274 Textron Providence

## QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Compound	132.5	123.7	121.3	123.4	126.5	120.2	106.3	126.8	113.4	115	119.1	123.7	118.8	115.8	120.3
sec-Butylbenzene	10	10	10	10	10	10	25	10	10	25	10	10	10	10	10
4-Isopropyltoluene	100	100	100	100	100	100	100	100	100	100	125	125	125	125	125
1,3-Dichlorobenzene	132	124	121	123	127	120	106	127	113	115	119	99	95	92.6	96.2
1,4-Dichlorobenzene	76	80	78	76	68	73	41	55	46	39	41	82	73	82	77
n-Butylbenzene	149	147	129	134	153	136	123	156	136	153	161	122	135	117	119
1,2-Dichlorobenzene	124.5	120.2	117.1	118.6	121.8	116.8	98.4	121.6	104.9	104.6	110.5	0	0	0	0
1,2-Dibromo-3-chloropropane	6.23	2.91	3.57	3.92	3.74	2.78	7.72	4.19	7.83	9.56	7.49	0	0	0	0
1,2,4-Trichlorobenzene	20	20	20	20	20	20	20	20	20	20	20	0	0	0	0
Hexachlorobutadiene	20	20	20	20	20	20	20	20	20	20	20	0	0	0	0
Naphthalene	20	20	20	20	20	20	20	20	20	20	20	0	0	0	0
1,2,3-Trichlorobenzene	20	20	20	20	20	20	20	20	20	20	20	0	0	0	0
Surr: Dibromofluoromethane	20	20	20	20	20	20	20	20	20	20	20	0	0	0	0
Surr: 1,2-Dichloroethane-d4	20	20	20	20	20	20	20	20	20	20	20	0	0	0	0
Surr: Toluene-d8	20	20	20	20	20	20	20	20	20	20	20	0	0	0	0
Surr: 4-Bromofluorobenzene	20	20	20	20	20	20	20	20	20	20	20	0	0	0	0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

CLIENT: Shaw Environmental & Infrastructure, Inc.

Work Order: 1108060

Project: 130274 Textron Providence

## QC SUMMARY REPORT

Sample Matrix Spike

Sample ID 1108060-19Ams Batch ID: R47299 Test Code: SW8260B Units: µg/L Analysis Date 8/26/11 7:09:00 PM Prep Date 8/23/11  
 Client ID: MW-217S Run ID: V-3\_110826A SeqNo: 786659

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	99.8	25	µg/L	100	0	99.8	22	176	0	0		
Chloromethane	82.9	25	µg/L	100	0	82.9	36	144	0	0		
Vinyl chloride	110.4	10	µg/L	100	12.31	98.1	54	156	0	0		
Chloroethane	103.8	25	µg/L	100	0	104	55	153	0	0		
Bromomethane	87.3	10	µg/L	100	0	87.3	47	113	0	0		
Trichlorofluoromethane	118.6	10	µg/L	100	0	119	80	161	0	0		
Diethyl ether	67.95	25	µg/L	100	0	68	55	128	0	0		
Acetone	82.15	50	µg/L	100	0	82.2	22	147	0	0		
1,1-Dichloroethene	74.95	5.0	µg/L	100	0	75	61	146	0	0		
Carbon disulfide	52.75	10	µg/L	100	0	52.8	39	153	0	0		
Methylene chloride	90.7	25	µg/L	100	0	90.7	44	147	0	0		
Methyl tert-butyl ether	95.55	10	µg/L	100	0	95.6	64	137	0	0		
trans-1,2-Dichloroethene	82	10	µg/L	100	0	82	68	140	0	0		
1,1-Dichloroethane	88.45	10	µg/L	100	0.59	87.9	66	139	0	0		
2-Butanone	105.2	50	µg/L	100	0	105	35	139	0	0		
2,2-Dichloropropane	81.2	10	µg/L	100	0	81.2	45	165	0	0		
cis-1,2-Dichloroethene	97.2	10	µg/L	100	14.81	82.4	68	132	0	0		
Chloroform	104.8	10	µg/L	100	0	105	78	136	0	0		
Tetrahydrofuran	109.3	50	µg/L	100	0	109	27	139	0	0		
Bromochloromethane	95.6	10	µg/L	100	0	95.6	72	132	0	0		
1,1,1-Trichloroethane	115.6	10	µg/L	100	0	116	78	148	0	0		
1,1-Dichloropropene	100.1	10	µg/L	100	0	100	82	139	0	0		
Carbon tetrachloride	117	10	µg/L	100	0	117	72	143	0	0		
1,2-Dichloroethane	100	10	µg/L	100	0	100	72	141	0	0		
Benzene	92.2	5.0	µg/L	100	0	92.2	73	135	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

CLIENT: Shaw Environmental & Infrastructure, Inc.

Work Order: 1108060

Project: 130274 Textron Providence

## QC SUMMARY REPORT

Sample Matrix Spike

Compound	Reporting Limit	Sample Concentration (µg/L)	Recovery (%)	Acceptance Criteria	Notes
Trichloroethene	97.05	10	100	0.66	143
1,2-Dichloropropane	92.8	10	100	0	136
Bromodichloromethane	92.55	10	100	0	132
Dibromomethane	100.1	10	100	0	132
4-Methyl-2-pentanone	97.65	50	100	0	145
cis-1,3-Dichloropropene	85.65	5.0	100	0	126
Toluene	92.7	10	100	0	139
trans-1,3-Dichloropropene	89.55	5.0	100	0	122
1,1,2-Trichloroethane	100.5	10	100	0	129
1,2-Dibromoethane	101.9	10	100	0	137
2-Hexanone	110.4	50	100	0	134
1,3-Dichloropropane	114	10	100	0	126
Tetrachloroethene	123.9	10	100	3.97	150
Dibromochloromethane	116.6	10	100	0	116
Chlorobenzene	113.1	10	100	0	130
1,1,1,2-Tetrachloroethane	118.1	10	100	0	126
Ethylbenzene	116.8	10	100	0.64	133
m,p-Xylene	226.2	10	200	0.59	131
o-Xylene	112.8	10	100	0	130
Styrene	111.7	10	100	0	140
Bromoform	113.2	10	100	0	113
Isopropylbenzene	124.2	10	100	0	144
1,1,2,2-Tetrachloroethane	117.6	10	100	0	133
1,2,3-Trichloropropane	121.8	10	100	0	143
Bromobenzene	113.2	10	100	0	127
n-Propylbenzene	115.4	10	100	0	142
2-Chlorotoluene	111.7	10	100	0	134
4-Chlorotoluene	112.5	10	100	0	133
1,3,5-Trimethylbenzene	113	10	100	0	143
tert-Butylbenzene	115.4	10	100	0	140
1,2,4-Trimethylbenzene	115.2	10	100	0	144

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Work Order:** 1108060  
**Project:** 130274 Textron Providence

## QC SUMMARY REPORT

Sample Matrix Spike

Compound	116.7	10	µg/L	100	0	117	76	149	0
sec-Butylbenzene	116.7	10	µg/L	100	0	117	76	149	0
4-Isopropyltoluene	111.2	10	µg/L	100	0	111	80	147	0
1,3-Dichlorobenzene	111.1	10	µg/L	100	0	111	78	129	0
1,4-Dichlorobenzene	112.5	10	µg/L	100	0	112	76	134	0
n-Butylbenzene	114.3	10	µg/L	100	0	114	68	153	0
1,2-Dichlorobenzene	112.1	10	µg/L	100	0	112	73	136	0
1,2-Dibromo-3-chloropropane	122.4	25	µg/L	100	0	122	41	123	0
1,2,4-Trichlorobenzene	113.9	10	µg/L	100	0	114	55	156	0
Hexachlorobutadiene	101	10	µg/L	100	0	101	46	136	0
Naphthalene	112.8	25	µg/L	100	1.95	111	39	153	0
1,2,3-Trichlorobenzene	112.6	10	µg/L	100	0	113	41	161	0
Surr: Dibromofluoromethane	133.9	10	µg/L	125	0	107.4	82	122	0
Surr: 1,2-Dichloroethane-d4	142.8	10	µg/L	125	0	114	73	135	0
Surr: Toluene-d8	118.2	10	µg/L	125	0	94.6	82	117	0
Surr: 4-Bromofluorobenzene	124.2	10	µg/L	125	0	99.4	77	119	0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

CLIENT: Shaw Environmental & Infrastructure, Inc.

Work Order: 1108060

Project: 130274 Textron Providence

## QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID: MW-217S      Batch ID: R47299      Test Code: SW8260B      Units: µg/L      Analysis Date: 8/26/11 7:46:00 PM      Prep Date: 8/23/11  
 Client ID: MW-217S      Run ID: V-3\_110826A      SeqNo: 786660

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	99.15	25	µg/L	100	0	99.2	22	176	99.8	0.653	20	
Chloromethane	78.95	25	µg/L	100	0	79	36	144	82.9	4.88	20	
Vinyl chloride	108.3	10	µg/L	100	12.31	96	54	156	110.4	1.92	20	
Chloroethane	100.4	25	µg/L	100	0	100	55	153	103.8	3.33	20	
Bromomethane	85.9	10	µg/L	100	0	85.9	47	113	87.3	1.62	20	
Trichlorofluoromethane	118.8	10	µg/L	100	0	119	80	161	118.6	0.168	20	
Diethyl ether	71.2	25	µg/L	100	0	71.2	55	128	67.95	4.67	20	
Acetone	89.15	50	µg/L	100	0	89.2	22	147	82.15	8.17	20	
1,1-Dichloroethene	73.35	5.0	µg/L	100	0	73.4	61	146	74.95	2.16	20	
Carbon disulfide	52	10	µg/L	100	0	52	39	153	52.75	1.43	20	
Methylene chloride	89.65	25	µg/L	100	0	89.6	44	147	90.7	1.16	20	
Methyl tert-butyl ether	97.65	10	µg/L	100	0	97.6	64	137	95.55	2.17	20	
trans-1,2-Dichloroethene	82.35	10	µg/L	100	0	82.4	68	140	82	0.426	20	
1,1-Dichloroethane	90.95	10	µg/L	100	0.59	90.4	66	139	88.45	2.79	20	
2-Butanone	101.2	50	µg/L	100	0	101	35	139	105.2	3.78	20	
2,2-Dichloropropane	81.6	10	µg/L	100	0	81.6	45	165	81.2	0.491	20	
cis-1,2-Dichloroethene	98.35	10	µg/L	100	14.81	83.5	68	132	97.2	1.18	20	
Chloroform	103.6	10	µg/L	100	0	104	78	136	104.8	1.06	20	
Tetrahydrofuran	113	50	µg/L	100	0	113	27	139	109.3	3.28	20	
Bromochloromethane	95.3	10	µg/L	100	0	95.3	72	132	95.6	0.314	20	
1,1,1-Trichloroethane	110.8	10	µg/L	100	0	111	78	148	115.6	4.28	20	
1,1-Dichloropropene	103.7	10	µg/L	100	0	104	82	139	100.1	3.53	20	
Carbon tetrachloride	115.7	10	µg/L	100	0	116	72	143	117	1.07	20	
1,2-Dichloroethane	102.2	10	µg/L	100	0	102	72	141	100	2.18	20	
Benzene	93.7	5.0	µg/L	100	0	93.7	73	135	92.2	1.61	20	

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.



# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

CLIENT: Shaw Environmental & Infrastructure, Inc.

Work Order: 1108060

Project: 130274 Textron Providence

## QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Compound	113.2	110.3	112.8	113.2	114.4	112.4	120.6	113.1	99.65	110.8	109	135	139.7	117.9	127.6
sec-Butylbenzene	10	10	10	10	10	10	25	10	10	25	10	10	10	10	10
4-Isopropyltoluene	100	100	100	100	100	100	100	100	100	100	100	125	125	125	125
1,3-Dichlorobenzene	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1,4-Dichlorobenzene	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
n-Butylbenzene	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1,2-Dichlorobenzene	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1,2-Dibromo-3-chloropropane	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
1,2,4-Trichlorobenzene	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Hexachlorobutadiene	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Naphthalene	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
1,2,3-Trichlorobenzene	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Surr: Dibromofluoromethane	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Surr: 1,2-Dichloroethane-d4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Surr: Toluene-d8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Surr: 4-Bromofluorobenzene	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	113	110	113	113	114	112	121	113	99.6	109	109	108	112	94.3	102
	76	80	78	76	68	73	41	55	46	39	41	82	73	82	77
	149	147	129	134	153	136	123	156	136	153	161	122	135	117	119
	116.7	111.2	111.1	112.5	114.3	112.1	122.4	113.9	101	112.8	112.6	0	0	0	0
	3.09	0.813	1.52	0.576	0.0875	0.267	1.4	0.705	1.3	1.79	3.25	0	0	0	0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

CLIENT: Shaw Environmental & Infrastructure, Inc.

Work Order: 1108060

Project: 130274 Textron Providence

## QC SUMMARY REPORT

Sample Matrix Spike

Sample ID 1108060-01Ams Batch ID: R47312 Test Code: SW8260B Units: µg/L Analysis Date 8/29/11 5:25:00 PM Prep Date 8/23/11  
 Client ID: MW-207S Run ID: V-3\_110829A SeqNo: 786856

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	89.35	25	µg/L	100	0	89.4	22	176	0			
Chloromethane	82.8	25	µg/L	100	0	82.8	36	144	0			
Vinyl chloride	106.2	10	µg/L	100	0	106	54	156	0			
Chloroethane	110.4	25	µg/L	100	0	110	55	153	0			
Bromomethane	84.1	10	µg/L	100	0	84.1	47	113	0			
Trichlorofluoromethane	109.1	10	µg/L	100	0	109	80	161	0			
Diethyl ether	73.3	25	µg/L	100	0	73.3	55	128	0			
Acetone	83.05	50	µg/L	100	0	83	22	147	0			
1,1-Dichloroethene	72.95	5.0	µg/L	100	0	73	61	146	0			
Carbon disulfide	50.05	10	µg/L	100	0	50	39	153	0			
Methylene chloride	94.75	25	µg/L	100	0.79	94	44	147	0			
Methyl tert-butyl ether	96.3	10	µg/L	100	0	96.3	64	137	0			
trans-1,2-Dichloroethene	87.15	10	µg/L	100	0	87.2	68	140	0			
1,1-Dichloroethane	91.45	10	µg/L	100	0	91.5	66	139	0			
2-Butanone	96.6	50	µg/L	100	0	96.6	35	139	0			
2,2-Dichloropropane	86.85	10	µg/L	100	0	86.8	45	165	0			
cis-1,2-Dichloroethene	88.3	10	µg/L	100	0.67	87.6	68	132	0			
Chloroform	99.85	10	µg/L	100	0	99.8	78	136	0			
Tetrahydrofuran	123.5	50	µg/L	100	0	124	27	139	0			
Bromochloromethane	96.65	10	µg/L	100	0	96.7	72	132	0			
1,1,1-Trichloroethane	107.6	10	µg/L	100	0	108	78	148	0			
1,1-Dichloropropene	101	10	µg/L	100	0	101	82	139	0			
Carbon tetrachloride	106	10	µg/L	100	0	106	72	143	0			
1,2-Dichloroethane	94.25	10	µg/L	100	0	94.2	72	141	0			
Benzene	94.55	5.0	µg/L	100	0	94.6	73	135	0			

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.



# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Work Order:** 1108060  
**Project:** 130274 Textron Providence

## QC SUMMARY REPORT

Sample Matrix Spike

Compound	Reporting Limit	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
Trichloroethene	102.8	10	100	143
1,2-Dichloropropane	96.35	10	100	136
Bromodichloromethane	93.3	10	100	132
Dibromomethane	102.4	10	100	132
4-Methyl-2-pentanone	100.2	50	100	145
cis-1,3-Dichloropropene	94.6	5.0	100	126
Toluene	100.9	10	100	139
trans-1,3-Dichloropropene	94.2	5.0	100	122
1,1,2-Trichloroethane	106.7	10	100	129
1,2-Dibromoethane	104.7	10	100	137
2-Hexanone	112.6	50	100	134
1,3-Dichloropropane	113	10	100	126
Tetrachloroethene	246	10	100	150
Dibromochloromethane	112.4	10	100	116
Chlorobenzene	116.8	10	100	130
1,1,1,2-Tetrachloroethane	113.7	10	100	126
Ethylbenzene	118.5	10	100	133
m,p-Xylene	234.2	10	200	131
o-Xylene	117.2	10	100	130
Styrene	117.5	10	100	140
Bromoform	115.8	10	100	113
Isopropylbenzene	133.2	10	100	144
1,1,2,2-Tetrachloroethane	115.8	10	100	133
1,2,3-Trichloropropane	116.9	10	100	143
Bromobenzene	119.5	10	100	127
n-Propylbenzene	122.8	10	100	142
2-Chlorotoluene	115.2	10	100	134
4-Chlorotoluene	115	10	100	133
1,3,5-Trimethylbenzene	119.8	10	100	143
tert-Butylbenzene	121.6	10	100	140
1,2,4-Trimethylbenzene	122.8	10	100	144

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Work Order:** 1108060  
**Project:** 130274 Textron Providence

## QC SUMMARY REPORT

Sample Matrix Spike

Compound	123.9	10	µg/L	100	0	124	76	149	0
sec-Butylbenzene	123.9	10	µg/L	100	0	124	76	149	0
4-Isopropyltoluene	118.2	10	µg/L	100	0	118	80	147	0
1,3-Dichlorobenzene	118.1	10	µg/L	100	0	118	78	129	0
1,4-Dichlorobenzene	118.7	10	µg/L	100	0	119	76	134	0
n-Butylbenzene	121.3	10	µg/L	100	0	121	68	153	0
1,2-Dichlorobenzene	117.6	10	µg/L	100	0	118	73	136	0
1,2-Dibromo-3-chloropropane	114.6	25	µg/L	100	0	115	41	123	0
1,2,4-Trichlorobenzene	123.8	10	µg/L	100	0	124	55	156	0
Hexachlorobutadiene	112.9	10	µg/L	100	0	113	46	136	0
Naphthalene	131	25	µg/L	100	0	131	39	153	0
1,2,3-Trichlorobenzene	114.4	10	µg/L	100	0	114	41	161	0
Surr: Dibromofluoromethane	122.1	10	µg/L	125	0	97.7	82	122	0
Surr: 1,2-Dichloroethane-d4	121	10	µg/L	125	0	96.8	73	135	0
Surr: Toluene-d8	120.6	10	µg/L	125	0	96.5	82	117	0
Surr: 4-Bromofluorobenzene	122.8	10	µg/L	125	0	98.2	77	119	0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

CLIENT: Shaw Environmental & Infrastructure, Inc.

Work Order: 1108060

Project: 130274 Textron Providence

## QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID: 1108060-01Amsd Batch ID: R47312 Test Code: SW8260B Units: µg/L Analysis Date: 8/29/11 5:59:00 PM Prep Date: 8/23/11  
 Client ID: MW-207S Run ID: V-3\_110829A SeqNo: 786857

Analyte	QC Sample		QC Spike		Original Sample		HighLimit	LowLimit	%REC	Result	%RPD	RPDLimit	Qua
	Result	RL	Units	Amount	Result	%REC							
Dichlorodifluoromethane	87.75	25	µg/L	100	0	87.8	22	176	0	89.35	1.81	20	
Chloromethane	81.7	25	µg/L	100	0	81.7	36	144	0	82.8	1.34	20	
Vinyl chloride	101.1	10	µg/L	100	0	101	54	156	0	106.2	4.97	20	
Chloroethane	102	25	µg/L	100	0	102	55	153	0	110.4	7.96	20	
Bromomethane	83.65	10	µg/L	100	0	83.6	47	113	0	84.1	0.537	20	
Trichlorofluoromethane	101.5	10	µg/L	100	0	102	80	161	0	109.1	7.22	20	
Diethyl ether	69.4	25	µg/L	100	0	69.4	55	128	0	73.3	5.47	20	
Acetone	85.25	50	µg/L	100	0	85.2	22	147	0	83.05	2.61	20	
1,1-Dichloroethene	69.5	5.0	µg/L	100	0	69.5	61	146	0	72.95	4.84	20	
Carbon disulfide	47.05	10	µg/L	100	0	47	39	153	0	50.05	6.18	20	
Methylene chloride	89.9	25	µg/L	100	0.79	89.1	44	147	0	94.75	5.25	20	
Methyl tert-butyl ether	93.15	10	µg/L	100	0	93.2	64	137	0	96.3	3.33	20	
trans-1,2-Dichloroethene	84.8	10	µg/L	100	0	84.8	68	140	0	87.15	2.73	20	
1,1-Dichloroethane	86.55	10	µg/L	100	0	86.6	66	139	0	91.45	5.51	20	
2-Butanone	105.8	50	µg/L	100	0	106	35	139	0	96.6	9.14	20	
2,2-Dichloropropane	78.55	10	µg/L	100	0	78.6	45	165	0	86.85	10	20	
cis-1,2-Dichloroethene	85.4	10	µg/L	100	0.67	84.7	68	132	0	88.3	3.34	20	
Chloroform	95.2	10	µg/L	100	0	95.2	78	136	0	99.85	4.77	20	
Tetrahydrofuran	115.2	50	µg/L	100	0	115	27	139	0	123.5	7	20	
Bromochloromethane	92.85	10	µg/L	100	0	92.8	72	132	0	96.65	4.01	20	
1,1,1-Trichloroethane	101	10	µg/L	100	0	101	78	148	0	107.6	6.33	20	
1,1-Dichloropropene	92.75	10	µg/L	100	0	92.8	82	139	0	101	8.47	20	
Carbon tetrachloride	98.55	10	µg/L	100	0	98.6	72	143	0	106	7.33	20	
1,2-Dichloroethane	89.5	10	µg/L	100	0	89.5	72	141	0	94.25	5.17	20	
Benzene	91.35	5.0	µg/L	100	0	91.4	73	135	0	94.55	3.44	20	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

# AMRO Environmental Laboratories Corp.

Date: 30-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Work Order:** 1108060  
**Project:** 130274 Textron Providence

## QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Compound	98.65	91.35	89.7	97.85	97.5	90.5	97	92	98.85	102.2	105.2	105.9	233.9	104.3	110.9	106.6	110.6	221.9	110	112	108.2	125.4	111.5	110.8	114.6	117	109.2	111.7	112.7	114.4	115.1						
Trichloroethene	10	10	10	10	50	5.0	10	5.0	10	10	50	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10						
1,2-Dichloropropane	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100					
Bromodichloromethane	1.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Dibromomethane	97.3	91.4	89.7	97.8	97.5	90.5	97	92	98.8	102	105	106	106	104	111	107	111	111	111	110	112	108	125	112	111	115	117	109	112	113	114	115					
4-Methyl-2-pentanone	74	66	72	71	34	66	71	68	67	67	30	75	70	63	76	79	80	81	78	72	47	81	62	60	82	76	75	74	74	79	72	70					
cis-1,3-Dichloropropene	143	136	132	132	145	126	139	122	129	137	134	126	150	116	130	126	133	131	130	140	113	144	133	143	127	142	134	133	143	140	144	140					
Toluene	102.8	96.35	93.3	102.4	100.2	94.6	100.9	94.2	106.7	104.7	112.6	113	246	112.4	116.8	113.7	118.5	234.2	117.2	117.5	115.8	133.2	115.8	116.9	119.5	122.8	115.2	115	119.8	121.6	122.8	6.43					
trans-1,3-Dichloropropene	4.12	5.33	3.93	4.59	2.68	4.43	3.94	2.36	7.64	2.47	6.75	6.44	5.02	7.43	5.18	6.4	6.9	5.39	6.3	4.84	6.74	5.99	3.74	5.31	4.19	4.84	5.39	2.91	6.07	6.15	6.43	20					
1,1,2-Trichloroethane																																					
1,2-Dibromoethane																																					
2-Hexanone																																					
1,3-Dichloropropane																																					
Tetrachloroethene																																					
Dibromochloromethane																																					
Chlorobenzene																																					
1,1,1,2-Tetrachloroethane																																					
Ethylbenzene																																					
m,p-Xylene																																					
o-Xylene																																					
Styrene																																					
Bromoform																																					
Isopropylbenzene																																					
1,1,2,2-Tetrachloroethane																																					
1,2,3-Trichloropropane																																					
Bromobenzene																																					
n-Propylbenzene																																					
2-Chlorotoluene																																					
4-Chlorotoluene																																					
1,3,5-Trimethylbenzene																																					
tert-Butylbenzene																																					
1,2,4-Trimethylbenzene																																					

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.



**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Lab Order:** 1108060  
**Project:** 130274 Textron Providence  
**Lab ID:** 1108060-25A

**Client Sample ID:** CW-6  
**Tag Number:**  
**Collection Date:** 8/23/2011 1:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>TPH BY GC/FID (MODIFIED 8015B)</b>		<b>SW8015B</b>		<b>Analyst: KAM</b>		
Gasoline	ND	0.10		mg/L	2	8/30/2011 4:54:00 PM
Mineral Spirits	ND	0.10		mg/L	2	8/30/2011 4:54:00 PM
Kerosene	ND	0.10		mg/L	2	8/30/2011 4:54:00 PM
Diesel Fuel/Fuel Oil #2	ND	0.10		mg/L	2	8/30/2011 4:54:00 PM
Motor Oil/Hydraulic Oil	ND	0.20		mg/L	2	8/30/2011 4:54:00 PM
Unidentified Hydrocarbons	21	0.20		mg/L	2	8/30/2011 4:54:00 PM
Surr: o-Terphenyl	89.3	31-131		%REC	2	8/30/2011 4:54:00 PM

Gasoline cannot be accurately determined by this method. Purge and trap sample introduction into a GC or GCMS is the recommended approach for gasoline. Due to the physical, chemical, and biological processes which affect the chemical composition of fuel mixtures exposed to the environment, the qualitative identity of a hydrocarbon mixture as a fuel product is not always conclusive by this method due to the method's reliance on chromatographic pattern recognition. A result provided for a specific fuel indicates that the mixture present in the sample has a chromatographic pattern similar to the laboratory's reference standard for that fuel mixture under specific GC operating conditions utilized at the time of analysis. A result identified as Unidentified Hydrocarbons is based upon the detector response obtained for the laboratory's Fuel Oil#2 reference standard and includes the entire chromatographic response for the sample between n-Alkanes of carbon numbers C9 to C36.

- Qualifiers:**
- ND - Not Detected at the Reporting Limit
  - J - Analyte detected below quantitation limits
  - B - Analyte detected in the associated Method Blank
  - H - Method prescribed holding time exceeded.
  - RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
  - S - Spike Recovery outside accepted recovery limits
  - R - RPD outside accepted recovery limits
  - E - Value above quantitation range
  - # - See Case Narrative

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

<b>CLIENT:</b>	Shaw Environmental & Infrastructure, Inc.	<b>Client Sample ID:</b>	CW-6 Dup
<b>Lab Order:</b>	1108060	<b>Tag Number:</b>	
<b>Project:</b>	130274 Textron Providence	<b>Collection Date:</b>	8/23/2011 2:30:00 PM
<b>Lab ID:</b>	1108060-26A	<b>Matrix:</b>	GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>TPH BY GC/FID (MODIFIED 8015B)</b>		<b>SW8015B</b>		Analyst: KAM		
Gasoline	ND	0.10		mg/L	2	8/30/2011 5:33:00 PM
Mineral Spirits	ND	0.10		mg/L	2	8/30/2011 5:33:00 PM
Kerosene	ND	0.10		mg/L	2	8/30/2011 5:33:00 PM
Diesel Fuel/Fuel Oil #2	ND	0.10		mg/L	2	8/30/2011 5:33:00 PM
Motor Oil/Hydraulic Oil	ND	0.20		mg/L	2	8/30/2011 5:33:00 PM
Unidentified Hydrocarbons	20	0.20		mg/L	2	8/30/2011 5:33:00 PM
Surr: o-Terphenyl	84.3	31-131		%REC	2	8/30/2011 5:33:00 PM

Gasoline cannot be accurately determined by this method. Purge and trap sample introduction into a GC or GCMS is the recommended approach for gasoline. Due to the physical, chemical, and biological processes which affect the chemical composition of fuel mixtures exposed to the environment, the qualitative identity of a hydrocarbon mixture as a fuel product is not always conclusive by this method due to the method's reliance on chromatographic pattern recognition. A result provided for a specific fuel indicates that the mixture present in the sample has a chromatographic pattern similar to the laboratory's reference standard for that fuel mixture under specific GC operating conditions utilized at the time of analysis. A result identified as Unidentified Hydrocarbons is based upon the detector response obtained for the laboratory's Fuel Oil#2 reference standard and includes the entire chromatographic response for the sample between n-Alkanes of carbon numbers C9 to C36.

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded.	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

## QC SUMMARY REPORT Method Blank

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Work Order:** 1108060  
**Project:** 130274 Textron Providence

**Sample ID** MB-21585      **Batch ID:** 21585      **Test Code:** SW8015B      **Units:** mg/L      **Analysis Date** 8/30/11 12:29:00 PM      **Prep Date** 8/29/11  
**Client ID:**      **Run ID:** GC-FING1\_110830A      **SeqNo:** 786982

Analyte	QC Sample		QC Spike Original Sample		Original Sample		%RPD	RPDLimit	Qua
	Result	RL	Units	Amount	Result	%REC			
Gasoline	ND	0.050	mg/L						
Mineral Spirits	ND	0.050	mg/L						
Kerosene	ND	0.050	mg/L						
Diesel Fuel/Fuel Oil #2	ND	0.050	mg/L						
Motor Oil/Hydraulic Oil	ND	0.10	mg/L						
Unidentified Hydrocarbons	ND	0.10	mg/L						
Surr: o-Terphenyl	0.09473	0	mg/L	0.1	0	94.7	31	131	0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.



# AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

## QC SUMMARY REPORT

Laboratory Control Spike

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Work Order:** 1108060  
**Project:** 130274 Textron Providence

**Sample ID:** LCS-21585    **Batch ID:** 21585    **Test Code:** SW8015B    **Units:** mg/L    **Analysis Date:** 8/30/11 1:07:00 PM    **Prep Date:** 8/29/11  
**Client ID:**    **Run ID:** GC-FING1\_110830A    **SeqNo:** 786983

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Diesel Fuel/Fuel Oil #2	1.773	0.050	mg/L	2	0	88.7	42	119	0			
Surr: o-Terphenyl	0.09108	0	mg/L	0.1	0	91.1	31	131	0			

**Sample ID:** LCSD-21585    **Batch ID:** 21585    **Test Code:** SW8015B    **Units:** mg/L    **Analysis Date:** 8/30/11 1:44:00 PM    **Prep Date:** 8/29/11  
**Client ID:**    **Run ID:** GC-FING1\_110830A    **SeqNo:** 786984

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Diesel Fuel/Fuel Oil #2	1.711	0.050	mg/L	2	0	85.5	42	119	1.773	3.6	40	
Surr: o-Terphenyl	0.09139	0	mg/L	0.1	0	91.4	31	131	0	0	0	

**Qualifiers:** ND - Not Detected at the Reporting Limit    S - Spike Recovery outside accepted recovery limits    B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits    R - RPD outside accepted recovery limits    NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.  
**Project:** 130274 Textron Providence

**Lab Order:** 1108060

**Lab ID:** 1108060-22

**Collection Date:** 8/23/2011 11:30:00 AM

**Collection Time:**

**Client Sample ID:** GZA-3

**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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**ICP METALS DISSOLVED SW-846**

**SW6010B**

Analyst: AL

Lead	ND	13.0		µg/L	1	8/30/2011 7:58:20 PM
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**Lab ID:** 1108060-23

**Collection Date:** 8/23/2011 12:30:00 PM

**Collection Time:**

**Client Sample ID:** MW-109D

**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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**ICP METALS DISSOLVED SW-846**

**SW6010B**

Analyst: AL

Lead	ND	13.0		µg/L	1	8/30/2011 8:04:20 PM
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**Lab ID:** 1108060-24

**Collection Date:** 8/23/2011 11:35:00 AM

**Collection Time:**

**Client Sample ID:** GZA-3 Dup

**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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**ICP METALS DISSOLVED SW-846**

**SW6010B**

Analyst: AL

Lead	ND	13.0		µg/L	1	8/30/2011 8:26:39 PM
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AMRO Environmental Laboratories Corp.

Date: 31-Aug-11

CLIENT: Shaw Environmental & Infrastructure, Inc.

Work Order: 1108060

Project: 130274 Textron Providence

QC SUMMARY REPORT

Method Blank

Sample ID mb-21589 Batch ID: 21589 Test Code: SW6010B Units: µg/L Analysis Date 8/30/11 6:44:38 PM Prep Date 8/30/11  
 Client ID: Run ID: ICP-OPTIMA\_110830A SeqNo: 787052

Analyte	QC Sample Result	RL	Units	QC Spike Original Sample Amount	Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Lead	ND	13	µg/L									

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-11

**CLIENT:** Shaw Environmental & Infrastructure, Inc.

**Work Order:** 1108060

**Project:** 130274 Textron Providence

**QC SUMMARY REPORT**

Laboratory Control Spike Duplicate

Sample ID **icsd-21589** Batch ID: **21589** Test Code: **SW6010B** Units: **µg/L** Analysis Date **8/30/11 7:12:48 PM** Prep Date **8/30/11**  
 Client ID: Run ID: **ICP-OPTIMA\_110830A** SeqNo: **787053**

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Lead	1951	13	µg/L	1998	0	97.7	80	120	1937	0.738	20	

Sample ID **ics-21589** Batch ID: **21589** Test Code: **SW6010B** Units: **µg/L** Analysis Date **8/30/11 6:50:29 PM** Prep Date **8/30/11**  
 Client ID: Run ID: **ICP-OPTIMA\_110830A** SeqNo: **787054**

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Lead	1937	13	µg/L	1998	0	96.9	80	120	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
 NA - Not applicable where J values or ND results occur