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May 17, 2017

Mr. Stanley Radon
Senior Engineering Geologist
New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, NY 14203-2915

Subject: ***Off-Site System Performance Review***
Textron Inc.
Wheatfield, New York
New York State Site No. 932052

Dear Mr. Radon:

CB&I Environmental & Infrastructure, Inc. (CB&I) has prepared, on behalf of Textron Inc. (Textron), this assessment of the data collected as part the extended pilot shutdown of Extraction Well EW-5. Per the New York State Department of Environmental Conservation's (NYSDEC) electronic mail of July 22, 2013, Extraction Well EW-5 was taken off line on September 5, 2013 as part of the evaluation regarding the ability of the three northernmost extraction wells to contain the prevailing southerly groundwater migration. Groundwater conditions at the site have been monitored and key well locations were sampled for volatile organic compounds (VOCs) bi-annually (April and October) since 2013 as part of this extended pilot study. The groundwater analytical data from the October 2016 event were presented in the *2016 Annual Summary and Site Maintenance and Monitoring Report*. The April 2017 groundwater analytical data are summarized in Table 1; complete analytical data packages are included as Attachment A. The April groundwater elevations for the Off-Site System are shown on Figure 1.

Samples were collected from the Off-Site System extraction wells (EW-2, EW-3, EW-4, EW-5, and EW-6) and Monitoring Well 93-03(1) on April 18, 2017. The analytical results are shown graphically on Figure 2. The cone of depression and zone of influence for this monitoring event remain consistent with the prior observations.

The October 2011 analytical data were used as a baseline for comparison, as this event was completed before the initial shutdown of Extraction Well EW-5. As shown below, groundwater quality in all of the extraction wells (EW-2, EW-3, EW-4, EW-5, and EW-6) has demonstrated significant decreases in total VOC concentrations after Extraction Well EW-5 was taken off line.

Well Location	Decrease in VOC Concentration – 2011 to 2017
EW-2	98 %
EW-3	47 %
EW-4	87 %
EW-5	76 %
EW-6	34 %

The sample collected from Monitoring Well 93-03(1) exhibited an estimated carbon disulfide concentration of 0.33 microgram per liter (µg/L), which is below both the laboratory method detection limit and the New York State Groundwater Guidance Value of 60 µg/L.

Based on the groundwater capture and the continued observation of decreases in total VOC concentrations in the Off-Site System, the pilot study continues to be successful. The extraction well system is creating a strong zone of influence in the area of the Off-Site System, as shown on the attached Figure 1. Three operational extraction wells not only provide hydraulic control but are capable of drawing the leading edge of the plume northward (as has been requested by the NYSDEC). Based upon these results, Textron respectfully requests that Extraction Well EW-5 continue to remain off line. The next groundwater sampling event is scheduled for October 2017. The analytical and gauging results from these wells will be examined and the performance of the Off-Site System will continue to be assessed and reported to the NYSDEC in the *2017 Annual Summary and Site Maintenance and Monitoring Report*.

CB&I and Textron appreciate the NYSDEC's consideration of these matters. If there are any questions or concerns, please feel free to contact Greg Simpson at (401) 457-2635 or me at (412) 858-3977.

Sincerely,
CB&I Environmental & Infrastructure, Inc.

Cecelia Byers

Cecelia Byers
Project Manager

CB:lmk
Attachments: Table
Figures
Appendix A – Analytical Report

cc: Mr. Greg Simpson – Textron
Mr. Brian Sadowski – NYSDEC
Mr. Chad Staniszewski – NYSDEC
File

Table

Table 1
Summary of Groundwater Analytical Data
Former Textron Inc., Wheatfield, NY
April 2017

SAMPLE LOCATION	EW-2	EW-2		EW-2		EW-3
SAMPLE I.D.	BAT-EW-2-170418	BAT-EW-2-170418 MS		BAT-EW-2-170418 MSD		BAT-EW-3-170418
SAMPLE DATE	4/18/2017	4/18/2017		4/18/2017		4/18/2017
VOCs by USEPA Method 8260		Matrix Spike		Matrix Spike Duplicate		
		% Rec.	QC Lim	% Rec.	QC Lim	
Chloromethane	1.0 U	*92*	*55-160*	*95*	*55-160*	10 U
Vinyl Chloride	2.8	*112*	*60-157*	*113*	*60-157*	860
Chloroethane	1.0 U	*95*	*70-140*	*104*	*70-140*	10 U
Bromomethane	1.0 U	*84*	*10-162*	*89*	*10-162*	10 U
1,1-Dichloroethene	1.0 U	*98*	*72-125*	*99*	*72-125*	10 U
Acetone	5.0 U	*111*	*29-151*	*113*	*29-151*	50 U
Carbon Disulfide	1.0 U	*89*	*34-162*	*95*	*34-162*	10 U
Methylene Chloride	1.0 U	*107*	*75-121*	*105*	*75-121*	10 U
trans-1,2-Dichloroethene	1.1	*94*	*77-125*	*100*	*77-125*	8.4 J
1,1-Dichloroethane	2.1	*104*	*74-132*	*107*	*74-132*	16
cis-1,2-Dichloroethene	7.8	*101*	*72-133*	*106*	*72-133*	1,300
2-Butanone	5.0 U	*112*	*46-141*	*113*	*46-141*	50 U
Chloroform	0.64 J	*111*	*75-130*	*110*	*75-130*	10 U
1,1,1-Trichloroethane	2.9	*110*	*74-127*	*115*	*74-127*	14
Carbon Tetrachloride	1.0 U	*107*	*71-135*	*107*	*71-135*	10 U
Benzene	1.0 U	*102*	*76-129*	*101*	*76-129*	10 U
1,2-Dichloroethane	1.0 U	*110*	*72-132*	*107*	*72-132*	10 U
Trichloroethene	3.2	*105*	*62-142*	*105*	*62-142*	4.3 J
1,2-Dichloropropane	1.0 U	*103*	*79-124*	*102*	*79-124*	10 U
Bromodichloromethane	1.0 U	*107*	*76-127*	*110*	*76-127*	10 U
cis-1,3-Dichloropropene	1.0 U	*94*	*52-134*	*88*	*52-134*	10 U
4-Methyl-2-pentanone	5.0 U	*113*	*60-141*	*113*	*60-141*	50 U
Toluene	1.0 U	*92*	*79-125*	*93*	*79-125*	10 U
trans-1,3-Dichloropropene	1.0 U	*97*	*64-123*	*92*	*64-123*	10 U
1,1,2-Trichloroethane	1.0 U	*108*	*82-115*	*104*	*82-115*	10 U
Tetrachloroethene	1.0 U	*106*	*67-137*	*102*	*67-137*	10 U
2-Hexanone	5.0 U	*112*	*56-132*	*112*	*56-132*	50 U
Dibromochloromethane	1.0 U	*99*	*72-128*	*101*	*72-128*	10 U
Chlorobenzene	1.0 U	*96*	*76-125*	*95*	*76-125*	10 U
Ethylbenzene	1.0 U	*101*	*72-134*	*105*	*72-134*	10 U
m/p-Xylenes	2.0 U	*103*	*68-138*	*98*	*68-138*	20 U
o-Xylene	1.0 U	*100*	*68-134*	*105*	*68-134*	10 U
Styrene	1.0 U	*105*	*34-156*	*106*	*34-156*	10 U
Bromoform	1.0 U	*103*	*58-133*	*104*	*58-133*	10 U
1,1,2,2-Tetrachloroethane	1.0 U	*107*	*72-122*	*108*	*72-122*	10 U

Notes:
U = Compound not detected at detection limit.
Bold = Compound detected at concentration.
J = Indicates an estimated value below detection limit.

Table 1
Summary of Groundwater Analytical Data
Former Textron Inc., Wheatfield, NY
April 2017

SAMPLE LOCATION	EW-4	EW-4	EW-5	EW-6
SAMPLE I.D.	BAT-EW-4-170418	BAT-DUP-2-170418	BAT-EW-5-170418	BAT-EW-6-170418
SAMPLE DATE	4/18/2017	4/18/2017	4/18/2017	4/18/2017
VOCs by USEPA Method 8260				
Chloromethane	1.0 U	1.0 U	2.0 U	1.0 U
Vinyl Chloride	54	51	170	1.0 U
Chloroethane	1.0 U	1.0 U	2.0 U	1.0 U
Bromomethane	1.0 U	1.0 U	2.0 U	1.0 U
1,1-Dichloroethene	1.0 U	1.0 U	2.0 U	1.0 U
Acetone	5.0 U	1.4 J	6.3 J	1.4 J
Carbon Disulfide	0.30 J	0.39 J	0.6 J	1.0 U
Methylene Chloride	1.0 U	1.0 U	2.0 U	1.0 U
trans-1,2-Dichloroethene	1.8	1.9 J	3.2	0.64 J
1,1-Dichloroethane	1.9	1.9	2.3	0.89 J
cis-1,2-Dichloroethene	69	67	78	36
2-Butanone	5.0 U	5.0 U	10 U	5.0 U
Chloroform	1.0 U	1.0 U	2.0 U	1.0 U
1,1,1-Trichloroethane	1.1	1.2	0.96 J	0.87 J
Carbon Tetrachloride	1.0 U	1.0 U	2.0 U	1.0 U
Benzene	1.0 U	1.0 U	2.0 U	1.0 U
1,2-Dichloroethane	1.0 U	1.0 U	2.0 U	1.0 U
Trichloroethene	0.85 J	0.91 J	1.1 J	0.61 J
1,2-Dichloropropane	1.0 U	1.0 U	2.0 U	1.0 U
Bromodichloromethane	1.0 U	1.0 U	2.0 U	1.0 U
cis-1,3-Dichloropropene	1.0 U	1.0 U	2.0 U	1.0 U
4-Methyl-2-pentanone	5.0 U	5.0 U	10.0 U	5.0 U
Toluene	1.0 U	1.0 U	2.0 U	1.0 U
trans-1,3-Dichloropropene	1.0 U	1.0 U	2.0 U	1.0 U
1,1,2-Trichloroethane	1.0 U	1.0 U	2.0 U	1.0 U
Tetrachloroethene	1.0 U	1.0 U	2.0 U	1.0 U
2-Hexanone	5.0 U	5.0 U	10.0 U	5.0 U
Dibromochloromethane	1.0 U	1.0 U	2.0 U	1.0 U
Chlorobenzene	1.0 U	1.0 U	2.0 U	1.0 U
Ethylbenzene	1.0 U	1.0 U	2.0 U	1.0 U
m/p-Xylenes	2.0 U	2.0 U	4.0 U	2.0 U
o-Xylene	1.0 U	1.0 U	2.0 U	1.0 U
Styrene	1.0 U	1.0 U	2.0 U	1.0 U
Bromoform	1.0 U	1.0 U	2.0 U	1.0 U
1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	2.0 U	1.0 U

Notes:
U = Compound not detected at detection limit.
Bold = Compound detected at concentration.
J = Indicates an estimated value below detectior

Table 1
Summary of Groundwater Analytical Data
Former Textron Inc., Wheatfield, NY
April 2017

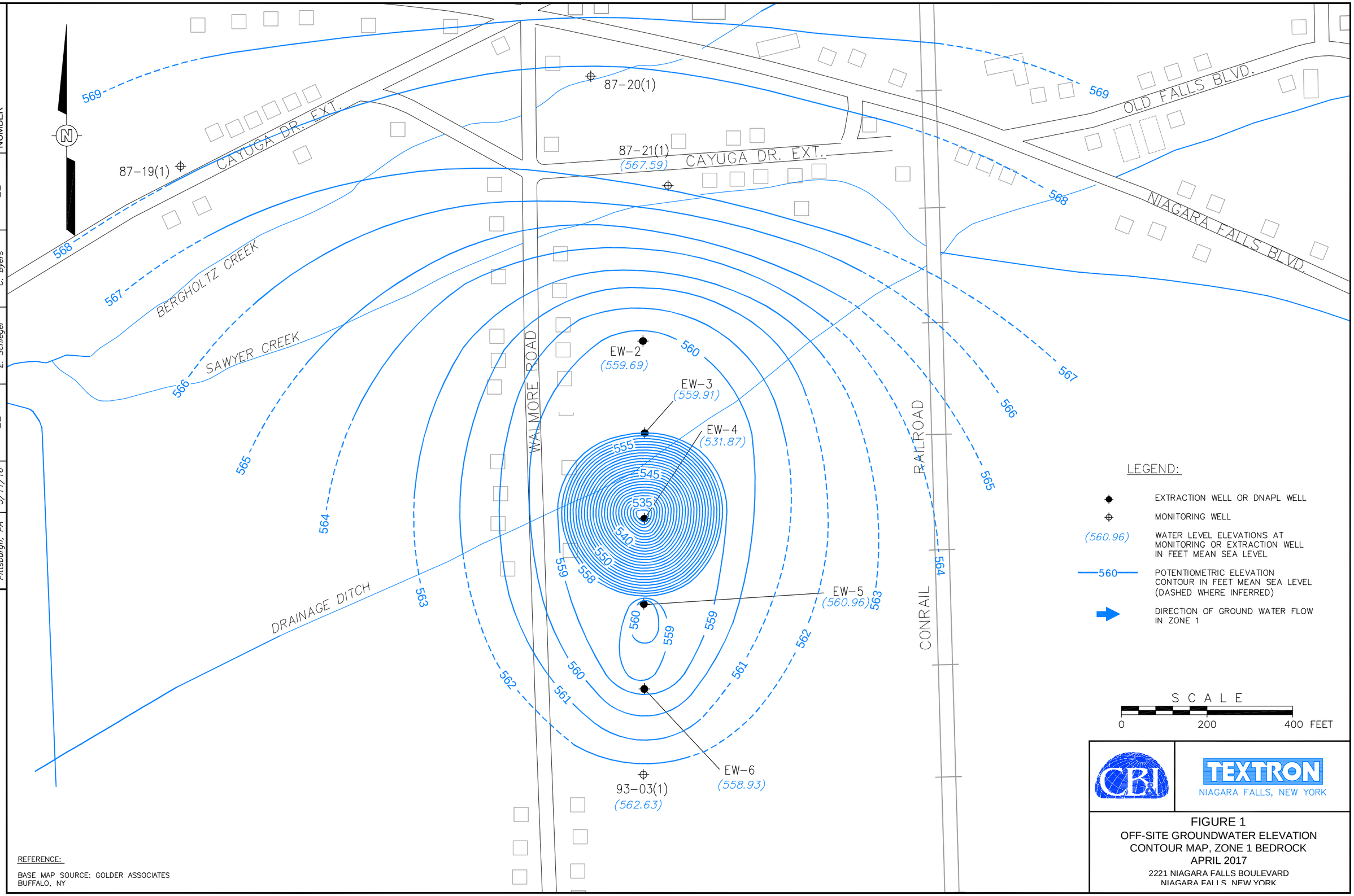
SAMPLE LOCATION	93-03(1)	FIELD BLANK	TRIP BLANK
SAMPLE I.D.	BAT-93-03(1)-170418	BAT-FB-1-170418	BAT-TB-170418
SAMPLE DATE	4/18/2017	4/18/2017	4/18/2017
VOCs by USEPA Method 8260			
Chloromethane	1.0 U	1.0 U	1.0 U
Vinyl Chloride	1.0 U	1.0 U	1.0 U
Chloroethane	1.0 U	1.0 U	1.0 U
Bromomethane	1.0 U	1.0 U	**0.79 BJ**
1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
Acetone	1.0 U	**2.4 J**	**1.7 J**
Carbon Disulfide	**0.33 J**	1.0 U	1.0 U
Methylene Chloride	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
2-Butanone	5.0 U	5.0 U	5.0 U
Chloroform	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	1.0 U	1.0 U	1.0 U
Benzene	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
Trichloroethene	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
Bromodichloromethane	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	5.0 U	5.0 U	5.0 U
Toluene	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
Tetrachloroethene	1.0 U	1.0 U	1.0 U
2-Hexanone	5.0 U	5.0 U	5.0 U
Dibromochloromethane	1.0 U	1.0 U	1.0 U
Chlorobenzene	1.0 U	1.0 U	1.0 U
Ethylbenzene	1.0 U	1.0 U	1.0 U
m/p-Xylenes	2.0 U	2.0 U	2.0 U
o-Xylene	1.0 U	1.0 U	1.0 U
Styrene	1.0 U	1.0 U	1.0 U
Bromoform	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U

Notes:
U = Compound not detected at detection limit.
Bold = Compound detected at concentration.
J = Indicates an estimated value below detectior

Figures

DRAWING NUMBER	APPROVED BY	CHECKED BY	DRAWN BY	DESIGNED BY
156045-B5	--	C. Byers	E. Schlegel	--

OFFICE	DATE
Pittsburgh, PA	5/11/16



LEGEND:

- ⊕ EXTRACTION WELL OR DNAPL WELL
- ⊕ MONITORING WELL
- (560.96) WATER LEVEL ELEVATIONS AT MONITORING OR EXTRACTION WELL IN FEET MEAN SEA LEVEL
- 560 POTENTIOMETRIC ELEVATION CONTOUR IN FEET MEAN SEA LEVEL (DASHED WHERE INFERRED)
- DIRECTION OF GROUND WATER FLOW IN ZONE 1

SCALE

0 200 400 FEET

REFERENCE:

BASE MAP SOURCE: GOLDER ASSOCIATES
BUFFALO, NY

TEXTRON
NIAGARA FALLS, NEW YORK

FIGURE 1
OFF-SITE GROUNDWATER ELEVATION CONTOUR MAP, ZONE 1 BEDROCK APRIL 2017

2221 NIAGARA FALLS BOULEVARD
NIAGARA FALLS, NEW YORK

File: O:\Shaw Offices - CAD Files\Latham, NY\156045\156045-B5.dwg
Plot Date/Time: May 16, 2017 - 1:55pm
Plotted By: evan.schlegel
image

DRAWING NUMBER	156045-B4
APPROVED BY	--
CHECKED BY	--
DRAWN BY	E. Schlegel
DESIGNED BY	--
DATE	5/4/17
OFFICE	Pittsburgh, PA

SAMPLE LOCATION	EW-2	
SAMPLE I.D.	BAT-EW-2-170418	
SAMPLE DATE	4/18/2017	
VOCs by USEPA Method 8260		
Vinyl Chloride	**2.8**	
trans-1,2-Dichloroethene	**1.1**	
1,1-Dichloroethane	**2.1**	
cis-1,2-Dichloroethene	**7.8**	
Chloroform	**0.64**	J
1,1,1-Trichloroethane	**2.9**	
Trichloroethene	**3.2**	

SAMPLE LOCATION	EW-4		EW-4	
SAMPLE I.D.	BAT-EW-4-170418		BAT-DUP-2-170418	
SAMPLE DATE	4/18/2017		4/18/2017	
VOCs by USEPA Method 8260				
Vinyl Chloride	**54**		**51**	
Acetone	5.0	U	**1.4**	J
Carbon Disulfide	**0.30**	J	**0.39**	J
trans-1,2-Dichloroethene	**1.8**		**1.9**	J
1,1-Dichloroethane	**1.9**		**1.9**	
cis-1,2-Dichloroethene	**69**		**67**	
1,1,1-Trichloroethane	**1.1**		**1.2**	
Trichloroethene	**0.85**	J	**0.91**	J

SAMPLE LOCATION	EW-6	
SAMPLE I.D.	BAT-EW-6-170418	
SAMPLE DATE	4/18/2017	
VOCs by USEPA Method 8260		
Acetone	**1.4**	J
trans-1,2-Dichloroethene	**0.64**	J
1,1-Dichloroethane	**0.89**	J
cis-1,2-Dichloroethene	**36**	
1,1,1-Trichloroethane	**0.87**	J
Trichloroethene	**0.61**	J

SAMPLE LOCATION	93-03(1)	
SAMPLE I.D.	BAT-93-03(1)-170418	
SAMPLE DATE	4/18/2017	
VOCs by USEPA Method 8260		
Carbon Disulfide	**0.33**	J

SAMPLE LOCATION	EW-3	
SAMPLE I.D.	BAT-EW-3-170418	
SAMPLE DATE	4/18/2017	
VOCs by USEPA Method 8260		
Vinyl Chloride	**860**	
trans-1,2-Dichloroethene	**8.4**	J
1,1-Dichloroethane	**16**	
cis-1,2-Dichloroethene	**1,300**	
1,1,1-Trichloroethane	**14**	
Trichloroethene	**4.3**	J

SAMPLE LOCATION	EW-5
SAMPLE I.D.	BAT-EW-5-170418
SAMPLE DATE	4/18/2017
VOCs by USEPA Method 8260	
Vinyl Chloride	**170**
Acetone	**6.3** J
Carbon Disulfide	**0.6** J
trans-1,2-Dichloroethene	**3.2**
1,1-Dichloroethane	**2.3**
cis-1,2-Dichloroethene	**78**
1,1,1-Trichloroethane	**0.96** J
Trichloroethene	**1.1** J

87-20(0)
87-20(1)
87-21(1)
EW-2
EW-3
EW-4
EW-5
EW-6
93-03(1)
CAYUGA DR. EXT.
OLD FALLS BLVD.
NIAGARA FALLS BLVD.
WALMORE ROAD
CONRAIL

LEGEND:

- ◆ EXTRACTION WELL OR DNAPL WELL
- ⊕ MONITORING WELL
- U COMPOUND NOT DETECTED AT DETECTION LIMIT
- **BOLD** COMPOUND DETECTED AT CONCENTRATION
- J INDICATES AN ESTIMATED VALUE BELOW DETECTION LIMIT

NOTE:

ALL GROUNDWATER CONCENTRATIONS ARE IN MICROGRAMS PER LITER (µg/L) OR PARTS PER BILLION (PPB).

SCALE
0 300 600 FEET

CB&I
TEXTRON
NIAGARA FALLS, NEW YORK

FIGURE 2
OFF-SITE GROUNDWATER ANALYTICAL RESULTS
ZONE 1 BEDROCK
APRIL 2017
2221 NIAGARA FALLS BOULEVARD
NIAGARA FALLS, NEW YORK

File: O:\Shaw Offices - CAD Files\Latham, NY\156045\156045-B4.dwg
Plot Date/Time: May 11, 2017 - 10:12am
Plotted By: Evan.Schlegel
Xref: Image

Attachment A

Laboratory Analytical Report

April 27, 2017 Service Request No:R1703414

Ms. Cecelia Byers
CB&I Environmental & Infrastructure
2790 Mosside Boulevard
Monroeville, PA 15146

Laboratory Results for: Textron Wheatfield

Dear Ms.Byers,

Enclosed are the results of the sample(s) submitted to our laboratory April 19, 2017
For your reference, these analyses have been assigned our service request number **R1703414.**

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and ALS Environmental is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Janice Jaeger
Project Manager

CC: Lisa
Schermerhorn

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

1565 Jefferson Rd, Building 300, Rochester, NY 14623 | 585-288-5380 | www.alsglobal.com

Client: CB&I
Project: Textron Wheatfield
Sample Matrix: Water

Service Request:R1703414
Date Received:4/19/17

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples designated for Tier II data deliverables, including results of QC samples analyzed from this delivery group. Analytical procedures performed by the lab are validated in accordance with NELAC standards. Any parameters that are not included in the lab's NELAC accreditation are identified on a "Non-Certified Analytes" report in the Miscellaneous Forms Section of this report. Individual analytical results requiring further explanation are flagged with qualifiers and/or discussed below. The flags are explained in the Report Qualifiers and Definitions page in the Miscellaneous Forms section of this report.

Sample Receipt

Nine water samples were received for analysis at ALS Environmental on 04/19/2017. Any discrepancies noted upon initial sample inspection are noted on the cooler receipt and preservation form included in this data package. The samples were received in good condition and consistent with the accompanying chain of custody form. Samples are refrigerated at ≤6°C upon receipt at the lab except for aqueous samples designated for metals analyses, which are stored at room temperature.

Volatile Organic Analyses:

No significant anomalies were noted with this analysis.

Sample Receiving Notes:

Sampling was performed by ALS personnel in accordance with ALS Field Sampling SOPs or by client specifications.

Approved by _____ Date 4/27/2017

SAMPLE DETECTION SUMMARY

CLIENT ID: BAT-EW-2-170418	Lab ID: R1703414-001					
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Vinyl Chloride	2.8		0.32	1.0	ug/L	8260C
trans-1,2-Dichloroethene	1.1		0.33	1.0	ug/L	8260C
1,1-Dichloroethane	2.1		0.20	1.0	ug/L	8260C
cis-1,2-Dichloroethene	7.8		0.30	1.0	ug/L	8260C
Chloroform	0.64	J	0.25	1.0	ug/L	8260C
1,1,1-Trichloroethane	2.9		0.36	1.0	ug/L	8260C
Trichloroethene	2.7		0.22	1.0	ug/L	8260C

CLIENT ID: BAT-EW-3-170418	Lab ID: R1703414-002					
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Vinyl Chloride	860		3.2	10	ug/L	8260C
trans-1,2-Dichloroethene	8.4	J	3.3	10	ug/L	8260C
1,1-Dichloroethane	16		2.0	10	ug/L	8260C
cis-1,2-Dichloroethene	1300		3.0	10	ug/L	8260C
1,1,1-Trichloroethane	14		3.6	10	ug/L	8260C
Trichloroethene	4.3	J	2.2	10	ug/L	8260C

CLIENT ID: BAT-EW-4-170418	Lab ID: R1703414-003					
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Vinyl Chloride	54		0.32	1.0	ug/L	8260C
Carbon Disulfide	0.30	J	0.22	1.0	ug/L	8260C
trans-1,2-Dichloroethene	1.8		0.33	1.0	ug/L	8260C
1,1-Dichloroethane	1.9		0.20	1.0	ug/L	8260C
cis-1,2-Dichloroethene	69		0.30	1.0	ug/L	8260C
1,1,1-Trichloroethane	1.1		0.36	1.0	ug/L	8260C
Trichloroethene	0.85	J	0.22	1.0	ug/L	8260C

CLIENT ID: BAT-EW-5-170418	Lab ID: R1703414-004					
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Vinyl Chloride	170		0.64	2.0	ug/L	8260C
Acetone	6.3	J	2.5	10	ug/L	8260C
Carbon Disulfide	0.60	J	0.44	2.0	ug/L	8260C
trans-1,2-Dichloroethene	3.2		0.66	2.0	ug/L	8260C
1,1-Dichloroethane	2.3		0.40	2.0	ug/L	8260C
cis-1,2-Dichloroethene	78		0.60	2.0	ug/L	8260C
1,1,1-Trichloroethane	0.96	J	0.72	2.0	ug/L	8260C
Trichloroethene	1.1	J	0.44	2.0	ug/L	8260C

CLIENT ID: BAT-EW-6-170418	Lab ID: R1703414-005					
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Acetone	1.4	J	1.3	5.0	ug/L	8260C
trans-1,2-Dichloroethene	0.64	J	0.33	1.0	ug/L	8260C
1,1-Dichloroethane	0.89	J	0.20	1.0	ug/L	8260C

SAMPLE DETECTION SUMMARY

CLIENT ID: BAT-EW-6-170418	Lab ID: R1703414-005					
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
cis-1,2-Dichloroethene	36		0.30	1.0	ug/L	8260C
1,1,1-Trichloroethane	0.87	J	0.36	1.0	ug/L	8260C
Trichloroethene	0.61	J	0.22	1.0	ug/L	8260C

CLIENT ID: BAT-FB01-170418	Lab ID: R1703414-006					
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Acetone	2.4	J	1.3	5.0	ug/L	8260C

CLIENT ID: BAT-93-03(1)170418	Lab ID: R1703414-007					
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Carbon Disulfide	0.33	J	0.22	1.0	ug/L	8260C

CLIENT ID: BAT-TB-170418	Lab ID: R1703414-008					
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Bromomethane	0.79	BJ	0.29	1.0	ug/L	8260C
Acetone	1.7	J	1.3	5.0	ug/L	8260C

CLIENT ID: BAT-DUP-01-170418	Lab ID: R1703414-009					
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Vinyl Chloride	51		0.32	1.0	ug/L	8260C
Acetone	1.4	J	1.3	5.0	ug/L	8260C
Carbon Disulfide	0.39	J	0.22	1.0	ug/L	8260C
trans-1,2-Dichloroethene	1.9		0.33	1.0	ug/L	8260C
1,1-Dichloroethane	1.9		0.20	1.0	ug/L	8260C
cis-1,2-Dichloroethene	67		0.30	1.0	ug/L	8260C
1,1,1-Trichloroethane	1.2		0.36	1.0	ug/L	8260C
Trichloroethene	0.91	J	0.22	1.0	ug/L	8260C

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: CB&I **Service Request:**R1703414

Project: Textron Wheatfield

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R1703414-001	BAT-EW-2-170418	4/18/2017	1010
R1703414-002	BAT-EW-3-170418	4/18/2017	1035
R1703414-003	BAT-EW-4-170418	4/18/2017	1100
R1703414-004	BAT-EW-5-170418	4/18/2017	1115
R1703414-005	BAT-EW-6-170418	4/18/2017	1150
R1703414-006	BAT-FB01-170418	4/18/2017	1200
R1703414-007	BAT-93-03(1)170418	4/18/2017	1225
R1703414-008	BAT-TB-170418	4/18/2017	
R1703414-009	BAT-DUP-01-170418	4/18/2017	

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

40472

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 1 OF 1

Project Name: TEXTRON WHEATFIELD	Project Number:
Project Manager: KEVIN CROWLEY	Report CC:
Company/Address: CB&I	
Phone #:	Email:
Sampler's Signature:	Sampler's Printed Name: BOB CUSHMAN

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE

NUMBER OF CONTAINERS

GC/MS VOAs ○ 8260 ○ 624 ○ CLP | GC/MS SVOAs ○ 8270 ○ 625 | GC VOAs ○ 8021 ○ 601/602 | PESTICIDES ○ 8081 ○ 608 | PCBs ○ 8082 ○ 608 | METALS, TOTAL (List in comments below) | METALS, DISSOLVED (List in comments below) | Li Hg

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

REMARKS/ ALTERNATE DESCRIPTION

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	#	GC/MS VOAs	GC/MS SVOAs	GC VOAs	PESTICIDES	PCBs	METALS, TOTAL	METALS, DISSOLVED	Li Hg	REMARKS
BAT-EW-2-170418		4/18/17	1010	W		X								MS/MSD
BAT-EW-3-170418			1035			X								
BAT-EW-4-170418			1100			X								
BAT-EW-5-170418			1115			X								
BAT-EW-6-170418			1150			X						X		
BAT-FB01-170418			1200			X								
BAT-93-036)170418			1225			X								
BAT-TB-170418		↓		↓										
BAT-DUP-01-170418		4/18/17	—	W	~~X~~	X								

SPECIAL INSTRUCTIONS/COMMENTS
Metals
1631 deleted as per Cecelia Byers ems 4/20/17

See QAPP ☐

STATE WHERE SAMPLES WERE COLLECTED

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 1 day _____ 2 day _____ 3 day
_____ 4 day _____ 5 day

REQUESTED REPORT DATE _____

REPORT REQUIREMENTS
____ I. Results Only
____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
____ IV. Data Validation Report with Raw Data

Edata ____Yes ____No

INVOICE INFORMATION
PO #
BILL TO:

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature:	Signature:	Signature	Signature	Signature	
Printed Name: BOB CUSHMAN	Printed Name:	Printed Name	Printed Name	Printed Name	
Firm: AES	Firm: AES	Firm	Firm	Firm	
Date/Time: 4/19/17	Date/Time: 4/19/17 0845	Date/Time	Date/Time	Date/Time	

R1703414 5
CB&I Environmental & Infrastructure
Textron Wheatfield

Distribution: White - Lab Copy; Yellow - Return to Originator

R1703414 5
CB&I Environmental & Infrastructure
Textron Wheatfield

Cooler Receipt and Preservation Check Form

Project/Client CB+I Folder Number .

Cooler received on 4/19/17 by: @

COURIER: (ALS) UPS FEDEX VELOCITY CLIENT

1	Were **Custody seals** on outside of cooler?	Y (N)
2	**Custody papers** properly completed (ink, signed)?	(Y) N
3	Did all bottles arrive in good **condition** (unbroken)?	(Y) N
4	Circle: (**Wet Ice**) **Dry Ice** **Gel packs** present?	(Y) N

5a	**Perchlorate** samples have required headspace?	Y N (NA)
5b	Did VOA vials, Alk,or Sulfide have sig* **bubbles**?	Y (N) NA
6	Where did the bottles originate? (ALS/RCC) CLIENT	
7	Soil VOA received as: Bulk Encore 5035set (NA)	

8. Temperature Readings Date: 4/19/17 Time: 0845 ID: (IR#7) IR#8 From: Temp Blank (Sample Bottle)

Observed Temp (°C)	5.1						
Correction Factor (°C)	+0.1						
Corrected Temp (°C)	5.2						
Temp from:Type of bottle	vou vial						
Within 0-6°C?	(Y) N	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: Ice melted Poorly Packed Same Day Rule

&Client Approval to Run Samples: Standing Approval Client aware at drop-off Client notified by:

All samples held in storage location: R-002 by @ on 4/19/17 at 0845
5035 samples placed in storage location: by on at

Cooler Breakdown: Date: 4/19/17 Time: 1202 by: @

9.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?	YES	(NO) date/time
10.	Did all bottle labels and tags agree with custody papers?	(YES)	NO
11.	Were correct containers used for the tests indicated?	(YES)	NO
12.	Were 5035 vials acceptable (no extra labels, not leaking)?	YES	NO (N/A)
13.	Air Samples: Cassettes / Tubes Intact	Canisters Pressurized	Tedlar® Bags Inflated (N/A)

pH	Lot of test paper	Reagent	Preserved? Yes	Preserved? No	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12		NaOH								
≤2		HNO_3								
≤2		H_2SO_4								
<4		$NaHSO_4$								
Residual Chlorine (-)		For CN Phenol and 522			If +, contact PM to add $Na_2S_2O_3$ (CN), ascorbic (phenol).					
		$Na_2S_2O_3$	-	-						
		ZnAcetate	-	-						
		HCl	**	**	4115022	3/18				

**Not to be tested before analysis – pH tested and recorded by VOAs on a separate worksheet

Bottle lot numbers: 6-195-001, 1091618

Explain all Discrepancies/ Other Comments:

CLRES	BULK
DO	FLDT
HPROD	(HGFB)
HTR	LL3541
PH	SUB
SO3	MARRS
(ALS)	REV

Labels secondary reviewed by: @
PC Secondary Review: MM 4/20/17

*Significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

ALS Environmental—Rochester Laboratory
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Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the ñNotesò column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an ñimmediateò hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% (25% for CLP) difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (Ó100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Certifications[1]

Connecticut ID # PH0556	Maine ID #NY0032	New Hampshire ID # 294100 A/B
Delaware Accredited	Nebraska Accredited	
DoD ELAP #65817	New Jersey ID # NY004	Pennsylvania ID# 68-786
Florida ID # E87674	New York ID # 10145	Rhode Island ID # 158
Illinois ID #200047	North Carolina #676	Virginia #460167

[1] Analyses were performed according to our laboratoryôs NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory or go to http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads/North-America-Downloads

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: CB&I **Service Request:** R1703414
Project: Textron Wheatfield

Sample Name: BAT-EW-2-170418 **Date Collected:** 04/18/17
Lab Code: R1703414-001 **Date Received:** 04/19/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		DLIPANI

Sample Name: BAT-EW-3-170418 **Date Collected:** 04/18/17
Lab Code: R1703414-002 **Date Received:** 04/19/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		DLIPANI

Sample Name: BAT-EW-4-170418 **Date Collected:** 04/18/17
Lab Code: R1703414-003 **Date Received:** 04/19/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		DLIPANI

Sample Name: BAT-EW-5-170418 **Date Collected:** 04/18/17
Lab Code: R1703414-004 **Date Received:** 04/19/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		DLIPANI

Sample Name: BAT-EW-6-170418 **Date Collected:** 04/18/17
Lab Code: R1703414-005 **Date Received:** 04/19/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		DLIPANI

Client: CB&I **Service Request:** R1703414
Project: Textron Wheatfield

Sample Name: BAT-FB01-170418 **Date Collected:** 04/18/17
Lab Code: R1703414-006 **Date Received:** 04/19/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		DLIPANI

Sample Name: BAT-93-03(1)170418 **Date Collected:** 04/18/17
Lab Code: R1703414-007 **Date Received:** 04/19/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		DLIPANI

Sample Name: BAT-TB-170418 **Date Collected:** 04/18/17
Lab Code: R1703414-008 **Date Received:** 04/19/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		DLIPANI

Sample Name: BAT-DUP-01-170418 **Date Collected:** 04/18/17
Lab Code: R1703414-009 **Date Received:** 04/19/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		DLIPANI

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C	3005A/3010A
6020A	ILM05.3
9014 Cyanide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Acid Soluble	9030B
9056A Bomb (Halogens)	5050A
9066 Manual Distillation	9065
SM 4500-CN-E Residual Cyanide	SM 4500-CN-G
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C	3050B
6020A	3050B
6010C TCLP (1311) extract	3005A/3010A
6010 SPLP (1312) extract	3005A/3010A
7196A	3060A
7199	3060A
9056A Halogens/Halides	5050
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction

For analytical methods not listed, the preparation method is the same as the analytical method reference.

Sample Results

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	CB&I	**Service Request:**	R1703414
Project:	Textron Wheatfield	**Date Collected:**	04/18/17 10:10
Sample Matrix:	Water	**Date Received:**	04/19/17 08:45
Sample Name:	BAT-EW-2-170418	**Units:**	ug/L
Lab Code:	R1703414-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
Chloromethane	1.0	U	1.0	0.21	1	04/21/17 16:17	
Vinyl Chloride	**2.8**		1.0	0.32	1	04/21/17 16:17	
Chloroethane	1.0	U	1.0	0.24	1	04/21/17 16:17	
Bromomethane	1.0	U	1.0	0.29	1	04/21/17 16:17	
1,1-Dichloroethene	1.0	U	1.0	0.57	1	04/21/17 16:17	
Acetone	5.0	U	5.0	1.3	1	04/21/17 16:17	
Carbon Disulfide	1.0	U	1.0	0.22	1	04/21/17 16:17	
Methylene Chloride	1.0	U	1.0	0.60	1	04/21/17 16:17	
trans-1,2-Dichloroethene	**1.1**		1.0	0.33	1	04/21/17 16:17	
1,1-Dichloroethane	**2.1**		1.0	0.20	1	04/21/17 16:17	
cis-1,2-Dichloroethene	**7.8**		1.0	0.30	1	04/21/17 16:17	
2-Butanone (MEK)	5.0	U	5.0	0.81	1	04/21/17 16:17	
Chloroform	**0.64**	**J**	1.0	0.25	1	04/21/17 16:17	
1,1,1-Trichloroethane	**2.9**		1.0	0.36	1	04/21/17 16:17	
Carbon Tetrachloride	1.0	U	1.0	0.45	1	04/21/17 16:17	
Benzene	1.0	U	1.0	0.20	1	04/21/17 16:17	
1,2-Dichloroethane	1.0	U	1.0	0.36	1	04/21/17 16:17	
Trichloroethene	**2.7**		1.0	0.22	1	04/21/17 16:17	
1,2-Dichloropropane	1.0	U	1.0	0.20	1	04/21/17 16:17	
Bromodichloromethane	1.0	U	1.0	0.32	1	04/21/17 16:17	
cis-1,3-Dichloropropene	1.0	U	1.0	0.24	1	04/21/17 16:17	
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.67	1	04/21/17 16:17	
Toluene	1.0	U	1.0	0.20	1	04/21/17 16:17	
trans-1,3-Dichloropropene	1.0	U	1.0	0.20	1	04/21/17 16:17	
1,1,2-Trichloroethane	1.0	U	1.0	0.34	1	04/21/17 16:17	
Tetrachloroethene	1.0	U	1.0	0.30	1	04/21/17 16:17	
2-Hexanone	5.0	U	5.0	1.7	1	04/21/17 16:17	
Dibromochloromethane	1.0	U	1.0	0.31	1	04/21/17 16:17	
Chlorobenzene	1.0	U	1.0	0.29	1	04/21/17 16:17	
Ethylbenzene	1.0	U	1.0	0.20	1	04/21/17 16:17	
m,p-Xylenes	2.0	U	2.0	0.33	1	04/21/17 16:17	
o-Xylene	1.0	U	1.0	0.20	1	04/21/17 16:17	
Styrene	1.0	U	1.0	0.20	1	04/21/17 16:17	
Bromoform	1.0	U	1.0	0.42	1	04/21/17 16:17	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.25	1	04/21/17 16:17	

Analytical Report

Client:	CB&I	**Service Request:**	R1703414
Project:	Textron Wheatfield	**Date Collected:**	04/18/17 10:10
Sample Matrix:	Water	**Date Received:**	04/19/17 08:45
Sample Name:	BAT-EW-2-170418	**Units:**	ug/L
Lab Code:	R1703414-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	04/21/17 16:17	
Toluene-d8	108	87 - 121	04/21/17 16:17	
Dibromofluoromethane	101	89 - 119	04/21/17 16:17	

Analytical Report

Client:	CB&I	**Service Request:**	R1703414
Project:	Textron Wheatfield	**Date Collected:**	04/18/17 10:35
Sample Matrix:	Water	**Date Received:**	04/19/17 08:45
Sample Name:	BAT-EW-3-170418	**Units:**	ug/L
Lab Code:	R1703414-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
Chloromethane	10	U	10	2.1	10	04/21/17 15:25	
Vinyl Chloride	**860**		10	3.2	10	04/21/17 15:25	
Chloroethane	10	U	10	2.4	10	04/21/17 15:25	
Bromomethane	10	U	10	2.9	10	04/21/17 15:25	
1,1-Dichloroethene	10	U	10	5.7	10	04/21/17 15:25	
Acetone	50	U	50	13	10	04/21/17 15:25	
Carbon Disulfide	10	U	10	2.2	10	04/21/17 15:25	
Methylene Chloride	10	U	10	6.0	10	04/21/17 15:25	
trans-1,2-Dichloroethene	**8.4**	**J**	10	3.3	10	04/21/17 15:25	
1,1-Dichloroethane	**16**		10	2.0	10	04/21/17 15:25	
cis-1,2-Dichloroethene	**1300**		10	3.0	10	04/21/17 15:25	
2-Butanone (MEK)	50	U	50	8.2	10	04/21/17 15:25	
Chloroform	10	U	10	2.5	10	04/21/17 15:25	
1,1,1-Trichloroethane	**14**		10	3.6	10	04/21/17 15:25	
Carbon Tetrachloride	10	U	10	4.5	10	04/21/17 15:25	
Benzene	10	U	10	2.0	10	04/21/17 15:25	
1,2-Dichloroethane	10	U	10	3.6	10	04/21/17 15:25	
Trichloroethene	**4.3**	**J**	10	2.2	10	04/21/17 15:25	
1,2-Dichloropropane	10	U	10	2.0	10	04/21/17 15:25	
Bromodichloromethane	10	U	10	3.2	10	04/21/17 15:25	
cis-1,3-Dichloropropene	10	U	10	2.4	10	04/21/17 15:25	
4-Methyl-2-pentanone (MIBK)	50	U	50	6.7	10	04/21/17 15:25	
Toluene	10	U	10	2.0	10	04/21/17 15:25	
trans-1,3-Dichloropropene	10	U	10	2.0	10	04/21/17 15:25	
1,1,2-Trichloroethane	10	U	10	3.4	10	04/21/17 15:25	
Tetrachloroethene	10	U	10	3.0	10	04/21/17 15:25	
2-Hexanone	50	U	50	17	10	04/21/17 15:25	
Dibromochloromethane	10	U	10	3.1	10	04/21/17 15:25	
Chlorobenzene	10	U	10	2.9	10	04/21/17 15:25	
Ethylbenzene	10	U	10	2.0	10	04/21/17 15:25	
m,p-Xylenes	20	U	20	3.3	10	04/21/17 15:25	
o-Xylene	10	U	10	2.0	10	04/21/17 15:25	
Styrene	10	U	10	2.0	10	04/21/17 15:25	
Bromoform	10	U	10	4.2	10	04/21/17 15:25	
1,1,2,2-Tetrachloroethane	10	U	10	2.5	10	04/21/17 15:25	

Client:	CB&I	**Service Request:**	R1703414
Project:	Textron Wheatfield	**Date Collected:**	04/18/17 10:35
Sample Matrix:	Water	**Date Received:**	04/19/17 08:45
Sample Name:	BAT-EW-3-170418	**Units:**	ug/L
Lab Code:	R1703414-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	04/21/17 15:25	
Toluene-d8	112	87 - 121	04/21/17 15:25	
Dibromofluoromethane	102	89 - 119	04/21/17 15:25	

Analytical Report

Client:	CB&I	**Service Request:**	R1703414
Project:	Textron Wheatfield	**Date Collected:**	04/18/17 11:00
Sample Matrix:	Water	**Date Received:**	04/19/17 08:45
Sample Name:	BAT-EW-4-170418	**Units:**	ug/L
Lab Code:	R1703414-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
Chloromethane	1.0	U	1.0	0.21	1	04/21/17 14:59	
Vinyl Chloride	**54**		1.0	0.32	1	04/21/17 14:59	
Chloroethane	1.0	U	1.0	0.24	1	04/21/17 14:59	
Bromomethane	1.0	U	1.0	0.29	1	04/21/17 14:59	
1,1-Dichloroethene	1.0	U	1.0	0.57	1	04/21/17 14:59	
Acetone	5.0	U	5.0	1.3	1	04/21/17 14:59	
Carbon Disulfide	**0.30**	**J**	1.0	0.22	1	04/21/17 14:59	
Methylene Chloride	1.0	U	1.0	0.60	1	04/21/17 14:59	
trans-1,2-Dichloroethene	**1.8**		1.0	0.33	1	04/21/17 14:59	
1,1-Dichloroethane	**1.9**		1.0	0.20	1	04/21/17 14:59	
cis-1,2-Dichloroethene	**69**		1.0	0.30	1	04/21/17 14:59	
2-Butanone (MEK)	5.0	U	5.0	0.81	1	04/21/17 14:59	
Chloroform	1.0	U	1.0	0.25	1	04/21/17 14:59	
1,1,1-Trichloroethane	**1.1**		1.0	0.36	1	04/21/17 14:59	
Carbon Tetrachloride	1.0	U	1.0	0.45	1	04/21/17 14:59	
Benzene	1.0	U	1.0	0.20	1	04/21/17 14:59	
1,2-Dichloroethane	1.0	U	1.0	0.36	1	04/21/17 14:59	
Trichloroethene	**0.85**	**J**	1.0	0.22	1	04/21/17 14:59	
1,2-Dichloropropane	1.0	U	1.0	0.20	1	04/21/17 14:59	
Bromodichloromethane	1.0	U	1.0	0.32	1	04/21/17 14:59	
cis-1,3-Dichloropropene	1.0	U	1.0	0.24	1	04/21/17 14:59	
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.67	1	04/21/17 14:59	
Toluene	1.0	U	1.0	0.20	1	04/21/17 14:59	
trans-1,3-Dichloropropene	1.0	U	1.0	0.20	1	04/21/17 14:59	
1,1,2-Trichloroethane	1.0	U	1.0	0.34	1	04/21/17 14:59	
Tetrachloroethene	1.0	U	1.0	0.30	1	04/21/17 14:59	
2-Hexanone	5.0	U	5.0	1.7	1	04/21/17 14:59	
Dibromochloromethane	1.0	U	1.0	0.31	1	04/21/17 14:59	
Chlorobenzene	1.0	U	1.0	0.29	1	04/21/17 14:59	
Ethylbenzene	1.0	U	1.0	0.20	1	04/21/17 14:59	
m,p-Xylenes	2.0	U	2.0	0.33	1	04/21/17 14:59	
o-Xylene	1.0	U	1.0	0.20	1	04/21/17 14:59	
Styrene	1.0	U	1.0	0.20	1	04/21/17 14:59	
Bromoform	1.0	U	1.0	0.42	1	04/21/17 14:59	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.25	1	04/21/17 14:59	

Client:	CB&I	**Service Request:**	R1703414
Project:	Textron Wheatfield	**Date Collected:**	04/18/17 11:00
Sample Matrix:	Water	**Date Received:**	04/19/17 08:45
Sample Name:	BAT-EW-4-170418	**Units:**	ug/L
Lab Code:	R1703414-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	04/21/17 14:59	
Toluene-d8	110	87 - 121	04/21/17 14:59	
Dibromofluoromethane	105	89 - 119	04/21/17 14:59	

Client:	CB&I	**Service Request:**	R1703414
Project:	Textron Wheatfield	**Date Collected:**	04/18/17 11:15
Sample Matrix:	Water	**Date Received:**	04/19/17 08:45
Sample Name:	BAT-EW-5-170418	**Units:**	ug/L
Lab Code:	R1703414-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
Chloromethane	2.0	U	2.0	0.42	2	04/24/17 12:38	
Vinyl Chloride	**170**		2.0	0.64	2	04/24/17 12:38	
Chloroethane	2.0	U	2.0	0.48	2	04/24/17 12:38	
Bromomethane	2.0	U	2.0	0.58	2	04/24/17 12:38	
1,1-Dichloroethene	2.0	U	2.0	1.2	2	04/24/17 12:38	
Acetone	**6.3**	**J**	10	2.5	2	04/24/17 12:38	
Carbon Disulfide	**0.60**	**J**	2.0	0.44	2	04/24/17 12:38	
Methylene Chloride	2.0	U	2.0	1.2	2	04/24/17 12:38	
trans-1,2-Dichloroethene	**3.2**		2.0	0.66	2	04/24/17 12:38	
1,1-Dichloroethane	**2.3**		2.0	0.40	2	04/24/17 12:38	
cis-1,2-Dichloroethene	**78**		2.0	0.60	2	04/24/17 12:38	
2-Butanone (MEK)	10	U	10	1.7	2	04/24/17 12:38	
Chloroform	2.0	U	2.0	0.50	2	04/24/17 12:38	
1,1,1-Trichloroethane	**0.96**	**J**	2.0	0.72	2	04/24/17 12:38	
Carbon Tetrachloride	2.0	U	2.0	0.90	2	04/24/17 12:38	
Benzene	2.0	U	2.0	0.40	2	04/24/17 12:38	
1,2-Dichloroethane	2.0	U	2.0	0.72	2	04/24/17 12:38	
Trichloroethene	**1.1**	**J**	2.0	0.44	2	04/24/17 12:38	
1,2-Dichloropropane	2.0	U	2.0	0.40	2	04/24/17 12:38	
Bromodichloromethane	2.0	U	2.0	0.64	2	04/24/17 12:38	
cis-1,3-Dichloropropene	2.0	U	2.0	0.48	2	04/24/17 12:38	
4-Methyl-2-pentanone (MIBK)	10	U	10	1.4	2	04/24/17 12:38	
Toluene	2.0	U	2.0	0.40	2	04/24/17 12:38	
trans-1,3-Dichloropropene	2.0	U	2.0	0.40	2	04/24/17 12:38	
1,1,2-Trichloroethane	2.0	U	2.0	0.68	2	04/24/17 12:38	
Tetrachloroethene	2.0	U	2.0	0.60	2	04/24/17 12:38	
2-Hexanone	10	U	10	3.4	2	04/24/17 12:38	
Dibromochloromethane	2.0	U	2.0	0.62	2	04/24/17 12:38	
Chlorobenzene	2.0	U	2.0	0.58	2	04/24/17 12:38	
Ethylbenzene	2.0	U	2.0	0.40	2	04/24/17 12:38	
m,p-Xylenes	4.0	U	4.0	0.66	2	04/24/17 12:38	
o-Xylene	2.0	U	2.0	0.40	2	04/24/17 12:38	
Styrene	2.0	U	2.0	0.40	2	04/24/17 12:38	
Bromoform	2.0	U	2.0	0.84	2	04/24/17 12:38	
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.50	2	04/24/17 12:38	

Client:	CB&I	**Service Request:**	R1703414
Project:	Textron Wheatfield	**Date Collected:**	04/18/17 11:15
Sample Matrix:	Water	**Date Received:**	04/19/17 08:45
Sample Name:	BAT-EW-5-170418	**Units:**	ug/L
Lab Code:	R1703414-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	107	85 - 122	04/24/17 12:38	
Toluene-d8	113	87 - 121	04/24/17 12:38	
Dibromofluoromethane	108	89 - 119	04/24/17 12:38	

Analytical Report

Client:	CB&I	**Service Request:**	R1703414
Project:	Textron Wheatfield	**Date Collected:**	04/18/17 11:50
Sample Matrix:	Water	**Date Received:**	04/19/17 08:45
Sample Name:	BAT-EW-6-170418	**Units:**	ug/L
Lab Code:	R1703414-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Chloromethane	1.0 U	1.0	0.21	1	04/21/17 14:07	
Vinyl Chloride	1.0 U	1.0	0.32	1	04/21/17 14:07	
Chloroethane	1.0 U	1.0	0.24	1	04/21/17 14:07	
Bromomethane	1.0 U	1.0	0.29	1	04/21/17 14:07	
1,1-Dichloroethene	1.0 U	1.0	0.57	1	04/21/17 14:07	
Acetone	**1.4 J**	5.0	1.3	1	04/21/17 14:07	
Carbon Disulfide	1.0 U	1.0	0.22	1	04/21/17 14:07	
Methylene Chloride	1.0 U	1.0	0.60	1	04/21/17 14:07	
trans-1,2-Dichloroethene	**0.64 J**	1.0	0.33	1	04/21/17 14:07	
1,1-Dichloroethane	**0.89 J**	1.0	0.20	1	04/21/17 14:07	
cis-1,2-Dichloroethene	**36**	1.0	0.30	1	04/21/17 14:07	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	04/21/17 14:07	
Chloroform	1.0 U	1.0	0.25	1	04/21/17 14:07	
1,1,1-Trichloroethane	**0.87 J**	1.0	0.36	1	04/21/17 14:07	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	04/21/17 14:07	
Benzene	1.0 U	1.0	0.20	1	04/21/17 14:07	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	04/21/17 14:07	
Trichloroethene	**0.61 J**	1.0	0.22	1	04/21/17 14:07	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	04/21/17 14:07	
Bromodichloromethane	1.0 U	1.0	0.32	1	04/21/17 14:07	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	04/21/17 14:07	
4-Methyl-2-pentanone (MIBK)	5.0 U	5.0	0.67	1	04/21/17 14:07	
Toluene	1.0 U	1.0	0.20	1	04/21/17 14:07	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	04/21/17 14:07	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	04/21/17 14:07	
Tetrachloroethene	1.0 U	1.0	0.30	1	04/21/17 14:07	
2-Hexanone	5.0 U	5.0	1.7	1	04/21/17 14:07	
Dibromochloromethane	1.0 U	1.0	0.31	1	04/21/17 14:07	
Chlorobenzene	1.0 U	1.0	0.29	1	04/21/17 14:07	
Ethylbenzene	1.0 U	1.0	0.20	1	04/21/17 14:07	
m,p-Xylenes	2.0 U	2.0	0.33	1	04/21/17 14:07	
o-Xylene	1.0 U	1.0	0.20	1	04/21/17 14:07	
Styrene	1.0 U	1.0	0.20	1	04/21/17 14:07	
Bromoform	1.0 U	1.0	0.42	1	04/21/17 14:07	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	04/21/17 14:07	

Client:	CB&I	**Service Request:**	R1703414
Project:	Textron Wheatfield	**Date Collected:**	04/18/17 11:50
Sample Matrix:	Water	**Date Received:**	04/19/17 08:45
Sample Name:	BAT-EW-6-170418	**Units:**	ug/L
Lab Code:	R1703414-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	04/21/17 14:07	
Toluene-d8	109	87 - 121	04/21/17 14:07	
Dibromofluoromethane	100	89 - 119	04/21/17 14:07	

Analytical Report

Client:	CB&I	**Service Request:**	R1703414
Project:	Textron Wheatfield	**Date Collected:**	04/18/17 12:00
Sample Matrix:	Water	**Date Received:**	04/19/17 08:45
Sample Name:	BAT-FB01-170418	**Units:**	ug/L
Lab Code:	R1703414-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Chloromethane	1.0 U	1.0	0.21	1	04/21/17 13:15	
Vinyl Chloride	1.0 U	1.0	0.32	1	04/21/17 13:15	
Chloroethane	1.0 U	1.0	0.24	1	04/21/17 13:15	
Bromomethane	1.0 U	1.0	0.29	1	04/21/17 13:15	
1,1-Dichloroethene	1.0 U	1.0	0.57	1	04/21/17 13:15	
Acetone	**2.4 J**	5.0	1.3	1	04/21/17 13:15	
Carbon Disulfide	1.0 U	1.0	0.22	1	04/21/17 13:15	
Methylene Chloride	1.0 U	1.0	0.60	1	04/21/17 13:15	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	04/21/17 13:15	
1,1-Dichloroethane	1.0 U	1.0	0.20	1	04/21/17 13:15	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	04/21/17 13:15	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	04/21/17 13:15	
Chloroform	1.0 U	1.0	0.25	1	04/21/17 13:15	
1,1,1-Trichloroethane	1.0 U	1.0	0.36	1	04/21/17 13:15	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	04/21/17 13:15	
Benzene	1.0 U	1.0	0.20	1	04/21/17 13:15	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	04/21/17 13:15	
Trichloroethene	1.0 U	1.0	0.22	1	04/21/17 13:15	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	04/21/17 13:15	
Bromodichloromethane	1.0 U	1.0	0.32	1	04/21/17 13:15	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	04/21/17 13:15	
4-Methyl-2-pentanone (MIBK)	5.0 U	5.0	0.67	1	04/21/17 13:15	
Toluene	1.0 U	1.0	0.20	1	04/21/17 13:15	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	04/21/17 13:15	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	04/21/17 13:15	
Tetrachloroethene	1.0 U	1.0	0.30	1	04/21/17 13:15	
2-Hexanone	5.0 U	5.0	1.7	1	04/21/17 13:15	
Dibromochloromethane	1.0 U	1.0	0.31	1	04/21/17 13:15	
Chlorobenzene	1.0 U	1.0	0.29	1	04/21/17 13:15	
Ethylbenzene	1.0 U	1.0	0.20	1	04/21/17 13:15	
m,p-Xylenes	2.0 U	2.0	0.33	1	04/21/17 13:15	
o-Xylene	1.0 U	1.0	0.20	1	04/21/17 13:15	
Styrene	1.0 U	1.0	0.20	1	04/21/17 13:15	
Bromoform	1.0 U	1.0	0.42	1	04/21/17 13:15	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	04/21/17 13:15	

Client:	CB&I	**Service Request:**	R1703414
Project:	Textron Wheatfield	**Date Collected:**	04/18/17 12:00
Sample Matrix:	Water	**Date Received:**	04/19/17 08:45
Sample Name:	BAT-FB01-170418	**Units:**	ug/L
Lab Code:	R1703414-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	04/21/17 13:15	
Toluene-d8	109	87 - 121	04/21/17 13:15	
Dibromofluoromethane	101	89 - 119	04/21/17 13:15	

Analytical Report

Client:	CB&I	**Service Request:**	R1703414
Project:	Textron Wheatfield	**Date Collected:**	04/18/17 12:25
Sample Matrix:	Water	**Date Received:**	04/19/17 08:45
Sample Name:	BAT-93-03(1)170418	**Units:**	ug/L
Lab Code:	R1703414-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Chloromethane	1.0 U	1.0	0.21	1	04/21/17 13:41	
Vinyl Chloride	1.0 U	1.0	0.32	1	04/21/17 13:41	
Chloroethane	1.0 U	1.0	0.24	1	04/21/17 13:41	
Bromomethane	1.0 U	1.0	0.29	1	04/21/17 13:41	
1,1-Dichloroethene	1.0 U	1.0	0.57	1	04/21/17 13:41	
Acetone	5.0 U	5.0	1.3	1	04/21/17 13:41	
Carbon Disulfide	**0.33 J**	1.0	0.22	1	04/21/17 13:41	
Methylene Chloride	1.0 U	1.0	0.60	1	04/21/17 13:41	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	04/21/17 13:41	
1,1-Dichloroethane	1.0 U	1.0	0.20	1	04/21/17 13:41	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	04/21/17 13:41	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	04/21/17 13:41	
Chloroform	1.0 U	1.0	0.25	1	04/21/17 13:41	
1,1,1-Trichloroethane	1.0 U	1.0	0.36	1	04/21/17 13:41	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	04/21/17 13:41	
Benzene	1.0 U	1.0	0.20	1	04/21/17 13:41	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	04/21/17 13:41	
Trichloroethene	1.0 U	1.0	0.22	1	04/21/17 13:41	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	04/21/17 13:41	
Bromodichloromethane	1.0 U	1.0	0.32	1	04/21/17 13:41	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	04/21/17 13:41	
4-Methyl-2-pentanone (MIBK)	5.0 U	5.0	0.67	1	04/21/17 13:41	
Toluene	1.0 U	1.0	0.20	1	04/21/17 13:41	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	04/21/17 13:41	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	04/21/17 13:41	
Tetrachloroethene	1.0 U	1.0	0.30	1	04/21/17 13:41	
2-Hexanone	5.0 U	5.0	1.7	1	04/21/17 13:41	
Dibromochloromethane	1.0 U	1.0	0.31	1	04/21/17 13:41	
Chlorobenzene	1.0 U	1.0	0.29	1	04/21/17 13:41	
Ethylbenzene	1.0 U	1.0	0.20	1	04/21/17 13:41	
m,p-Xylenes	2.0 U	2.0	0.33	1	04/21/17 13:41	
o-Xylene	1.0 U	1.0	0.20	1	04/21/17 13:41	
Styrene	1.0 U	1.0	0.20	1	04/21/17 13:41	
Bromoform	1.0 U	1.0	0.42	1	04/21/17 13:41	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	04/21/17 13:41	

Client:	CB&I	**Service Request:**	R1703414
Project:	Textron Wheatfield	**Date Collected:**	04/18/17 12:25
Sample Matrix:	Water	**Date Received:**	04/19/17 08:45
Sample Name:	BAT-93-03(1)170418	**Units:**	ug/L
Lab Code:	R1703414-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	04/21/17 13:41	
Toluene-d8	111	87 - 121	04/21/17 13:41	
Dibromofluoromethane	103	89 - 119	04/21/17 13:41	

Analytical Report

Client:	CB&I	**Service Request:**	R1703414
Project:	Textron Wheatfield	**Date Collected:**	04/18/17
Sample Matrix:	Water	**Date Received:**	04/19/17 08:45
Sample Name:	BAT-TB-170418	**Units:**	ug/L
Lab Code:	R1703414-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Chloromethane	1.0 U	1.0	0.21	1	04/21/17 12:46	
Vinyl Chloride	1.0 U	1.0	0.32	1	04/21/17 12:46	
Chloroethane	1.0 U	1.0	0.24	1	04/21/17 12:46	
Bromomethane	**0.79 BJ**	1.0	0.29	1	04/21/17 12:46	
1,1-Dichloroethene	1.0 U	1.0	0.57	1	04/21/17 12:46	
Acetone	**1.7 J**	5.0	1.3	1	04/21/17 12:46	
Carbon Disulfide	1.0 U	1.0	0.22	1	04/21/17 12:46	
Methylene Chloride	1.0 U	1.0	0.60	1	04/21/17 12:46	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	04/21/17 12:46	
1,1-Dichloroethane	1.0 U	1.0	0.20	1	04/21/17 12:46	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	04/21/17 12:46	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	04/21/17 12:46	
Chloroform	1.0 U	1.0	0.25	1	04/21/17 12:46	
1,1,1-Trichloroethane	1.0 U	1.0	0.36	1	04/21/17 12:46	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	04/21/17 12:46	
Benzene	1.0 U	1.0	0.20	1	04/21/17 12:46	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	04/21/17 12:46	
Trichloroethene	1.0 U	1.0	0.22	1	04/21/17 12:46	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	04/21/17 12:46	
Bromodichloromethane	1.0 U	1.0	0.32	1	04/21/17 12:46	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	04/21/17 12:46	
4-Methyl-2-pentanone (MIBK)	5.0 U	5.0	0.67	1	04/21/17 12:46	
Toluene	1.0 U	1.0	0.20	1	04/21/17 12:46	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	04/21/17 12:46	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	04/21/17 12:46	
Tetrachloroethene	1.0 U	1.0	0.30	1	04/21/17 12:46	
2-Hexanone	5.0 U	5.0	1.7	1	04/21/17 12:46	
Dibromochloromethane	1.0 U	1.0	0.31	1	04/21/17 12:46	
Chlorobenzene	1.0 U	1.0	0.29	1	04/21/17 12:46	
Ethylbenzene	1.0 U	1.0	0.20	1	04/21/17 12:46	
m,p-Xylenes	2.0 U	2.0	0.33	1	04/21/17 12:46	
o-Xylene	1.0 U	1.0	0.20	1	04/21/17 12:46	
Styrene	1.0 U	1.0	0.20	1	04/21/17 12:46	
Bromoform	1.0 U	1.0	0.42	1	04/21/17 12:46	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	04/21/17 12:46	

Analytical Report

Client:	CB&I	**Service Request:**	R1703414
Project:	Textron Wheatfield	**Date Collected:**	04/18/17
Sample Matrix:	Water	**Date Received:**	04/19/17 08:45
Sample Name:	BAT-TB-170418	**Units:**	ug/L
Lab Code:	R1703414-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	04/21/17 12:46	
Toluene-d8	112	87 - 121	04/21/17 12:46	
Dibromofluoromethane	110	89 - 119	04/21/17 12:46	

Analytical Report

Client:	CB&I	**Service Request:**	R1703414
Project:	Textron Wheatfield	**Date Collected:**	04/18/17
Sample Matrix:	Water	**Date Received:**	04/19/17 08:45
Sample Name:	BAT-DUP-01-170418	**Units:**	ug/L
Lab Code:	R1703414-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Chloromethane	1.0 U	1.0	0.21	1	04/21/17 14:33	
Vinyl Chloride	**51**	1.0	0.32	1	04/21/17 14:33	
Chloroethane	1.0 U	1.0	0.24	1	04/21/17 14:33	
Bromomethane	1.0 U	1.0	0.29	1	04/21/17 14:33	
1,1-Dichloroethene	1.0 U	1.0	0.57	1	04/21/17 14:33	
Acetone	**1.4 J**	5.0	1.3	1	04/21/17 14:33	
Carbon Disulfide	**0.39 J**	1.0	0.22	1	04/21/17 14:33	
Methylene Chloride	1.0 U	1.0	0.60	1	04/21/17 14:33	
trans-1,2-Dichloroethene	**1.9**	1.0	0.33	1	04/21/17 14:33	
1,1-Dichloroethane	**1.9**	1.0	0.20	1	04/21/17 14:33	
cis-1,2-Dichloroethene	**67**	1.0	0.30	1	04/21/17 14:33	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	04/21/17 14:33	
Chloroform	1.0 U	1.0	0.25	1	04/21/17 14:33	
1,1,1-Trichloroethane	**1.2**	1.0	0.36	1	04/21/17 14:33	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	04/21/17 14:33	
Benzene	1.0 U	1.0	0.20	1	04/21/17 14:33	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	04/21/17 14:33	
Trichloroethene	**0.91 J**	1.0	0.22	1	04/21/17 14:33	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	04/21/17 14:33	
Bromodichloromethane	1.0 U	1.0	0.32	1	04/21/17 14:33	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	04/21/17 14:33	
4-Methyl-2-pentanone (MIBK)	5.0 U	5.0	0.67	1	04/21/17 14:33	
Toluene	1.0 U	1.0	0.20	1	04/21/17 14:33	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	04/21/17 14:33	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	04/21/17 14:33	
Tetrachloroethene	1.0 U	1.0	0.30	1	04/21/17 14:33	
2-Hexanone	5.0 U	5.0	1.7	1	04/21/17 14:33	
Dibromochloromethane	1.0 U	1.0	0.31	1	04/21/17 14:33	
Chlorobenzene	1.0 U	1.0	0.29	1	04/21/17 14:33	
Ethylbenzene	1.0 U	1.0	0.20	1	04/21/17 14:33	
m,p-Xylenes	2.0 U	2.0	0.33	1	04/21/17 14:33	
o-Xylene	1.0 U	1.0	0.20	1	04/21/17 14:33	
Styrene	1.0 U	1.0	0.20	1	04/21/17 14:33	
Bromoform	1.0 U	1.0	0.42	1	04/21/17 14:33	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	04/21/17 14:33	

Client:	CB&I	**Service Request:**	R1703414
Project:	Textron Wheatfield	**Date Collected:**	04/18/17
Sample Matrix:	Water	**Date Received:**	04/19/17 08:45
Sample Name:	BAT-DUP-01-170418	**Units:**	ug/L
Lab Code:	R1703414-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	04/21/17 14:33	
Toluene-d8	109	87 - 121	04/21/17 14:33	
Dibromofluoromethane	103	89 - 119	04/21/17 14:33	

QC Summary Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Volatile Organic Compounds by GC/MS

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www.alsglobal.com

Client: CB&I **Service Request:** R1703414
Project: Textron Wheatfield
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Sample Name	Lab Code	4-Bromofluorobenzene 85 - 122	Dibromofluoromethane 89 - 119	Toluene-d8 87 - 121
BAT-EW-2-170418	R1703414-001	100	101	108
BAT-EW-3-170418	R1703414-002	100	102	112
BAT-EW-4-170418	R1703414-003	102	105	110
BAT-EW-5-170418	R1703414-004	107	108	113
BAT-EW-6-170418	R1703414-005	103	100	109
BAT-FB01-170418	R1703414-006	102	101	109
BAT-93-03(1)170418	R1703414-007	103	103	111
BAT-TB-170418	R1703414-008	103	110	112
BAT-DUP-01-170418	R1703414-009	102	103	109
Lab Control Sample	RQ1703566-03	102	102	110
Method Blank	RQ1703566-04	104	104	107
BAT-EW-2-170418 MS	RQ1703566-07	105	102	107
BAT-EW-2-170418 DMS	RQ1703566-08	107	100	109
Lab Control Sample	RQ1703625-03	103	103	113
Method Blank	RQ1703625-04	104	100	109

Client:	CB&I	**Service Request:**	R1703414
Project:	Textron Wheatfield	**Date Collected:**	04/18/17
Sample Matrix:	Water	**Date Received:**	04/19/17
		Date Analyzed:	04/21/17

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	BAT-EW-2-170418	**Units:**	ug/L
Lab Code:	R1703414-001	**Basis:**	NA
Analysis Method:	8260C		

		Matrix Spike RQ1703566-07			**Duplicate Matrix Spike** RQ1703566-08					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Chloromethane	1.0 U	45.8	50.0	92	47.7	50.0	95	55-160	4	30
Vinyl Chloride	2.8	58.8	50.0	112	59.4	50.0	113	60-157	1	30
Chloroethane	1.0 U	47.3	50.0	95	51.8	50.0	104	70-140	9	30
Bromomethane	1.0 U	41.9	50.0	84	44.3	50.0	89	10-162	6	30
1,1-Dichloroethene	1.0 U	48.8	50.0	98	49.4	50.0	99	74-139	1	30
Acetone	5.0 U	55.4	50.0	111	56.5	50.0	113	29-151	2	30
Carbon Disulfide	1.0 U	44.3	50.0	89	47.6	50.0	95	34-162	7	30
Methylene Chloride	1.0 U	53.3	50.0	107	52.7	50.0	105	75-121	1	30
trans-1,2-Dichloroethene	1.1	48.1	50.0	94	50.9	50.0	100	77-125	6	30
1,1-Dichloroethane	2.1	54.3	50.0	104	55.7	50.0	107	74-132	3	30
cis-1,2-Dichloroethene	7.8	58.3	50.0	101	60.9	50.0	106	72-133	4	30
2-Butanone (MEK)	5.0 U	55.9	50.0	112	56.5	50.0	113	46-141	1	30
Chloroform	0.64 J	56.3	50.0	111	55.8	50.0	110	75-130	<1	30
1,1,1-Trichloroethane	2.9	58.0	50.0	110	60.2	50.0	115	74-127	4	30
Carbon Tetrachloride	1.0 U	53.4	50.0	107	53.4	50.0	107	65-135	<1	30
Benzene	1.0 U	50.8	50.0	102	50.4	50.0	101	76-129	<1	30
1,2-Dichloroethane	1.0 U	55.0	50.0	110	53.6	50.0	107	68-130	2	30
Trichloroethene	2.7	55.4	50.0	105	55.3	50.0	105	62-142	<1	30
1,2-Dichloropropane	1.0 U	51.6	50.0	103	51.2	50.0	102	79-124	<1	30
Bromodichloromethane	1.0 U	53.7	50.0	107	54.8	50.0	110	76-127	2	30
cis-1,3-Dichloropropene	1.0 U	47.1	50.0	94	44.0	50.0	88	52-134	7	30
4-Methyl-2-pentanone (MIBK)	5.0 U	56.4	50.0	113	56.6	50.0	113	60-141	<1	30
Toluene	1.0 U	46.1	50.0	92	46.5	50.0	93	79-125	<1	30
trans-1,3-Dichloropropene	1.0 U	48.7	50.0	97	46.2	50.0	92	50-142	5	30
1,1,2-Trichloroethane	1.0 U	53.9	50.0	108	52.0	50.0	104	79-119	4	30
Tetrachloroethene	1.0 U	53.2	50.0	106	51.0	50.0	102	67-137	4	30
2-Hexanone	5.0 U	56.2	50.0	112	56.2	50.0	112	56-132	<1	30
Dibromochloromethane	1.0 U	49.7	50.0	99	50.3	50.0	101	72-128	1	30
Chlorobenzene	1.0 U	47.9	50.0	96	47.7	50.0	95	76-125	<1	30
Ethylbenzene	1.0 U	50.5	50.0	101	52.5	50.0	105	72-134	4	30
m,p-Xylenes	2.0 U	103	100	103	98.2	100	98	68-138	5	30
o-Xylene	1.0 U	50.0	50.0	100	52.5	50.0	105	68-134	5	30
Styrene	1.0 U	52.5	50.0	105	52.8	50.0	106	34-156	<1	30
Bromoform	1.0 U	51.6	50.0	103	51.9	50.0	104	58-133	<1	30
1,1,2,2-Tetrachloroethane	1.0 U	53.6	50.0	107	54.1	50.0	108	72-122	<1	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Analytical Report

Client:	CB&I	**Service Request:**	R1703414
Project:	Textron Wheatfield	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1703566-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Chloromethane	1.0 U	1.0	0.21	1	04/21/17 11:17	
Vinyl Chloride	1.0 U	1.0	0.32	1	04/21/17 11:17	
Chloroethane	1.0 U	1.0	0.24	1	04/21/17 11:17	
Bromomethane	**0.66 J**	1.0	0.29	1	04/21/17 11:17	
1,1-Dichloroethene	1.0 U	1.0	0.57	1	04/21/17 11:17	
Acetone	5.0 U	5.0	1.3	1	04/21/17 11:17	
Carbon Disulfide	1.0 U	1.0	0.22	1	04/21/17 11:17	
Methylene Chloride	1.0 U	1.0	0.60	1	04/21/17 11:17	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	04/21/17 11:17	
1,1-Dichloroethane	1.0 U	1.0	0.20	1	04/21/17 11:17	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	04/21/17 11:17	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	04/21/17 11:17	
Chloroform	1.0 U	1.0	0.25	1	04/21/17 11:17	
1,1,1-Trichloroethane	1.0 U	1.0	0.36	1	04/21/17 11:17	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	04/21/17 11:17	
Benzene	1.0 U	1.0	0.20	1	04/21/17 11:17	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	04/21/17 11:17	
Trichloroethene	1.0 U	1.0	0.22	1	04/21/17 11:17	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	04/21/17 11:17	
Bromodichloromethane	1.0 U	1.0	0.32	1	04/21/17 11:17	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	04/21/17 11:17	
4-Methyl-2-pentanone (MIBK)	5.0 U	5.0	0.67	1	04/21/17 11:17	
Toluene	1.0 U	1.0	0.20	1	04/21/17 11:17	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	04/21/17 11:17	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	04/21/17 11:17	
Tetrachloroethene	1.0 U	1.0	0.30	1	04/21/17 11:17	
2-Hexanone	5.0 U	5.0	1.7	1	04/21/17 11:17	
Dibromochloromethane	1.0 U	1.0	0.31	1	04/21/17 11:17	
Chlorobenzene	1.0 U	1.0	0.29	1	04/21/17 11:17	
Ethylbenzene	1.0 U	1.0	0.20	1	04/21/17 11:17	
m,p-Xylenes	2.0 U	2.0	0.33	1	04/21/17 11:17	
o-Xylene	1.0 U	1.0	0.20	1	04/21/17 11:17	
Styrene	1.0 U	1.0	0.20	1	04/21/17 11:17	
Bromoform	1.0 U	1.0	0.42	1	04/21/17 11:17	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	04/21/17 11:17	

Analytical Report

Client:	CB&I	**Service Request:**	R1703414
Project:	Textron Wheatfield	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1703566-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	85 - 122	04/21/17 11:17	
Toluene-d8	107	87 - 121	04/21/17 11:17	
Dibromofluoromethane	104	89 - 119	04/21/17 11:17	

Analytical Report

Client:	CB&I	**Service Request:**	R1703414
Project:	Textron Wheatfield	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1703625-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Chloromethane	1.0 U	1.0	0.21	1	04/24/17 10:48	
Vinyl Chloride	1.0 U	1.0	0.32	1	04/24/17 10:48	
Chloroethane	1.0 U	1.0	0.24	1	04/24/17 10:48	
Bromomethane	**0.58 J**	1.0	0.29	1	04/24/17 10:48	
1,1-Dichloroethene	1.0 U	1.0	0.57	1	04/24/17 10:48	
Acetone	5.0 U	5.0	1.3	1	04/24/17 10:48	
Carbon Disulfide	1.0 U	1.0	0.22	1	04/24/17 10:48	
Methylene Chloride	1.0 U	1.0	0.60	1	04/24/17 10:48	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	04/24/17 10:48	
1,1-Dichloroethane	1.0 U	1.0	0.20	1	04/24/17 10:48	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	04/24/17 10:48	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	04/24/17 10:48	
Chloroform	1.0 U	1.0	0.25	1	04/24/17 10:48	
1,1,1-Trichloroethane	1.0 U	1.0	0.36	1	04/24/17 10:48	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	04/24/17 10:48	
Benzene	1.0 U	1.0	0.20	1	04/24/17 10:48	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	04/24/17 10:48	
Trichloroethene	1.0 U	1.0	0.22	1	04/24/17 10:48	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	04/24/17 10:48	
Bromodichloromethane	1.0 U	1.0	0.32	1	04/24/17 10:48	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	04/24/17 10:48	
4-Methyl-2-pentanone (MIBK)	5.0 U	5.0	0.67	1	04/24/17 10:48	
Toluene	1.0 U	1.0	0.20	1	04/24/17 10:48	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	04/24/17 10:48	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	04/24/17 10:48	
Tetrachloroethene	1.0 U	1.0	0.30	1	04/24/17 10:48	
2-Hexanone	5.0 U	5.0	1.7	1	04/24/17 10:48	
Dibromochloromethane	1.0 U	1.0	0.31	1	04/24/17 10:48	
Chlorobenzene	1.0 U	1.0	0.29	1	04/24/17 10:48	
Ethylbenzene	1.0 U	1.0	0.20	1	04/24/17 10:48	
m,p-Xylenes	2.0 U	2.0	0.33	1	04/24/17 10:48	
o-Xylene	1.0 U	1.0	0.20	1	04/24/17 10:48	
Styrene	1.0 U	1.0	0.20	1	04/24/17 10:48	
Bromoform	1.0 U	1.0	0.42	1	04/24/17 10:48	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	04/24/17 10:48	

Analytical Report

Client:	CB&I	**Service Request:**	R1703414
Project:	Textron Wheatfield	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1703625-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	85 - 122	04/24/17 10:48	
Toluene-d8	109	87 - 121	04/24/17 10:48	
Dibromofluoromethane	100	89 - 119	04/24/17 10:48	

Client: CB&I
Project: Textron Wheatfield
Sample Matrix: Water

Service Request: R1703414
Date Analyzed: 04/21/17

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ1703566-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Chloromethane	8260C	19.1	20.0	95	69-145
Vinyl Chloride	8260C	22.5	20.0	112	69-133
Chloroethane	8260C	18.3	20.0	91	70-127
Bromomethane	8260C	19.9	20.0	99	42-166
1,1-Dichloroethene	8260C	17.8	20.0	89	74-135
Acetone	8260C	19.0	20.0	95	40-161
Carbon Disulfide	8260C	19.3	20.0	97	65-127
Methylene Chloride	8260C	19.9	20.0	99	73-122
trans-1,2-Dichloroethene	8260C	17.9	20.0	90	80-120
1,1-Dichloroethane	8260C	20.4	20.0	102	78-117
cis-1,2-Dichloroethene	8260C	19.8	20.0	99	80-121
2-Butanone (MEK)	8260C	20.9	20.0	104	61-137
Chloroform	8260C	21.1	20.0	106	76-120
1,1,1-Trichloroethane	8260C	20.9	20.0	104	74-120
Carbon Tetrachloride	8260C	21.1	20.0	105	68-125
Benzene	8260C	19.7	20.0	98	76-118
1,2-Dichloroethane	8260C	20.9	20.0	104	71-127
Trichloroethene	8260C	20.4	20.0	102	78-123
1,2-Dichloropropane	8260C	19.6	20.0	98	80-119
Bromodichloromethane	8260C	21.1	20.0	105	78-126
cis-1,3-Dichloropropene	8260C	20.7	20.0	103	74-126
4-Methyl-2-pentanone (MIBK)	8260C	20.9	20.0	104	66-124
Toluene	8260C	19.7	20.0	98	77-120
trans-1,3-Dichloropropene	8260C	21.5	20.0	107	67-135
1,1,2-Trichloroethane	8260C	21.1	20.0	106	82-118
Tetrachloroethene	8260C	19.3	20.0	97	78-124
2-Hexanone	8260C	19.8	20.0	99	63-124
Dibromochloromethane	8260C	19.9	20.0	100	77-128
Chlorobenzene	8260C	18.2	20.0	91	80-121
Ethylbenzene	8260C	18.9	20.0	95	76-120
m,p-Xylenes	8260C	39.4	40.0	99	78-123
o-Xylene	8260C	19.7	20.0	99	80-120
Styrene	8260C	20.7	20.0	104	80-124

Client: CB&I
Project: Textron Wheatfield
Sample Matrix: Water

Service Request: R1703414
Date Analyzed: 04/21/17

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ1703566-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Bromoform	8260C	20.1	20.0	100	71-136
1,1,2,2-Tetrachloroethane	8260C	20.2	20.0	101	78-122

Client: CB&I
Project: Textron Wheatfield
Sample Matrix: Water

Service Request: R1703414
Date Analyzed: 04/24/17

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ1703625-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Chloromethane	8260C	18.2	20.0	91	69-145
Vinyl Chloride	8260C	22.2	20.0	111	69-133
Chloroethane	8260C	18.7	20.0	93	70-127
Bromomethane	8260C	19.3	20.0	96	42-166
1,1-Dichloroethene	8260C	17.9	20.0	89	74-135
Acetone	8260C	23.5	20.0	118	40-161
Carbon Disulfide	8260C	21.2	20.0	106	65-127
Methylene Chloride	8260C	21.0	20.0	105	73-122
trans-1,2-Dichloroethene	8260C	18.7	20.0	93	80-120
1,1-Dichloroethane	8260C	19.5	20.0	98	78-117
cis-1,2-Dichloroethene	8260C	20.2	20.0	101	80-121
2-Butanone (MEK)	8260C	21.3	20.0	107	61-137
Chloroform	8260C	21.4	20.0	107	76-120
1,1,1-Trichloroethane	8260C	21.5	20.0	108	74-120
Carbon Tetrachloride	8260C	20.5	20.0	102	68-125
Benzene	8260C	19.3	20.0	97	76-118
1,2-Dichloroethane	8260C	21.6	20.0	108	71-127
Trichloroethene	8260C	20.0	20.0	100	78-123
1,2-Dichloropropane	8260C	19.3	20.0	96	80-119
Bromodichloromethane	8260C	21.1	20.0	106	78-126
cis-1,3-Dichloropropene	8260C	19.2	20.0	96	74-126
4-Methyl-2-pentanone (MIBK)	8260C	22.8	20.0	114	66-124
Toluene	8260C	19.4	20.0	97	77-120
trans-1,3-Dichloropropene	8260C	20.9	20.0	104	67-135
1,1,2-Trichloroethane	8260C	21.5	20.0	108	82-118
Tetrachloroethene	8260C	19.9	20.0	100	78-124
2-Hexanone	8260C	21.4	20.0	107	63-124
Dibromochloromethane	8260C	20.5	20.0	102	77-128
Chlorobenzene	8260C	18.7	20.0	94	80-121
Ethylbenzene	8260C	20.0	20.0	100	76-120
m,p-Xylenes	8260C	39.0	40.0	97	78-123
o-Xylene	8260C	19.6	20.0	98	80-120
Styrene	8260C	20.4	20.0	102	80-124

Client: CB&I
Project: Textron Wheatfield
Sample Matrix: Water

Service Request: R1703414
Date Analyzed: 04/24/17

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ1703625-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Bromoform	8260C	20.9	20.0	105	71-136
1,1,2,2-Tetrachloroethane	8260C	19.7	20.0	98	78-122