October 31, 2017

Mr. David Szymanski
New York State Department of Environmental Conservation
270 Michigan Ave
Buffalo, NY 14203-2915

Subject: 2016 Periodic Review Report
Former Buffalo Color Corporation – Area C Site No. C915231
OSC 16011

Dear Mr. Szymanski:

On behalf of South Buffalo Development Corporation, LLC (SBD), Ontario Specialty Contracting, Inc. (OSC) is submitting this Periodic Review Report (PRR) for the Buffalo Color Area C Site (referred to hereafter as the "Site"). This PRR acts to chronicle and assess all post remedial activities conducted during the 2016 year (referred to hereafter as the "reporting period").

The completed Site Management Periodic Review Report (PRR) Notice - Institutional and Engineering controls Certification Form is provided herein as **Attachment A**. The following paragraphs provide the information specified in the original 45-day PRR notice letter issued by New York State Department of Environmental Conservation's (NYSDEC's) Albany, NY office.

I. Executive Summary

A. Site Summary: The 6.03 acre Site is located at 229 Elk Street in the City of Buffalo, County of Erie, New York. It is one of five areas that comprised the former Buffalo Color Corporation, which produced dyes and organic chemicals until its bankruptcy in 2005.

Remedial investigations determined that Site soil contained concentrations of certain metals and organic substances that exceeded the NY Commercial Soil Cleanup Objectives (SCOs). Shallow groundwater on the northern half of Area C was found to contain concentrations of volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) that exceeded the NY Class GA standards.

The primary remedial objectives at the Area C Site were to eliminate the potential for direct contact with impacted soils and to eliminate the potential for impacted groundwater to discharge off-Site. The key remedial actions for the Site included:

- Excavation and off-Site disposal of soils containing constituents exceeding SCOs;
- Utilization of a bioremediation enhancement agent (Regenesis ORC-A) within source excavation backfill to promote the bioremediation of residual soil and groundwater contamination.
- Installation of an integrated Site-wide cover system to prevent human exposure to remaining contamination at the Site;
- Abandonment/plugging of unused process sewers and installation of a new storm sewer system;
- Execution and recording of an Environmental Easement to restrict land use and address future exposure to any remaining contamination at the Site; and
- Development and implementation of a Site Management Plan for long term management of remaining contamination.

During the reporting period, the following routine Operations, Maintenance, and Monitoring (OMM) activities were completed in accordance with the Site Management Plan prepared by Mactec Engineering and Consulting P.C. dated December 20, 2010 (referred to hereafter as the SMP):

- Quarterly shallow groundwater sampling; and
- Quarterly Site inspections.

Tables summarizing groundwater monitoring results and figures showing the corresponding VOC concentrations are included in **Attachment C** for each of the quarterly sampling events covered within the reporting time period.

B. Effectiveness of the Remedial Program: The following conclusions were developed based on the data collected during the reporting period:

- Based on the results of the quarterly inspection reports, which verify that the integrity of the cover system is currently satisfactory and vegetation is established within soil/grass areas, the remedy remains protective for direct contact with impacted soils.
- Elevated concentrations of VOCs remain at the Site as shown by the data from monitoring wells MW-C04, PS-05A, and RFI-31; however, decreasing trends (evident in RFI-31, PS-05A, and RFI-20) and asymptotic and/or below standards concentrations (evident in PS-04A, PS-06, MW-C01 and MW-C04) is apparent from the long term groundwater analytical comparative tables. Tabulated groundwater analytical data, isoconcentration and groundwater elevation figures are provided in **Attachment C**.

C. Compliance: No areas of non-compliance have been identified.

D. Recommendations: No changes to the 2010 SMP are currently warranted or recommended. Routine OMM activities will continue in the subsequent reporting period.

II. Site Overview

A. Site Location: The Site is located at 229 Elk Street in the City of Buffalo, County of Erie, New York. The Site is an approximate 6.03-acre area bounded by Elk Street to the north, a rail spur and associated right-of-way to the south, Lee Street to the east, and railroad tracks to the west. Structures located on Area C include the former Buffalo Color powerhouse, which include former building numbers 204, 205, 207, 208, 220, 221, 222, and 223. These structures have been cleared of asbestos and residual chemicals and are currently planned to be renovated for adaptive reuse. The Site is part of the former Buffalo Color Corporation facility, which also included Areas A and B located beyond the rail spur to the south and Area E located across Lee Street to the east (**Figure 1**). The surrounding area consists of industrial and residential properties.

Originally founded as the Schoellkopf Aniline and Dye Company in 1879, the plant produced dyes and organic chemicals based primarily on aniline and various aniline derivatives. The company was reorganized into the National Aniline Chemical Company in 1916. It became one of the five companies that merged to create Allied Chemical Corporation (Allied Chemical) in 1920. The existing dye-making facility and the right to produce certain dyes and intermediates were sold by Allied Chemical to Buffalo Color Corporation on July 1, 1977. At the time of the sale, the plant was divided into eight areas designated with the letters A, B, C, D, E, F, G, and H. Buffalo Color Corporation purchased the manufacturing areas A through E, while Allied Chemical retained an acid plant (which was subsequently sold to PVS Chemicals in 1981), the research and development facility on Area F, and the parking lots on Areas G (Elk Street) and H (Smith Street). In 2005,

Buffalo Color Corporation filed for bankruptcy and ceased manufacturing activity. During the bankruptcy proceedings, some of the facility's production equipment was sold and removed from the Site. In conjunction with the bankruptcy, the office building and former plant hospital located at 100 Lee Street on Area B and the warehouse building (Building 322) located near Elk Street on Area E, along with some of the land under and around those buildings, were sold to other parties. Agreements are in place to preserve access rights to the land for the purposes of any required environmental investigation and remediation activities. The remaining buildings and property on Areas A, B, C, D and E were purchased by SBD in 2008.

B. Chronology: Numerous environmental investigations have been completed for the Buffalo Color property, including Area C, dating back to the 1980s. In 2007-2008, Mactec Engineering and Consulting P.C. completed, with NYSDEC approval, a Remedial Investigation (RI) to build off of prior studies and characterize the nature and extent of contamination at the Site. In early 2009, demolition of former plant structures and remedial source excavations were initiated.

The primary remedial objectives at the Area C Site were to eliminate the potential for direct contact with impacted soils and to eliminate the potential for impacted groundwater to discharge off-Site. The key remedial actions for the Site are summarized below:

- Excavation and off-Site disposal of approximately 10,527 CY (in-place volume) of VOC-contaminated soils from two locations on the northern side of Area C to accomplish mass removal of the source material;
- The addition of a bioremediation enhancement agent (Regenesis ORC-A) to the excavation backfill to promote the bioremediation of residual soil and groundwater contamination at the excavated areas;
- Utilization of an integrated Site-wide cover system consisting of a combination of a minimum of one foot of imported clean soil and topsoil (seeded with native grasses) underlain by a demarcation layer consisting of a woven geotextile, existing/new pavement (asphalt or concrete), and/or existing buildings to address human exposure to remaining contamination at the Site;
- Abandonment/plugging of unused process sewers and installation of new storm sewer infrastructure, as appropriate;
- Execution and recording of an Environmental Easement in favor of NYSDEC to restrict land use and address future exposure to any remaining contamination at the Site. Elements of the Environmental Easement include prohibiting groundwater use, providing protocols for disturbance of Site and, soils and/or groundwater, limiting future land use to commercial or industrial use, and requiring that occupied structures associated with future development at the Site address the vapor intrusion (VI) pathway (either through construction methods or through additional characterization to ensure that the area over which the structure will reside does not present a potential VI concern); and
- Development and implementation of a Site Management Plan for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring, (3) operation and maintenance and (4) reporting.

The above-described remedial activities were completed at the Site in 2010 and are documented in the Area C Final Engineering Report (Mactec, 2010).

Groundwater monitoring activities to assess contaminant levels in shallow Site groundwater and assess the process of natural attenuation (enhanced through addition of ORC-A to remedial excavation backfill), will continue, as determined by the NYSDEC, until residual groundwater concentrations are found to be consistently below NYSDEC standards or have become asymptotic at

an acceptable level over an extended period. Monitoring will continue until permission to discontinue is granted in writing by the NYSDEC.

III. Evaluation of Remedy Performance, Effectiveness and Protectiveness

A. The performance, effectiveness and protectiveness of the remedy is verified by ensuring that the cover system is intact as constructed and ensure that off-Site migration of remaining contamination is progressively mitigated through the long term Site monitoring well sampling program. New York State Water Quality Standards for Surface Water and Groundwater (Table 1, cf. section 703.5 - Class GA) are the established groundwater quality objectives for the Site. TestAmerica Laboratories, Inc. in Amherst, NY performed the laboratory analysis for the collected groundwater samples and Amec Foster Wheeler conducted a level 2 data validation of the corresponding data. Tabulated groundwater analytical data, isoconcentration and groundwater elevation figures are provided in **Attachment C**.

IV. IC/EC Plan Compliance Report

A. IC/EC Requirements and Compliance: A series of Institutional Controls (IC) have been developed and are adhered to by the established Site Environmental Easement. These Institutional Controls are designed to:

- Implement, maintain and monitor Engineering Control systems;
- Address future exposure to remaining contamination by controlling disturbances of the subsurface contamination;
- Prohibit Site groundwater use; and
- Limit the use and development of the Site to commercial and industrial uses only.

Engineering Controls (EC) developed for the Site consist of:

- An integrated Site-wide cover system consisting of a combination of a minimum of one foot of imported clean soil and topsoil (seeded with native grasses) underlain by a demarcation layer consisting of a woven geotextile, existing/new pavement (asphalt or concrete), and/or existing buildings to address human exposure to remaining contamination at the Site; and
- Provide protocols for the disturbance of Site soils and/or groundwater, and addressing potential vapor intrusion (VI) pathways of occupied structures associated with future development at the Site.

Compliance with the Site IC/EC's is evaluated through documented quarterly Site-wide and cover system inspections. Site-wide and cover system inspection sheets for the reporting period are provided in **Attachment B**. No deficiencies or comments for concern were noted throughout the reporting period.

B. IC/EC Certification: The IC/EC certifications are provided in **Attachment A**.

V. Monitoring Plan Compliance Report

A. Components of the Monitoring Plan: Routine Site monitoring activities include:

- Quarterly Low-Flow shallow groundwater sampling; and
- Quarterly Site and cover system inspections.

B. Summary of Monitoring Completed During Reporting Period: The following tables summarize the routine Site monitoring activities that have been completed in accordance with SMP during the reporting period:

AREA C 2015 QUARTERLY MONITORING COMPLIANCE SUMMARY

	2016			
Monitoring Type	1st	2nd	3rd	4th
Low-Flow Shallow Groundwater Well Sampling	X	X	X	X
Site-Wide & Cover System Inspections	X	X	X	X

AREA C 2015 QUARTERLY WELL MONITORING SUMMARY

			2016			
Well ID	*Monitoring Type*	*Monitoring Parameters*	1st	2nd	3rd	4th
MW-C01	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
RFI-31 / RFI-31A	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
PS-04A	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
MW-C04	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
RFI-20 / RFI-20A	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
PS-05A	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
PS-06	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X

Complete (X), Partial (P), Omitted (-)

C. Comparisons with Remedial Objectives: Site groundwater analytical results have been tabulated and compared against the established groundwater quality objectives for the Site. Refer to the Evaluation of Remedy Performance, Effectiveness and Protectiveness portion of this report (Section III) for additional information.

D. Monitoring Deficiencies: No monitoring deficiencies were observed.p

E. Conclusions and Recommendations for Changes: No changes are recommended at this time and routine monitoring will continue in the subsequent reporting period.

VI. Operations and Maintenance Plan Compliance Report

A. Components of the O&M Plan: The Site remedy does not currently rely on any mechanical systems, such as subslab depressurization systems or air sparge/ soil vapor extraction systems to protect public health and the environment. Therefore, the operation and maintenance of such components is not included within the SMP. Should an active system be required in the future, the SMP will be modified accordingly to address operation and maintenance requirements.

VII. Overall PRR Conclusions

A. Compliance with SMP: Activities completed during the reporting period complied with the requirements of the SMP.

B. Performance and Effectiveness of the Remedy: The cover system is intact as constructed and the Site remedy is preventing off-Site migration of Site-related COCs in groundwater. Site groundwater will continue to be monitored to determine if the remedy is decreasing COC concentrations in groundwater.

C. Future PRR Submittals: It is currently expected that the next PRR will be submitted on or about November 2018.

D. OSC is proposing redevelopment activities for the buildings located in Area C beginning in 2017. The proposal includes partial demolition and addition of a parking area.

Please review the attached information and feel free to contact me if you have any questions.

Sincerely,

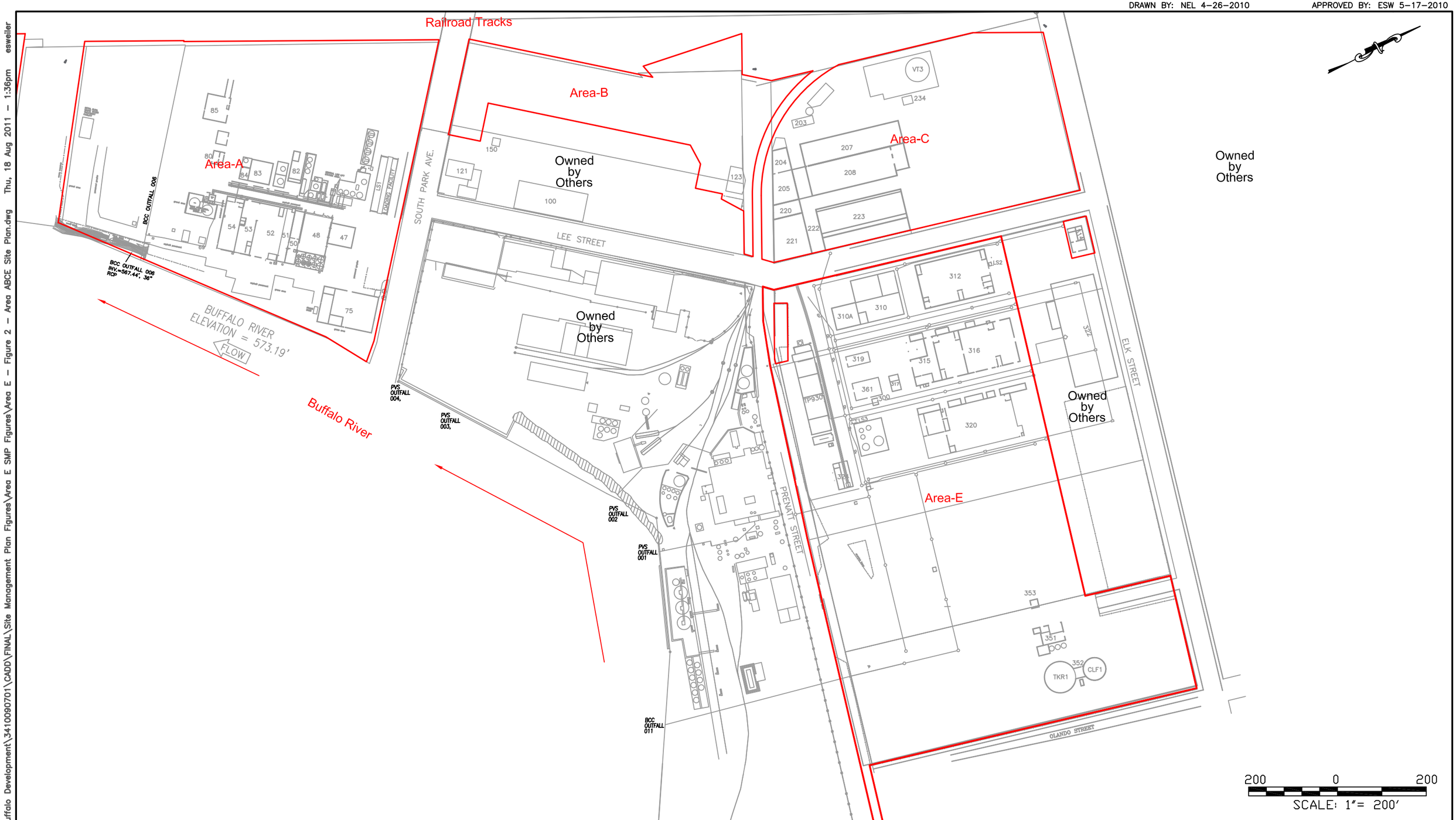
Kirsten Colligan
Project & Environmental Monitor - *Ontario Specialty Contracting, Inc.*

cc:	Eugene Melnyk	NYSDEC Region 9
	Richard Galloway	Honeywell International Inc.
	Daniel Forlastro	Mactec Engineering and Consulting, P.C.
	John Yensan	South Buffalo Development, LLC
	Jon Williams	South Buffalo Development, LLC

FIGURE 1

FORMER BUFFALO COLOR CORPORATION SITE PLAN

DRAWN BY: NEL 4-26-2010 APPROVED BY: ESW 5-17-2010



SOUTH BUFFALO DEVELOPMENT BUFFALO, NEW YORK	amec Environment & Infrastructure 800 North Bell Avenue, Suite 200 Pittsburgh, Pennsylvania 15106	SITE PLAN - FORMER BUFFALO COLOR AREAS ABCE Figure: 1	1

P:\PROJECTS\South Buffalo Development\3410090701\CADD\FINAL\Site Management Plan Figures\Area E SMP Figures\Area E - Figure 2 - Area ABCE Site Plan.dwg Thu, 18 Aug 2011 - 1:36pm esweiler

ATTACHMENT A

PRR NOTICE IC.EC CONTROLS CERTIFICATION FORM

Enclosure 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Site Management Periodic Review Report Notice

Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **C915231**

Site Name Buffalo Color Corporation Site Area C

Site Address: 229 Elk Street Zip Code: 14210
City/Town: Buffalo
County: Erie
Site Acreage: 6.0

Reporting Period: October 05, 2016 to October 05, 2017

	YES	NO
1. Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	☒	☐
7. Are all ICs/ECs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

	Box 2A	
	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☒
If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.		
9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☒	☐
If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.		

SITE NO. C915231	**Box 3**
Description of Institutional Controls	

Parcel	Owner	Institutional Control
122.12-1-30	South Buffalo Development, LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan

The Site Management Plan includes:
- An Institutional Controls Plan. Institutional controls at the site will include groundwater use restrictions and use restrictions of the Site to restricted use (i.e. commercial purposes).
- A Soil/Fill Management Plan to assure that future intrusive activities and soil/fill handling at the Site are completed in a safe and environmentally responsible manner.
- A Site Monitoring Plan that includes: provisions for groundwater monitoring; and,
- A Site-wide Inspection program to assure that the Institutional controls have not been altered and remain effective.

122.12-1-35	South Buffalo Development, LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan

The Site Management Plan includes:
- An Institutional Controls Plan. Institutional controls at the site will include groundwater use restrictions and use restrictions of the Site to restricted use (i.e. commercial purposes).
- A Soil/Fill Management Plan to assure that future intrusive activities and soil/fill handling at the Site are completed in a safe and environmentally responsible manner.
- A Site Monitoring Plan that includes: provisions for groundwater monitoring; and,
- A Site-wide Inspection program to assure that the Institutional controls have not been altered and remain effective.

122.12-1-36	South Buffalo Development, LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan

The Site Management Plan includes:
- An Institutional Controls Plan. Institutional controls at the site will include groundwater use restrictions and use restrictions of the Site to restricted use (i.e. commercial purposes).
- A Soil/Fill Management Plan to assure that future intrusive activities and soil/fill handling at the Site are completed in a safe and environmentally responsible manner.
- A Site Monitoring Plan that includes: provisions for groundwater monitoring; and,
- A Site-wide Inspection program to assure that the Institutional controls have not been altered and remain effective.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
122.12-1-30	Cover System

- Cover System per Site Management Plan.

122.12-1-35	Cover System

Parcel	Engineering Control
- Cover System per Site Management Plan.	
122.12-1-36	
	Cover System
- Cover System per Site Management Plan.	

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☒	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative _____ Date _____

SITE NO. C915231

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Jon M. Williams (print name) at 333 Ganson Street, Buffalo NY 14203 (print business address).

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

Date 11/3/17

IC/EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I John P. Black at 431 Carlisle Dr., Herndon, VA
print name print business address

am certifying as a Professional Engineer for the Owner
(Owner or Remedial Party)

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

STATE OF NEW YORK
JOHN P. BLACK
No. 062818-1
LICENSED PROFESSIONAL ENGINEER

11/3/2017
Date

ATTACHMENT B

SITE INSPECTIONS

Area C Cover System & Site-Wide Compliance Inspection		**Area C Additional Notes**	Review concrete retaining wall damage (DEC)			Ice House, Boiler house clean up in Fall (OSC)
	Site-Wide Compliance (OK / Comment)	**Area C Institutional Site Use Restrictions**	OK	OK	OK	OK
		Area C O&M Schedule	OK	OK	OK	OK
		Area C Active Site Permits	None	None	None	None
		Area C Site Records	OK	OK	OK	OK
		Area C Groundwater Monitoring Program	OK	OK	OK	OK
	Cover System (OK / Comment)	**Area C Storm Drainage System & Structures**	OK	OK	OK	OK
		Area C Occupied Basement Slabs	None	None	None	None
		Area C Outdoor Paved Areas	OK	OK	OK	OK
		Area C Gravel Cover Integrity	OK	OK	OK	OK
		Area C Grass / Vegetation	OK	OK	OK	OK
		Area C Soil Cover Integrity	OK	OK	OK	OK
Pre-Inspection Data	Site Conditions	**Standing Snow & Ice (LOW: 1" or less / MID: 1" to 12" / HI: 12" or more)**	None	None	None	Low
		Ground Surface (Dry / Damp / Wet)	Wet	Dry	Dry	Damp
	Weather	**Temperature Range (+/- 10 Deg F Range)**	52	78	72	52
		Wind (Calm / Moderate / Strong)	Calm	Calm	Calm	Calm
		Lightning (Yes / No)	No	No	No	No
		Precipitation (None / Rain / Snow / Hail)	None	None	None	None
		Cloud Cover (Clear / Pt. Cloudy / Overcast)	Pt. Cloudy	No	Clear	Cloudy
	NYSDEC Invitation Extended (Yes / No / List Attendees)		No	Yes	No	Yes
	Associate(s)		Tom Wagner(TW)	Tom Wagner	Tom Wagner	Tom Wagner
	Date		Wed 3/30/2016	Tue 6/21/2016	Mon 9/26/2016	Tue 11/29/2016

ATTACHMENT C

GROUNDWATER DATA TABLES AND FIGURES

		1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dicholorbenzene	1,4-Dicholorbenzene	Benzene	Cholorbenzene	Total TCL VOCs	2,4-Dichlorophenol	2,4-Dimethylphenol	Aniline	Benzo(a)pyrene	Phenol	Total TCL SVOCs
Class GA Standard**		5	3	3	3	1	5	--	1	1	5	0	1	--
MW-C01	11/18/2009	24	<5	6.8	2.8 J	<5	<5	33.6	<5	<5	<10	<5	<5	0
	10/10 - 11/10	ORC-A Application												
	3/24/2011	No Sample Collected												
	6/29/2011	6.2	1.2	5.7	1.2	<1	18	32.3	<5.6	<5.6	<11	2.3 J	<5.6	2.3
	9/30/2011	<4	<4	<4	<4	<4	<4	0	<5.9	<5.9	<12	0.63 J	<5.9	0.63
	11/25/2011	<4	<4	<4	<4	<4	<4	0	<4.8	<4.8	<9.7	3.2 J	<4.8	3.2
	3/28/2012	3.1	2.2	29	8.3	<1	21	63.6	<4.7	<4.7	<9.4	1.1 J	<4.7	1.1
	6/22/2012	1.2	0.82 J	7.2	1	<1	2.8	13.02	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/17/2012	0.55 J	<1	2.1 J	<1	<1	<1	2.65	<4.7	<4.7	<9.4	<4.7	<4.7	0
	12/3/2012	0.5 J	<1	1.7	<1	<1	<1	2.2	<4.8	<4.8	<9.7	<4.8	<4.8	0
	3/27/2013	2.9	1.5	13	1.5	<1	3	21.9	<4.8	<4.8	<9.6	<4.8	<4.8	0
	6/1/2013	3.7	1.5	12	1.3	<1	3.8	22.3	<4.7	<4.7	<9.4	<4.7	<4.7	0.43
	9/5/2013	1	<1	2.9	<1	<1	0.88	4.78	<4.7	<4.7	<9.4	<4.7	<4.7	0
	12/2/2013	<4	<4	3.6	<4	<4	<4	3.6	<5	<5	<10	<5	<5	0
	3/21/2014	<1	<1	<1	<1	<1	1.7	1.7	<5	<5	<10	<5	<5	0
	6/19/2014	16	2.6	18	2.9	<1	4.2	43.7	<1.9	<9.4	<9.4	0.31 J	<1.9	3.46
	9/3/2014	1.8 J	<4	5.1	<4	<4	<4	6.9	<5	<5	<10	<5	<5	0
	11/24/2014	2.2	<1	5.7	<1	<1	1.4	9.3	<4.7	<4.7	<9.5	<4.7	<4.7	4.33
	4/2/2015	2.1 J	<4	<4	<4	<4	<4	2.1	<4.6	<4.6	<9.2	<4.6	<4.6	1.92
	6/17/2015	1.8 J	<4	<4	<4	<4	<4	1.8	<4.7	<4.7	<9.4	<4.7	<4.7	1.73
	9/2/2015	1.9	<1	4	<1	<1	1	6.9	<4.7	<4.7	<9.5	<4.7	<4.7	0
	11/5/2015	<1	<1	0.79 J	<1	<1	<1	0.79	<4.6	<4.6	<9.3	<4.6	<4.6	0
	3/30/2016	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	1.1 J	<4.7	<4.7	1.66
	5/23/2016	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	0.74 J	<4.7	<4.7	0.74
	9/7/2016	<1	<1	<1	<1	<1	<1	0	<4.6	<4.6	<9.3	0.48 J	<4.6	2.47
	11/3/2016	<1	<1	<1	<1	<1	<1	0	<4.6	<4.6	<9.2	<4.6	<4.6	0
MW-C04		No Sample Collected												
	10/10 - 11/10	ORC-A Application												
	3/24/2011	<8	<8	17	29	<8	390	436	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/29/2011	<1	5.7	17	30	<1	390	442.7	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/30/2011	<1	5.7	21	36	<1	500	562.7	<4.8	<4.8	<9.5	<4.8	<4.8	0
	11/25/2011	<4	4.2	16	29	<4	390	439.2	<4.7	<4.7	<9.4	<4.7	<4.7	0
	3/27/2012	2.6 J	4.4	18	29	<1	330	384	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/21/2012	<1	4.6	16	29	<1	310	359.6	1.1 J	<4.7	0.61 J	<4.7	<4.7	1.71
	9/14/2012	<5	<5	9.4	17	<5	370 J	396.4	<4.8	<4.8	<9.6	<4.8	<4.8	0.92
	12/3/2012	<5	<5	15	27	<5	340	382	<4.9	<4.9	<9.8	<4.9	<4.9	2.41
	3/27/2013	<5	5.3	16	27	<5	290	338.3	<5	<5	<10	<5	<5	1.86
	5/31/2013	<5	5.7	16	28	<5	290	343.9	<4.8	<4.8	<9.5	<4.8	<4.8	1.53
	9/5/2013	<5	5.8	17	28	<5	330	380.8	0.72	<4.9	<9.7	<4.9	<4.9	3.03
	12/3/2013	<5	6.9	24	39	<5	360	429.9	<5	<5	<10	<5	<5	1.71
	3/20/2014	<5	5.4	19	30	<5	260	314.4	<5	<5	<10	<5	<5	1.51
	6/19/2014	<4	7.3	23	37	<4	300	369.4	0.48 J	<9.6	<9.6	<1.9	<1.9	0.48
	9/3/2014	<5	4.7 J	16	28	<5	260	308.7	<5	<5	<10	<5	<5	2.2
	11/24/2014	<5	6	22	36	<5	320	384	0.52 J	<5	<10	<5	<5	6.29
	4/2/2015	<5	4.5 J	20	31	<5	230	285.5	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/17/2015	<5	5.2	23	36	<5	280	358.2	<4.7	<4.7	<9.4	<4.7	<4.7	2.26
	9/2/2015	<1	<1	<1	<1	<1	<1	0	<5.2	<5.2	<10	<5.2	<5.2	0
	11/5/2015	<10	5	24	40	<10	370	439	0.72 J	<4.7	<9.4	<4.7	<4.7	8.25
	3/30/2016	<10	<10	21	34	<10	260	315	<4.7	<4.7	0.62 J	<4.7	<4.7	3.86
	5/23/2016	<10	<10	24	38	<10	340	402	<4.8	<4.8	<9.7	<4.8	<4.8	1.82
	9/7/2016	<10	<10	16	26	<10	230	272	<4.6	<4.6	<9.3	<4.6	<4.6	1.32
	11/3/2016	<10	<10	17	29	<10	320	366	<4.6	<4.6	<9.3	<4.6	<4.6	2.21
PS-04A	11/19/2009	<1	<1	<1	<1	<1	0.81 J	0.81	<6.2	<6.2	<12	<6.2	<6.2	0
	10/10 - 11/10	ORC-A Application												
	3/24/2011	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/29/2011	No Sample Collected												
	9/30/2011	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.4	<4.7	<4.7	0
	11/25/2011	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.4	<4.7	<4.7	0
	3/27/2012	<1	<1	<1	<1	<1	<1	0	<26	<26	<52	<26	<26	0
	6/22/2012	2.2	<1	<1	<1	<1	<1	2.2	No Sample Collected					
	9/14/2012	<1	<1	<1	<1	<1	<1	3.2	No Sample Collected					
	12/3/2012	<1	<1	<1	<1	<1	<1	0	<4.9	<4.9	<9.7	<4.9	<4.9	0
	3/27/2013	0.73	<1	<1	<1	<1	<1	0.73	<4.9	<4.9	<9.8	<4.9	<4.9	0
	5/31/2013	<1	<1	<1	<1	<1	1.2	1.2	<5.1	<5.1	<10	<5.1	<5.1	0
	12/2/2013	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0
	3/20/2014	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0
	6/19/2014	<1	<1	<1	<1	<1	<1	0	<1.9	<9.7	<9.7	<1.9	<1.9	0
	11/24/2014	0.74 J	<1	<1	<1	<1	<1	0.74	<4.9	<4.9	<9.7	<4.9	<4.9	3.3
	4/2/2015	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.5	<4.7	<4.7	0
	6/17/2015	0.58 J	<1	<1	<1	<1	<1	0.58	<4.7	<4.7	<9.3	<4.7	<4.7	0.3
	9/2/2015	<1	5.2	23	36	<1	330	399.8	0.7 J	<4.9	<9.8	<4.9	<4.9	4.84
	11/5/2015	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.4	<4.7	<4.7	0
	3/30/2016	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.4	<4.7	<4.7	0
	5/23/2016	<1	<1	<1	<1	<1	<1	0	<4.8	<4.8	<9.5	<4.8	<4.8	0
	11/3/2016	<1	<1	<1	<1	<1	<1	0	<4.6	<4.6	<9.3	<4.6	<4.6	0
	11/17/2009*	<1	5	<1	0.76 J	0.97 J	700	706.73	<4.9	<4.9	<9.8	<4.9	<4.9	0
	10/10 - 11/10	ORC-A Application												
	3/24/2011	No Sample Collected												
	6/29/2011	No Sample Collected												
	9/30/2011	<4	41	<4	<4	<4	1200	1241	<5.3	<5.3	<11	<5.3	<5.3	0
	11/25/2011	<4	11	<4	<4	<4	580	591	<4.7	<4.7	<9.4	<4.7	<4.7	0
	3/27/2012	<1.4	13	<1	0.96 J	9.5	560	583.46	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/21/2012	<5	58	<5	<5	<5	870	928	<4.7	<4.7	<9.4	<4.7	<4.7	0

		1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dicholorbenzene	1,4-Dicholorbenzene	Benzene	Cholorbenzene	Total TCL VOCs	2,4-Dichlorophenol	2,4-Dimethylphenol	Aniline	Benzo(a)pyrene	Phenol	Total TCL SVOCs
Class GA Standard**		5	3	3	3	1	5	-	1	1	5	0	1	-
PS-05A	9/17/2012	<4	<4	<4	<4	23 J	210	233	<9.8	<9.8	<20	<9.8	<9.8	2.3
	12/4/2012	<4	8.1	<4	<4	<4	490	498.1	<4.8	<4.8	<9.7	<4.8	<4.8	3.4
	3/26/2013	<8	<8	<8	<8	<8	330	337.5	<5	<5	<9.9	<5	<5	4.45
	5/31/2013	<8	8	<8	<8	<8	470	484.5	<4.8	<4.8	<9.6	<4.8	<4.8	8.1
	9/5/2013	<4	4.5	<4	<4	<4	310	329.2	<4.9	<4.9	<9.8	<4.9	<4.9	3.6
	12/2/2013	<4	4.1	<4	<4	<4	210	214.1	<5	<5	<10	<5	<5	1.7
	3/20/2014	<4	<4	<4	<4	16	330	346	<5	<5	<10	<5	0.64	3.44
	6/19/2014	<4	7.8	<4	<4	<4	330	337.8	<1.9	<9.5	<9.5	<1.9	<1.9	99.9
	9/3/2014	<4	<4	<4	<4	<4	220	220	<5	<5	<10	<5	0.67 J	55.4
	11/24/2014	<4	4.6	<4	<4	<4	270	274.6	<5	<5	<10	<5	<5	6.1
	4/2/2015	<4	3.6 J	<4	<4	10	320	333.6	<4.8	<4.8	<9.5	<4.8	<4.8	3.6
	6/17/2015	<4	9.6	<4	<4	<4	390	399.6	<4.7	<4.7	<9.4	<4.7	<4.7	2.9
	9/2/2015	<4	<4	<4	<4	<4	170	170	<5	<5	<10	<5	<5	1.7
	11/5/2015	<5	4.3 J	<5	<5	<5	280	284.3	<4.6	<4.6	<9.3	<4.6	<4.6	2.16
	3/30/2016	<5	<5	<5	<5	<5	180	180	<4.7	<4.7	<9.4	<4.7	<4.7	3
	5/23/2016	<5	4.1 J	<5	<5	<5	250	254.1	<5	<5	<10	<5	<5	1.1
	9/7/2016	<2	<2	<2	<2	<2	92 J	102.9	<5	<5	<9.9	<5	<5	0.53
	11/3/2016	<5	3.7	<5	<5	<5	250	277.7	<4.7	<4.7	<9.4	<4.7	<4.7	1.17
PS-06	11/17/2009	<1	<1	<1	<1	0.61 J	<1	0.61	<25	<25	<50	<25	<25	0
	10/10 - 11/10	ORC-A Application												
	3/24/2011	<10	<10	<10	<10	<10	<10	0	<5.2	1.8 J	45	<5.2	1.9 J	48.7
	6/29/2011	<1	<1	<1	<1	2.7	<1	2.7	<4.7	1.3 J	36	<4.7	<4.7	37.3
	9/30/2011	<5	<5	<5	<5	<5	<5	0	<26	<26	8.9 J	<26	<26	8.9
	11/25/2011	<4	<4	<4	<4	<4	<4	0	<4.7	1.3 J	11	<4.7	<4.7	12.3
	3/28/2012	<4	<4	<4	<4	<4	<4	0	<4.7	<4.7	2.9 J	<4.7	<4.7	2.9
	6/21/2012	<4	<4	<4	<4	<4	<4	0	<4.7	0.75 J	3.5 J	<4.7	<4.7	4.25
	9/14/2012	No Sample Collected												
	12/4/2012	<5	<5	<5	<5	<5	<5	0	<4.9	<4.9	<9.7	<4.9	<4.9	0
	3/27/2013	<5	<5	<5	<5	<5	<5	4.6	<25	<25	<49	<25	<25	0
	5/31/2013	<5	<5	<5	<5	<5	<5	3.1	<4.9	<4.9	0.63	<4.9	<4.9	0.98
	9/5/2013	<5	<5	<5	<5	<5	<5	0	<4.8	<4.8	0.74	<4.8	<4.8	0.74
	12/2/2013	<5	<5	<5	<5	<5	<5	0	<5	<5	<10	<5	<5	0.47
	3/21/2014	<5	<5	<5	<5	<5	<5	0	<5	<5	<10	<5	<5	1.3
	6/19/2014	<1	<1	<1	<1	<1	<1	1.2	<1.9	<9.5	<9.5	<1.9	<1.9	1.68
	9/3/2014	<5	<5	<5	<5	<5	<5	0	<5	<5	<10	<5	<5	0
	11/24/2014	<5	<5	<5	<5	<5	<5	0	<4.9	<4.9	<9.7	<4.9	<4.9	3.1
	4/2/2015	<5	<5	<5	<5	<5	<5	0	<4.7	<4.7	0.59 J	<4.7	<4.7	0.59
	6/17/2015	<5	<5	<5	<5	<5	<5	0	<4.7	<4.7	<9.3	<4.7	<4.7	0
	9/1/2015	<5	<5	<5	<5	<5	<5	13	<4.8	<4.8	<9.6	<4.8	<4.8	0
	11/4/2015	<5	<5	<5	<5	<5	<5	0	<23	<23	<47	<23	<23	0
	3/29/2016	<5	<5	<5	<5	<5	<5	2.3	<4.7	<4.7	<9.5	<4.7	<4.7	0.31
	5/23/2016	<1	<1	1.1	<1	<1	1.6	7.9	<5.1	<5.1	0.67 J	<5.1	<5.1	1.53
	9/7/2016	<5	<5	<5	<5	<5	<5	0	<4.9	<4.9	<9.7	<4.9	<4.9	0
	11/3/2016	<5	<5	<5	<5	<5	<5	0	<4.6	<4.6	<9.3	<4.6	<4.6	0

		1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dicholorbenzene	1,4-Dicholorbenzene	Benzene	Cholorbenzene	Total TCL VOCs	2,4-Dichlorophenol	2,4-Dimethylphenol	Aniline	Benzo(a)pyrene	Phenol	Total TCL SVOCs
Class GA Standard**		5	3	3	3	1	5	-	1	1	5	0	1	-
RFI-20A	11/19/2009	130	11	<1	2	7.6	5900	6050.6	<5	<5	<9.9	<5	<5	0
	10/10 - 11/10	ORC-A Application												
	3/24/2011	180	16	<5	<5	120	3000	3316	<24	<24	<47	<24	<24	0
	6/29/2011	130	<50	<50	<50	25 J	5900	6055	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/30/2011	34	3.8	<1	2.3	4.8	1100	1144.9	0.75 J	<5.3	<11	<5.3	<5.3	0.75
	11/25/2011	280	24	<4	<4	4	2100	2408	<4.7	<4.7	<9.4	<4.7	<4.7	0
	3/27/2012	74 J	5	<1	1.8 J	11 J	6600	6691.8	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/21/2012	<80	<80	<80	<80	<80	6700	6700	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/14/2012	270	<100	<100	<100	<100	8700	8727	<4.8	<4.8	<9.6	<4.8	<4.8	8.7
	12/3/2012	<100	<100	<100	<100	<100	4600	4600	<4.9	<4.9	<9.8	<4.9	<4.9	2.1
	3/26/2013	21	2.1	<1.4	1	280	6500	6804.1	<5	<5	<9.9	<5	<5	2.2
	5/31/2013	<100	<100	<100	<100	410	6400	6863	<4.8	<4.8	<9.6	<4.8	0.66	8.16
	9/5/2013	<100	<100	<100	<100	51	6900	6951	<4.8	<4.8	<9.7	<4.8	<4.8	1.3
	12/2/2013	<100	<100	<100	<100	61	8200	8261	<5	<5	<10	<5	<5	0
	3/20/2014	<100	<100	<100	<100	370	9400	9770	<5	<5	<10	<5	0.39	4.99
	6/18/2014	ORC Application												
	6/19/2014	<100	<100	<100	<100	<100	9600	9600	<1.9	<9.6	<9.6	<1.9	<1.9	12
	9/3/2014	7.3	<5	<5	<5	<5	61	68.3	0.86 J	<5	<10	<5	<5	2.96
	11/24/2014	3.4	<1	<1	<1	<1	28	31.4	<5	<5	<10	<5	<5	3.3
	4/2/2015	0.55 J	<1	<1	<1	1	57	62.45	<4.7	<4.7	<9.5	<4.7	<4.7	0
	6/17/2015	<5	<5	<5	<5	<5	41	41	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/1/2015	<5	<5	<5	<5	<5	32	52	<4.7	<4.7	<9.4	<4.7	<4.7	0
	11/4/2015	<1	<1	<1	<1	<1	41	41	<4.7	<4.7	<9.4	<4.7	<4.7	4.7
	3/30/2016	<1	<1	<1	<1	0.43 J	35	35.43	<4.6	<4.6	<9.3	<4.6	<4.6	0
	5/23/2016	<1	<1	<1	<1	<1	24	27	<4.9	<4.9	<9.8	<4.9	<4.9	0
	9/7/2016	2.7	<1	<1	<1	<1	24	29.98	<4.8	<4.8	<9.6	<4.8	<4.8	0
	11/3/2016	<1	<1	<1	<1	<1	7	7	<4.6	<4.6	<9.2	<4.6	<4.6	0
RFI-31A	11/19/2009	1200	8.6 J	1600	110	9.6 J	830	3758.2	7.9	<5.5	<11	<5.5	0.47 J	8.37
	10/10 - 11/10	ORC-A Application												
	3/24/2011	1100	7.1	1000	69	9.5	680	2865.6	3.8 J	<25	<50	<25	<25	3.8
	6/29/2011	330	2	200	15	2.8	180	729.8	0.57 J	<4.8	<9.6	<4.8	<4.8	0.57
	9/30/2011	2000	8.6	340	34	17	1100	3499.6	25 J	<5.4	<11	<5.4	<5.4	25
	11/25/2011	410	<4	180	15	<4	320	925	<4.7	<4.7	<9.4	<4.7	<4.7	0
	3/28/2012	1900	10	960	69	9.7	740	3688.7	0.81	<4.8	2.5 J	<4.8	<4.8	3.31
	6/22/2012	820	4.2	250	22	7.5	470	1573.7	0.87 J	<4.7	2 J	<4.7	<4.7	2.87
	9/17/2012	230	<4	160	11	3 J	180	584	<4.8	<4.8	1.5 J	<4.8	<4.8	6.9
	12/4/2012	250	<4	280	18	<4	120	668	<4.9	<4.9	<9.8	<4.9	<4.9	1.2
	3/27/2013	400	<4	780	22	<4	37	1239	4.5	<4.9	1.4	<4.9	<4.9	8.76
	6/1/2013	400	<10	610	22	<10	200	1239.5	4.1	<4.7	1.4	<4.7	<4.7	7.9
	9/5/2013	610	<10	1300	66	10	610	2596	14	<4.8	1.6	<4.8	<4.8	25.3
	12/3/2013	350	<10	730	32	<10	120	1232	1.3	<5	<10	<5	<5	3.24
	3/21/2014	450	<10	1700	86	6.7	540	2782.7	<5	<5	1.7	<5	0.45	11.2
	6/19/2014	130	<5	390	19	<5	120	664	<2	<9.8	<9.8	<2	<2	0
	9/3/2014	1100	27	<25	<25	<25	97	1224	<5	<5	<10	<5	1.3 J	7.06
	11/24/2014	310	13	5.9	49	2.3 J	65	445.2	1.9 J	<5	<10	<5	<5	8.44
	4/2/2015	84	<25	<25	<25	<25	<25	84	<4.6	<4.6	<9.3	<4.6	<4.6	0
	6/17/2015	670	21 J	<25	24 J	<25	84	799	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/2/2015	420	15	15	18	<10	91	559	0.61 J	<4.8	<9.6	<4.8	<4.8	0.61
	11/5/2015	1000	35	82	43	<20	140	1300	0.92 J	<4.7	<9.4	<4.7	<4.7	2.32
	3/30/2016	100	4.4	120	14	<2	4.5	244.8	1.4 J	<4.7	0.63 J	<4.7	<4.7	2.03
	5/23/2016	260	10	170	20	<5	20	480	0.93 J	<4.7	<9.4	<4.7	<4.7	0.93
	9/7/2016	710	31	550	55	<25	120	1466	2 J	<4.6	0.64 J	<4.6	<4.6	2.64
	11/3/2016	580	34	700	66	<25	150	1530	2.1 J	<4.6	<9.2	<4.6	<4.6	3.17

Notes:

* - Sample collected from well PS-05 which was replaced by PS-05A after it was destroyed.

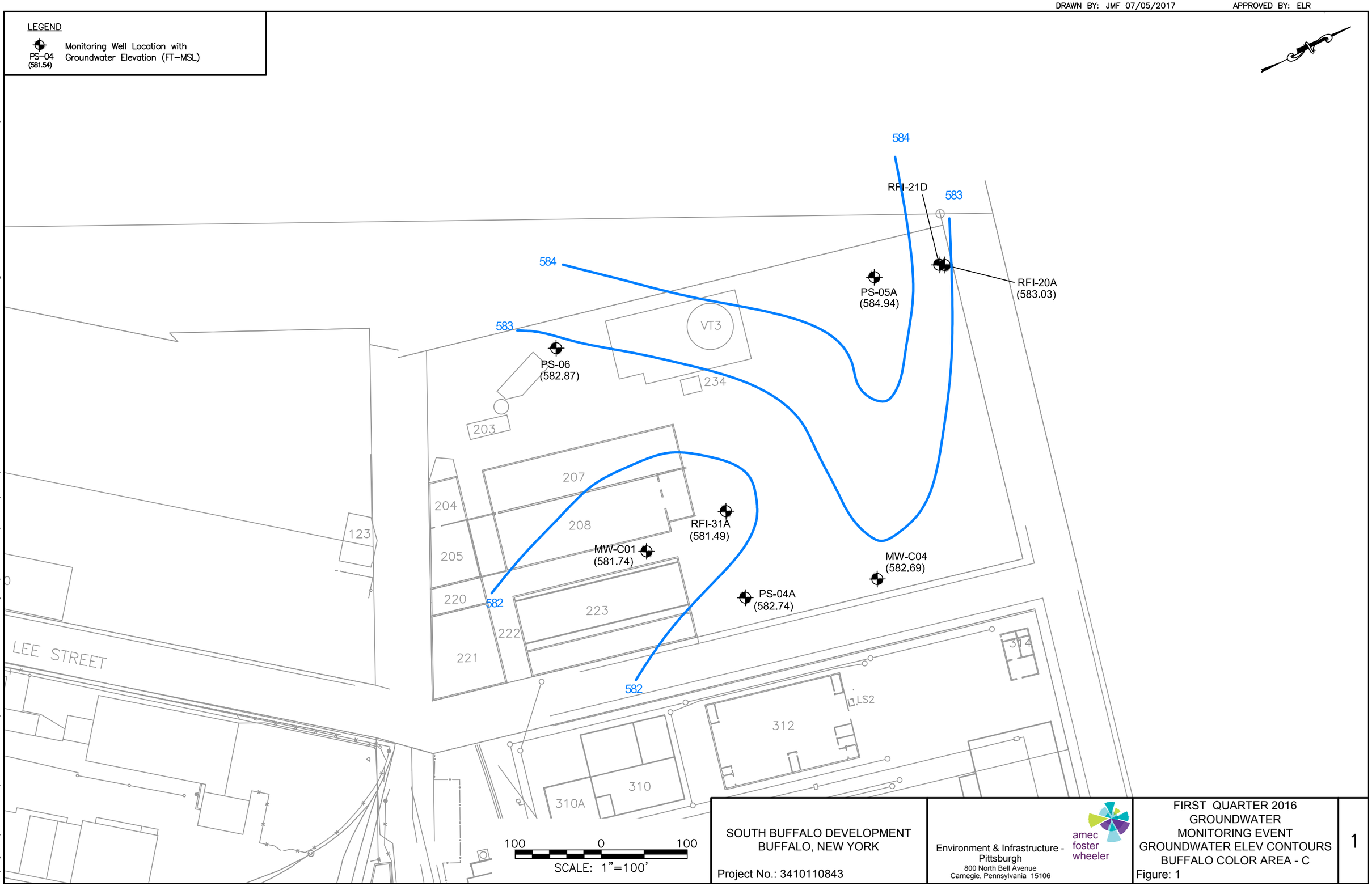
** - Results compared to NYDEC Class GA water quality standards

J - Laboratory Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the

Results are shown in ug/L.

Blue cells indicate groundwater monitoring events completed prior to the remediation activities.

DRAWN BY: JMF 07/05/2017 APPROVED BY: ELR



SOUTH BUFFALO DEVELOPMENT
BUFFALO, NEW YORK

Project No.: 3410110843

Environment & Infrastructure - Pittsburgh
800 North Bell Avenue
Carnegie, Pennsylvania 15106

amec foster wheeler

FIRST QUARTER 2016
GROUNDWATER
MONITORING EVENT
GROUNDWATER ELEV CONTOURS
BUFFALO COLOR AREA - C
Figure: 1

1

Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\Sheets\2016\09 FIGURE 1 – C FIRST QUARTER CONTOUR.dwg Tue, 18 Jul 2017 – 11:51am john.french

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SOUTH BUFFALO DEVELOPMENT
BUFFALO, NEW YORK

Project No.: 3410110843

Environment & Infrastructure - Pittsburgh
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Carnegie, Pennsylvania 15106

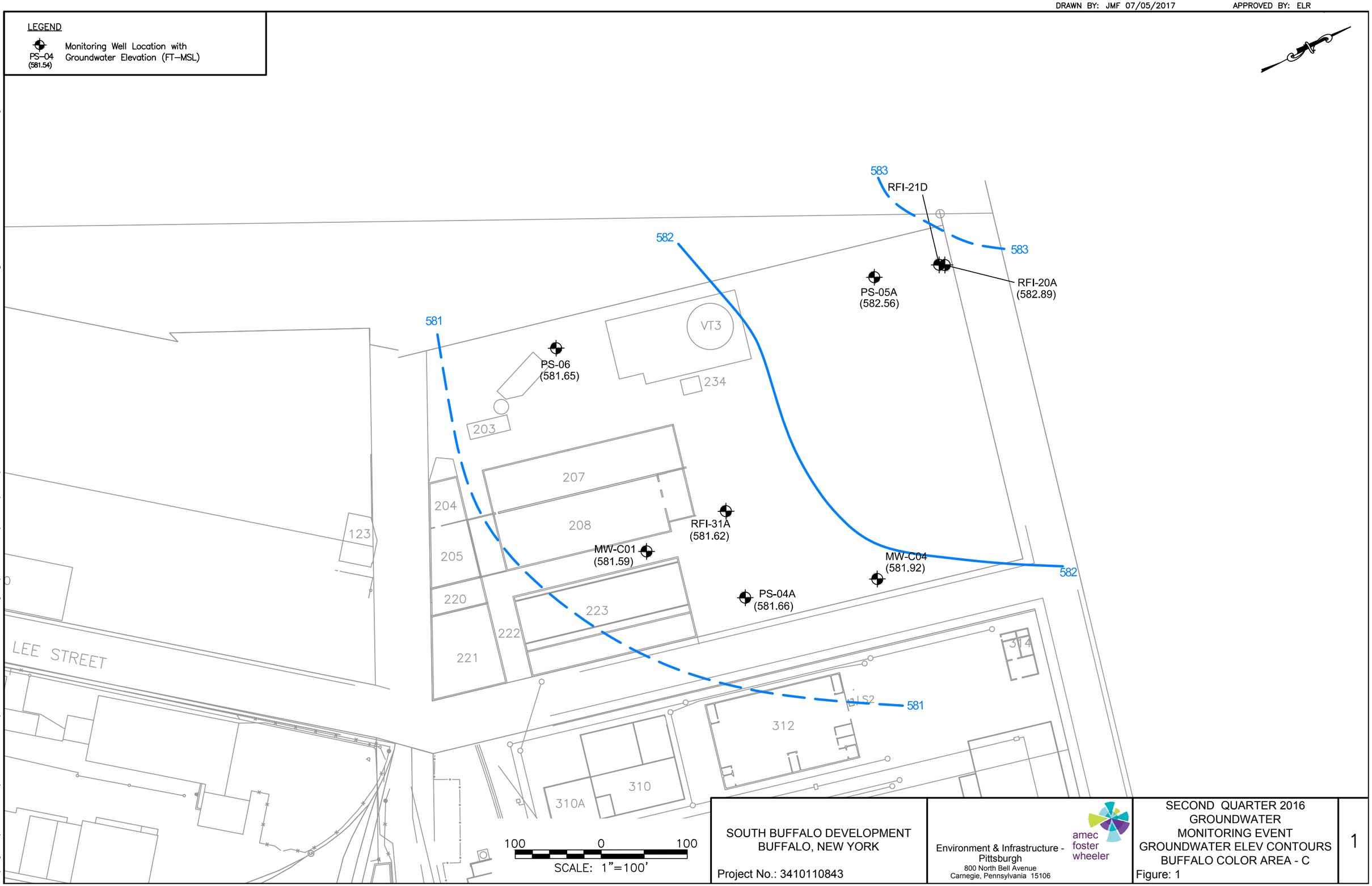
amec foster wheeler

FIRST QUARTER 2016
GROUNDWATER
MONITORING EVENT
TOTAL VOC CONCENTRATIONS
BUFFALO COLOR AREA - C
Figure: 2

2

Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\Sheets\2016\13 FIGURE 2 - C FIRST QUARTER VOC.dwg Tue, 18 Jul 2017 - 11:56am john.french

DRAWN BY: JMF 07/05/2017 APPROVED BY: ELR



Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\Sheets\2016\09 FIGURE 1 – C SECOND QUARTER CONTOUR.dwg Tue, 18 Jul 2017 – 11:52am john.french

SOUTH BUFFALO DEVELOPMENT
BUFFALO, NEW YORK

Project No.: 3410110843

Environment & Infrastructure - Pittsburgh
800 North Bell Avenue
Carnegie, Pennsylvania 15106

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SECOND QUARTER 2016
GROUNDWATER
MONITORING EVENT
GROUNDWATER ELEV CONTOURS
BUFFALO COLOR AREA - C
Figure: 1

1

DRAWN BY: JMF 07/05/2017 APPROVED BY: ELR

LEGEND

PS-04 (0.0) Monitoring Well Location with Total VOC Concentration ug/L

Total VOC Concentrations > 0 to < 10 ug/L (Dashed where inferred)

Total VOC Concentrations > 10 to < 500 ug/L (Dashed where inferred)

Total VOC Concentrations > 500 ug/L (Dashed where inferred)

RFI-21D NOT SAMPLED OR MEASURED AS PART OF OM&M

SOUTH BUFFALO DEVELOPMENT
BUFFALO, NEW YORK

Project No.: 3410110843

Environment & Infrastructure - Pittsburgh
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Carnegie, Pennsylvania 15106

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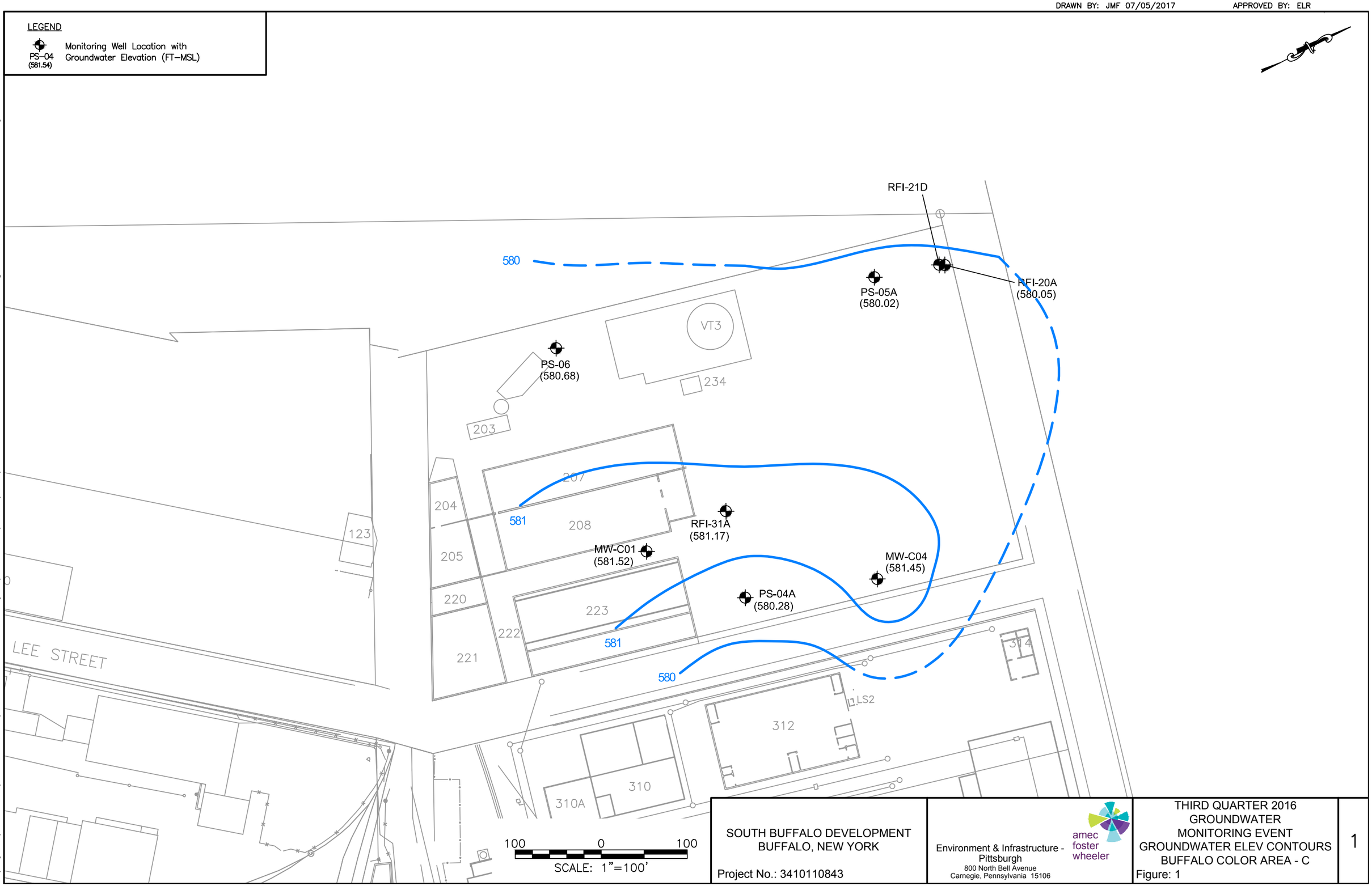
SECOND QUARTER 2016
GROUNDWATER
MONITORING EVENT
TOTAL VOC CONCENTRATIONS
BUFFALO COLOR AREA - C
Figure: 2

2

Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\Sheets\2016\14 FIGURE 2 - C SECOND QUARTER VOC.dwg Tue, 18 Jul 2017 - 11:57am john.french

DRAWN BY: JMF 07/05/2017 APPROVED BY: ELR



SOUTH BUFFALO DEVELOPMENT
BUFFALO, NEW YORK

Project No.: 3410110843

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THIRD QUARTER 2016
GROUNDWATER
MONITORING EVENT
GROUNDWATER ELEV CONTOURS
BUFFALO COLOR AREA - C
Figure: 1

1

Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\Sheets\2016\09 FIGURE 1 - C THIRD QUARTER CONTOUR.dwg Tue, 18 Jul 2017 - 11:53am john.french

DRAWN BY: JMF 07/05/2017 APPROVED BY: ELR

LEGEND

PS-06 (0.0) Monitoring Well Location with Total VOC Concentration ug/L

Total VOC Concentrations > 0 to < 10 ug/L (Dashed where inferred)

Total VOC Concentrations > 10 to < 500 ug/L (Dashed where inferred)

Total VOC Concentrations > 500 ug/L (Dashed where inferred)

NS Not Sampled

RFI-21D NOT SAMPLED OR MEASURED AS PART OF OM&M

SOUTH BUFFALO DEVELOPMENT
BUFFALO, NEW YORK

Project No.: 3410110843

Environment & Infrastructure - Pittsburgh
800 North Bell Avenue
Carnegie, Pennsylvania 15106

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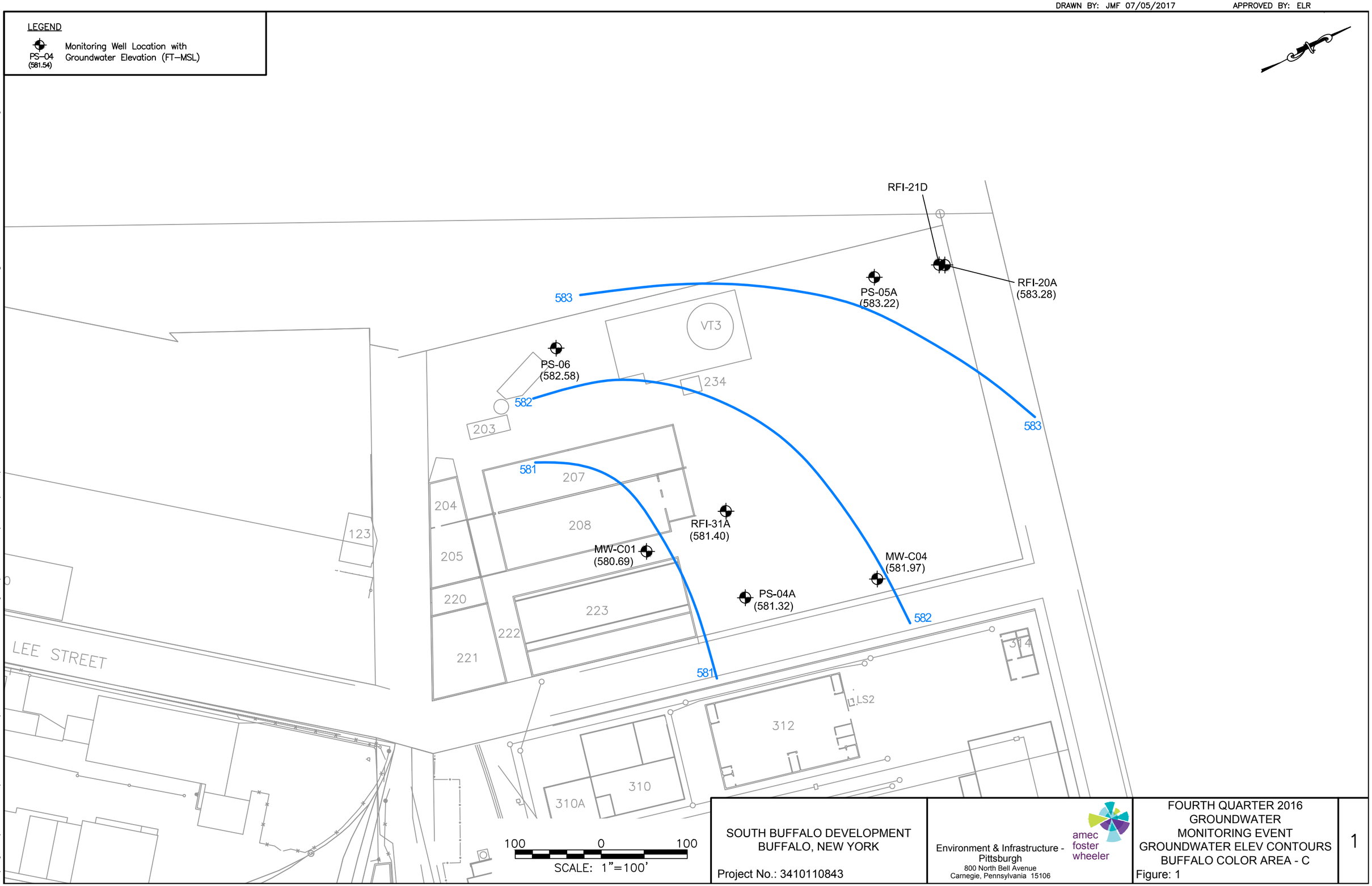
THIRD QUARTER 2016
GROUNDWATER
MONITORING EVENT
TOTAL VOC CONCENTRATIONS
BUFFALO COLOR AREA - C
Figure: 2

2

Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\Sheets\2016\15 FIGURE 2 – C THIRD QUARTER VOC.dwg Tue, 18 Jul 2017 – 11:58am john.french

DRAWN BY: JMF 07/05/2017 APPROVED BY: ELR



SOUTH BUFFALO DEVELOPMENT
BUFFALO, NEW YORK

Project No.: 3410110843

Environment & Infrastructure - Pittsburgh
800 North Bell Avenue
Carnegie, Pennsylvania 15106

amec foster wheeler

FOURTH QUARTER 2016
GROUNDWATER
MONITORING EVENT
GROUNDWATER ELEV CONTOURS
BUFFALO COLOR AREA - C
Figure: 1

1

Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\Sheets\2016\09 FIGURE 1 - C FOURTH QUARTER CONTOUR.dwg Tue, 18 Jul 2017 - 11:54am john.french

DRAWN BY: JMF 07/05/2017 APPROVED BY: ELR

LEGEND

PS-04 (0.7) Monitoring Well Location with Total VOC Concentration ug/L

Total VOC Concentrations > 0 to < 10 ug/L (Dashed where inferred)

Total VOC Concentrations > 10 to < 500 ug/L (Dashed where inferred)

Total VOC Concentrations > 500 ug/L (Dashed where inferred)

NS Not Sampled

RFI-21D NOT SAMPLED OR MEASURED AS PART OF OM&M

SOUTH BUFFALO DEVELOPMENT
BUFFALO, NEW YORK

Project No.: 3410110843

Environment & Infrastructure - Pittsburgh
800 North Bell Avenue
Carnegie, Pennsylvania 15106

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FOURTH QUARTER 2016
GROUNDWATER
MONITORING EVENT
TOTAL VOC CONCENTRATIONS
BUFFALO COLOR AREA - C
Figure: 2

2

Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\Sheets\2016\16 FIGURE 2 – C FOURTH QUARTER VOC.dwg Tue, 18 Jul 2017 – 12:00pm john.french

ATTACHMENT D

DATA USABILITY SUMMARY REPORTS

DATA VALIDATION SUMMARY REPORT
AREA C 2016 GROUNDWATER SAMPLING

HONEYWELL BUFFALO COLOR AREA C
BUFFALO, NEW YORK

Prepared for

Honeywell

115 Tabor Road
Morris Plains, New Jersey 07950

Prepared by

amec foster wheeler

Amec Foster Wheeler Environment & Infrastructure, Inc.
200 American Metro Boulevard, Suite 113
Hamilton, New Jersey 08619

February 2017

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Table 2 Project Precision and Accuracy Goals
Table 3 Validation Actions Summary
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1.0 INTRODUCTION

Data validation was completed on groundwater samples collected in quarterly sampling events in March, May, September and November 2016. Samples were analyzed by TestAmerica Laboratories in Buffalo, New York (TAL-Buffalo) and results were reported in data packages 480-97313-1, 480-100698-1, 480-105539-1 and 480-109026-1. A summary of laboratory data packages and samples is presented in Table 1. The following U.S. Environmental Protection Agency (USEPA, 1996) analytical methods were performed:

- Volatile organic compounds (VOCs) by USEPA Method SW846 8260C
- Semivolatile organic compounds (SVOCs) by USEPA Method SW846 8270D
- Metals by USEPA Method SW846 6010C/7470A

Data validation was completed using Level II procedures described for Honeywell projects. During the Level II data validation the following data quality indicators are reviewed.

- Lab Report Narrative
- Chain of Custody
- Sample Collection and Holding Times
- Quality Control (QC) Blanks
- Laboratory Control Samples (LCS)/Lab Control Sample Duplicate (LCSD)
- Matrix Spike/Matrix Spike Duplicates (MS/MSD)
- Laboratory and Field Duplicates
- Surrogate Spikes
- Reporting Limits
- Data Completeness
- Electronic Data Verification

Data qualification was completed using general procedures in USEPA validation guidelines (USEPA, 2004; USEPA, 2008a; USEPA, 2008b). Project specific QC limits were used when assessing precision and accuracy (Table 2) as described in the Quality Assurance Project Plan (QAPP) (MACTEC, 2006).

A Honeywell Level II data validation was completed on the entire data set and data validation findings from the Level II validation are reported in Section 2. Data QC reviews are completed using laboratory QC summary forms and the Locus Technology Environmental Information Management (EIM) system. The EIM system has a computerized data validation module that performs data validation for QC checks specified

for Level II validation. Sample results and associated QC data are compared to project specific QC limits that are set up by the project chemist prior to running the validation module. The EIM assigns validation reason codes to all results that are associated with QC measurements outside project QC goals, and the validation module applies data validation qualifiers to the final results. The data qualification actions are reviewed by the project chemist prior to accepting the final data.

Data quality control reviews are completed using laboratory QC summary forms. Data qualifications are completed if necessary in accordance with the guidelines using the following qualifiers:

U = The target compound was not detected at a concentration greater than, or equal to, the quantitation limit.
J = The reported concentration is considered an estimated value.
UJ = The target compound was not detected and the reporting limit is considered to be estimated.
R= The result is rejected and is considered to be unusable

The Level II validation qualification actions for this data set and associated validation reason codes are presented on Table 3. The following data validation reason codes were applied to one or more sample results:

BL1 = Result qualified due to laboratory blank
HS= Head space in sample vials
LCSL=LCS recovery less than the lower limit
MSL=Matrix spike recovery less than the lower limit
MSDL=Matrix spike duplicate recovery less than the lower limit

Sample results that are not included on Table 3 were interpreted to be usable as reported by the laboratory. A complete summary of final groundwater sample results is provided on Table 4.

2.0 DATA VALIDATION ACTIONS AND OBSERVATIONS

Quality control (QC) parameters and measurements checked during validation met requirements in the analytical method and/or validation guidelines and QAPP. Unless specified below, results are interpreted to be usable as reported by the laboratory

2.1 VOLATILE ORGANIC COMPOUNDS

The data were evaluated based on the following parameters:

- Collection and Preservation
- * Holding Times
- * Data completeness
- * Blanks
- LCS/LCSD
- * MS/MSD
- * Field Duplicates
- * Surrogate Spikes
- Reporting Limits
- * Data Completeness
- * Electronic Data Verification

* - Criteria were met for this parameter.

2.1.1 March Event

LCS

The LCS percent recoveries were less than the QC limit of 70 percent for 1,1,2-trichloro-1,2,2-trifluoroethane (65), 1,1-dichloroethene (69), carbon disulfide (69) and cyclohexane (62) in SDG 480-97313-1, which may indicate low bias. The results for these compounds in associated samples were non-detect and qualified as estimated (UJ) with reason code LCSL. A summary of qualified sample results is presented in Table 3.

Reporting Limits

The sample from locations RFI-31, MW-C04, PS-05A, PS-06 and PS-06D were analyzed at a dilution. Reporting limits for target compounds in the following samples are elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC Area C RFI-31 0316	480-97313-2	SW8260	2
BCC Area C MW-C04 0316	480-97313-4	SW8260	10
BCC Area C PS-05A 0316	480-97313-6	SW8260	5
BCC Area C PS-06 0316	480-97313-7	SW8260	5
BCC Area C PS-06 D 0316	480-97313-8	SW8260	4

2.1.2 May Event

LCS

The LCS percent recoveries were less than the QC limit of 70 percent for 1,1,2-trichloro-1,2,2-trifluoroethane (68) and cyclohexane (66) in SDG 480-100698-1, which may indicate low bias. The results for these compounds in associated samples were non-detect and qualified as estimated (UJ) with reason code LCSL. A summary of qualified sample results is presented in Table 3.

Reporting Limits

The sample from locations RFI-31, MW-C04 and PS-05A were analyzed at a dilution. Reporting limits for target compounds in the following samples are elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC Area C RFI-31_0616	480-100698-2	SW8260	5
BCC Area C MW-C04_0616	480-100698-4	SW8260	10
BCC Area C PS-05A_0616	480-100698-6	SW8260	5

2.1.3 September Event

Collection and Preservation

Sample BCC Area C PS-05A_0916 was analyzed from sample vials containing significant headspace. The VOC results of sample BCC Area C PS-05A_0916 was qualified as estimated as (J/UJ) and flagged with reason code “HS”.

Reporting Limits

The sample from locations RFI-31, MW-C04, PS-05A and PS-06 were analyzed at a dilution. Reporting limits for target compounds in the following samples are elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC Area C RFI-31_0916	480-105539-2	SW8260	25
BCC Area C MW-C04_0916	480-105539-3	SW8260	10
BCC Area C PS-05A_0916	480-105539-5	SW8260	2
BCC Area C PS-06_0916	480-105539-6	SW8260	5

2.1.4 November Event

LCS

The LCS percent recovery were less than the QC limit of 70 percent for dichlorodifluoromethane (64) in SDG 480-109026-1, which may indicate low bias. The result for dichlorodifluoromethane in associated sample was non-detect and qualified as estimated (UJ) with reason code LCSL. A summary of qualified sample results is presented in Table 3.

Reporting Limits

The sample from locations RFI-31, MW-C04, PS-05A and PS-06 were analyzed at a dilution. Reporting limits for target compounds in the following samples are elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC Area C RFI-31_1116	480-109026-2	SW8260	25
BCC Area C MW-C04_1116	480-109026-4	SW8260	10
BCC Area C PS-05A_1116	480-109026-6	SW8260	5
BCC Area C PS-06_1116	480-109026-7	SW8260	5

2.2 SEMIVOLATILE ORGANIC COMPOUNDS

The data were evaluated based on the following parameters:

* Collection and Preservation
* Holding Times
* Blanks
  LCS
  MS/MSD
* Field Duplicates
* Surrogate Spikes
* Reporting Limits
* Data Completeness

* Electronic Data Verification

* - Criteria were met for this parameter.

2.2.1 March Event

LCS

The LCS percent recoveries were less than the QC limit of 50 percent for benzaldehyde (45) and caprolactam (42) in SDG 480-97313-1, which may indicate low bias. Results for benzaldehyde and caprolactam in associated samples were qualified as estimated (J/UJ) with reason code LCSL. A summary of qualified sample results is presented in Table 3.

MS/MSD

MS/MSD analysis was completed using sample BCC Area C PS-06 0316. The MS and MSD percent recoveries for 3,3'-dichlorobenzidine (15/14), benzaldehyde (42/40) and caprolactam (43/40) were less than the QC limit of 50, which indicate low bias. Results of these compounds in samples BCC Area C PS-06 0316 and BCC Area C PS-06 D 0316 were qualified as estimated (J/UJ) with reason code MSL and MSDL.

2.2.2 May Event

LCS

The LCS percent recoveries were less than the QC limit of 50 percent for aniline (46) and caprolactam (38) in SDG 480-100698-1, which may indicate low bias. Results for aniline and caprolactam in associated samples were qualified as estimated (J/UJ) with reason code LCSL. A summary of qualified sample results is presented in Table 3.

MS/MSD

MS/MSD analysis was completed using sample BCC Area C MW-C01_0616. The MS and MSD percent recoveries for caprolactam (34/36) were less than the QC limit of 50, which indicate low bias. Results of caprolactam in samples BCC Area C MW-C01_0616 and BCC Area C_MW-C01 D_0616 were non-detect and qualified as estimated (UJ) with reason code MSL and MSDL.

2.2.2 September Event

LCS

The LCS percent recoveries were less than the QC limit of 50 percent for aniline (47), benzaldehyde (41) and caprolactam (35) in SDG 480-105539-1, which may indicate low

bias. Results for this compounds in associated samples were qualified as estimated (J/UJ) with reason code LCSL. A summary of qualified sample results is presented in Table 3.

MS/MSD

MS/MSD analysis was completed using sample BCC Area C RFI-20_0916. The MS and MSD percent recoveries for aniline (47/35), benzaldehyde (36/26), caprolactam (32/25) and MSD percent recovery for bis (2-chloroisopropyl) ether (47) were less than the QC limit of 50, which indicate low bias. Results of this compounds in samples BCC Area C RFI-20_0916 and BCC Area C RFI-20 D_0916 were non-detect and qualified as estimated (UJ) with reason code MSL and/or MSDL.

2.1.4 November Event

LCS

The LCS percent recoveries were less than the QC limit of 50 percent for aniline (49) and caprolactam (40) in batch 32983 in SDG 480-109026-1, which may indicate low bias. Results for aniline and caprolactam compounds in associated samples were non-detect and qualified as estimated (UJ) with reason code LCSL. A summary of qualified sample results is presented in Table 3.

The LCS percent recovery was less than the QC limit of 50 percent for benzaldehyde (44) in batch 331072 in SDG 480-109026-1, which may indicate low bias. Result for benzaldehyde in associated sample BCC Area C RFI-31_1116 was non-detect and qualified as estimated (UJ) with reason code LCSL. A summary of qualified sample results is presented in Table 3.

MS/MSD

MS/MSD analysis was completed using sample BCC Area C PS-05A_1116. The MS and /or MSD percent recoveries for aniline (45/44), benzaldehyde (46/46), benzo(g,h,i)perylene (47/50), benzo(k)fluoranthene (48/51), bis(2-ethylhexyl) phthalate (43/48), caprlocatam (35/38), dibenz(a,h)anthracene (42/44), di-n-octyl phthalate (39/45) and indeno(1,2,3-cd)pyrene (45/49) were less than the QC limit of 50, which indicate low bias. Results of these compounds in samples BCC Area C PS-05A_1116 and BCC Area C PS-05A D_1116 were non-detect and qualified as estimated (UJ) with reason code MSL and/or MSDL.

2.3 METALS

The data were evaluated based on the following parameters:

* Collection and Preservation

* Holding Times
  Blanks
* LCS
  MS/MSD
* Field Duplicates
* Reporting Limits
* Data Completeness
* Electronic Data Verification

* - all criteria were met for this parameter.

2.3.1 March Event

No QC issues were identified.

2.3.2 May Event

Blanks

Zinc (0.00164 mg/L) was detected below the reporting limit in method blank batch 303890. An action limit was established at five times the reported blank concentration. Zinc results in associated samples were less than action limit and qualified as non-detect (U) at the reporting limit with reason code BL1.

2.3.3 September Event

MS/MSD

MS/MSD analysis was completed using sample BCC Area C RFI-20_0916. The MSD percent recovery for manganese (73) was less than the QC limit of 75, which indicate low bias. Results of manganese in samples BCC Area C RFI-20_0916 and BCC Area C RFI-20 D_0916 were qualified as estimated (J) with reason code MSDL.

2.3.4 November Event

No QC issues were identified

3.0 REFERENCES

MACTEC, 2006. “Buffalo Color Quality Assurance Project Plan”; Appendix D – Quality Assurance/Quality Control, 2006.

U.S. Environmental Protection Agency (USEPA), 1996. "Test Methods for Evaluating Solid Waste"; Laboratory Manual Physical/Chemical Methods; Office of Solid Waste and Emergency Response; Washington, DC; SW-846; November 1986; Revision 4 - December 1996.

USEPA, 2004. "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review"; Office of Superfund Remediation and Technology Innovation; EPA-540-R-04-004; October 2004.

U.S. Environmental Protection Agency (USEPA) Region II, 2008a. “Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B”; SOP No. HW-24, Revision 2; August 2008.

U.S. Environmental Protection Agency (USEPA) Region II, 2008b. “Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270D”; SOP No. HW-22, Revision 4; August 2008.

4.0 LIST OF ACRONYMS AND ABBREVIATIONS

EIM	Environmental Information Management
LCSD	Laboratory Control Sample Duplicate
LCS	Laboratory Control Samples
MS/MSD	Matrix Spike/Matrix Spike Duplicates
QAPP	Quality
QC	Quality Control
SVOC	Semivolatile Organic Compound
TAL	TestAmerica Laboratories
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound

Data Validator: Sandhyasree

January 25, 2017

Senior Chemist: Chris Ricardi, NRCC-EAC

January 31, 2017

TABLES

TABLE 1
SAMPLE AND ANALYTICAL SUMMARY
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

				Purpose	VOCs	SVOCs	TAL Metals		Mercury	
				Method	SW8260C	SW8270D	SW6010C		SW7470A	
SDG	Field Sample ID	ID	Type	Date			Total	Dissolved	Total	Dissolved
480-97313-1	BCC Area C MW-C01 0316	MW-C01	REG	3/30/2016	48	66	22		1	
480-97313-1	BCC Area C MW-C04 0316	MW-C04	REG	3/30/2016	48	66	22		1	
480-97313-1	BCC Area C MW-C04F 0316	MW-C04	REG	3/30/2016				22		1
480-97313-1	BCC Area C PS-04 0316	PS-04	REG	3/30/2016	48	66	22		1	
480-97313-1	BCC Area C PS-05A 0316	PS-05-A	REG	3/30/2016	48	66	22		1	
480-97313-1	BCC Area C PS-06 0316	PS-06	REG	3/29/2016	48	66	22		1	
480-97313-1	BCC Area C PS-06 D 0316	PS-06	FD	3/29/2016	48	66	22		1	
480-97313-1	BCC Area C RFI-20 0316	RFI-20	REG	3/30/2016	48	66	22		1	
480-97313-1	BCC Area C RFI-31 0316	RFI-31	REG	3/30/2016	48	66	22		1	
480-97313-1	TRIP BLANK_032916	QC	TB	3/29/2016	48					
480-100698-1	BCC Area C MW-C01_0616	MW-C01	REG	5/23/2016	48	66	22		1	
480-100698-1	BCC Area C_MW-C01 D_0616	MW-C01	FD	5/23/2016	48	66	22		1	
480-100698-1	BCC Area C MW-C04_0616	MW-C04	REG	5/23/2016	48	66	22		1	
480-100698-1	BCC Area C PS-04_0616	PS-04	REG	5/23/2016	48	66	22		1	
480-100698-1	BCC Area C PS-05A_0616	PS-05A	REG	5/23/2016	48	66	22		1	
480-100698-1	BCC Area C PS-06_0616	PS-06	REG	5/23/2016	48	66	22		1	
480-100698-1	BCC Area C RFI-20_0616	RFI-20	REG	5/23/2016	48	66	22		1	
480-100698-1	BCC Area C RFI-31_0616	RFI-31	REG	5/23/2016	48	66	22		1	
480-100698-1	TRIP BLANK_052316	QC	TB	5/23/2016	48					
480-105539-1	BCC Area C MW-C01_0916	MW-C01	REG	9/7/2016	48	66	22		1	
480-105539-1	BCC Area C MW-C04_0916	MW-C04	REG	9/7/2016	48	66	22		1	
480-105539-1	BCC Area C PS-05A_0916	PS-05-A	REG	9/7/2016	48	66	22		1	
480-105539-1	BCC Area C PS-06_0916	PS-06	REG	9/7/2016	48	66	22		1	
480-105539-1	BCC Area C RFI-20_0916	RFI-20	REG	9/7/2016	48	66	22		1	
480-105539-1	BCC Area C RFI-20 D_0916	RFI-20	FD	9/7/2016	48	66	22		1	
480-105539-1	BCC Area C RFI-31_0916	RFI-31	REG	9/7/2016	48	66	22		1	
480-105539-1	TRIP BLANK_090716	QC	TB	9/7/2016	48					

Prepared by: Sandhyasree 01/09/2017
Checked by: Suresh 01/09/2017

TABLE 1
SAMPLE AND ANALYTICAL SUMMARY
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

				Purpose	VOCs	SVOCs	TAL Metals		Mercury	
				Method	SW8260C	SW8270D	SW6010C		SW7470A	
SDG	Field Sample ID	ID	Type	Date			Total	Dissolved	Total	Dissolved
480-109026-1	BCC Area C MW-C01_1116	MW-C01	REG	11/3/2016	48	66	22		1	
480-109026-1	BCC Area C MW-C04_1116	MW-C04	REG	11/3/2016	48	66	22		1	
480-109026-1	BCC Area C PS-04_1116	PS-04	REG	11/3/2016	48	66	22		1	
480-109026-1	BCC Area C PS-05A_1116	PS-05A	REG	11/3/2016	48	66	22		1	
480-109026-1	BCC Area C PS-05A D_1116	PS-05A	FD	11/3/2016	48	66	22		1	
480-109026-1	BCC Area C PS-06_1116	PS-06	REG	11/3/2016	48	66	22		1	
480-109026-1	BCC Area C RFI-20_1116	RFI-20	REG	11/3/2016	48	66	22		1	
480-109026-1	BCC Area C RFI-31_1116	RFI-31	REG	11/3/2016	48	66	22		1	
480-109026-1	TRIP BLANK_110316	QC	TB	11/3/2016	48					

Notes
FD: Field duplicate
TB: Trip Blank
REG: Regular Sample

Prepared by: Sandhyasree 01/09/2017
Checked by: Suresh 01/09/2017

TABLE 2
PROJECT PRECISION AND ACCURACY GOALS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

PARAMETER	QC TEST	ANALYTE	WATER (%R)	Water (RPD)
Volatiles	Surrogate	All Surrogate Compounds	80 - 120	
	LCS	All Target Compounds	70 - 130	
	MS/MSD	All Target Compounds	70 - 130	20
	Field Duplicate	All Target Compounds		50
Semivolatiles	Surrogate	All BN Compounds	50 - 140	
		All Acid Compounds	30 - 140	
	LCS	All BN Compounds	50 - 140	
		All Acid Compounds	30 - 140	
	MS/MSD	All BN Compounds	50 - 140	20
		All Acid Compounds	30 - 140	20
	Field Duplicate	All Target Compounds		50
Inorganics-Metals	LCS	All Target Analytes	80 - 120	
	MS/MSD	All Target Analytes	75 -125	
	Lab Duplicate	All Target Analytes		50
	Field Duplicate	All Target Analytes		50

Notes:
LCS - Laboratory Control Sample
MS/MSD - Matrix spike/ Matrix Spike Duplicate
RPD = Relative percent difference
%R = percent recovery
QC Limits are based on USEPA Region II Data Validation Guidelines and Project Objectives

TABLE 3
VALIDATON ACTIONS SUMMARY
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area C RFI-31 0316	REG	480-97313-1	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	UJ	LCSL	µg/L
BCC Area C RFI-31 0316	REG	480-97313-1	SW8260	1,1-Dichloroethene	2.0	U	UJ	LCSL	µg/L
BCC Area C MW-C01 0316	REG	480-97313-1	SW8270	Benzaldehyde	4.7	U	UJ	LCSL	µg/L
BCC Area C RFI-31 0316	REG	480-97313-1	SW8270	Benzaldehyde	4.7	U	UJ	LCSL	µg/L
BCC Area C PS-04 0316	REG	480-97313-1	SW8270	Benzaldehyde	4.7	U	UJ	LCSL	µg/L
BCC Area C MW-C04 0316	REG	480-97313-1	SW8270	Benzaldehyde	4.7	U	UJ	LCSL	µg/L
BCC Area C RFI-20 0316	REG	480-97313-1	SW8270	Benzaldehyde	4.6	U	UJ	LCSL	µg/L
BCC Area C PS-05A 0316	REG	480-97313-1	SW8270	Benzaldehyde	4.7	U	UJ	LCSL	µg/L
BCC Area C MW-C01 0316	REG	480-97313-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area C RFI-31 0316	REG	480-97313-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area C PS-04 0316	REG	480-97313-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area C MW-C04 0316	REG	480-97313-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area C RFI-20 0316	REG	480-97313-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area C PS-05A 0316	REG	480-97313-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area C RFI-31 0316	REG	480-97313-1	SW8260	Carbon disulfide	2.0	U	UJ	LCSL	µg/L
BCC Area C RFI-31 0316	REG	480-97313-1	SW8260	Cyclohexane	2.0	U	UJ	LCSL	µg/L
BCC Area C PS-06 0316	REG	480-97313-1	SW8270	Benzaldehyde	0.29	J	J	LCSL,MSL,MSDL	µg/L
BCC Area C PS-06 D 0316	FD	480-97313-1	SW8270	Benzaldehyde	0.31	J	J	LCSL,MSL,MSDL	µg/L
BCC Area C PS-06 0316	REG	480-97313-1	SW8270	Caprolactam	4.7	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C PS-06 D 0316	FD	480-97313-1	SW8270	Caprolactam	4.7	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C PS-06 0316	REG	480-97313-1	SW8270	3,3'-Dichlorobenzidine	4.7	U,F1	UJ	MSL,MSDL	µg/L
BCC Area C PS-06 D 0316	FD	480-97313-1	SW8270	3,3'-Dichlorobenzidine	4.7	U	UJ	MSL,MSDL	µg/L
BCC Area C RFI-31_0616	REG	480-100698-1	SW6010	Zinc	0.01	J,B	U	BL1	mg/L
BCC Area C PS-06_0616	REG	480-100698-1	SW6010	Zinc	0.01	J,B	U	BL1	mg/L
BCC Area C PS-04_0616	REG	480-100698-1	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	UJ	LCSL	µg/L
BCC Area C PS-04_0616	REG	480-100698-1	SW8260	Cyclohexane	1.0	U	UJ	LCSL	µg/L
BCC Area C RFI-20_0616	REG	480-100698-1	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	UJ	LCSL	µg/L
BCC Area C RFI-20_0616	REG	480-100698-1	SW8260	Cyclohexane	1.0	U	UJ	LCSL	µg/L
BCC Area C PS-05A_0616	REG	480-100698-1	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	UJ	LCSL	µg/L
BCC Area C PS-05A_0616	REG	480-100698-1	SW8260	Cyclohexane	5.0	U	UJ	LCSL	µg/L
BCC Area C MW-C01_0616	REG	480-100698-1	SW8270	Aniline	0.67	J	J	LCSL	µg/L
BCC Area C RFI-31_0616	REG	480-100698-1	SW8270	Aniline	9.4	U	UJ	LCSL	µg/L
BCC Area C RFI-31_0616	REG	480-100698-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area C PS-04_0616	REG	480-100698-1	SW8270	Aniline	9.5	U	UJ	LCSL	µg/L
BCC Area C PS-04_0616	REG	480-100698-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L

Prepared by:Sandhyasree 01/09/2017
Checked by: Suresh 01/09/2017

TABLE 3
VALIDATON ACTIONS SUMMARY
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area C MW-C04_0616	REG	480-100698-1	SW8270	Aniline	9.7	U	UJ	LCSL	µg/L
BCC Area C MW-C04_0616	REG	480-100698-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BCC Area C RFI-20_0616	REG	480-100698-1	SW8270	Aniline	9.8	U	UJ	LCSL	µg/L
BCC Area C RFI-20_0616	REG	480-100698-1	SW8270	Caprolactam	4.9	U	UJ	LCSL	µg/L
BCC Area C PS-05A_0616	REG	480-100698-1	SW8270	Aniline	10	U	UJ	LCSL	µg/L
BCC Area C PS-05A_0616	REG	480-100698-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C PS-06_0616	REG	480-100698-1	SW8270	Aniline	0.67	J	J	LCSL	µg/L
BCC Area C PS-06_0616	REG	480-100698-1	SW8270	Caprolactam	5.1	U	UJ	LCSL	µg/L
BCC Area C_MW-C01 D_0616	FD	480-100698-1	SW8270	Aniline	0.74	J	J	LCSL	µg/L
BCC Area C MW-C01_0616	REG	480-100698-1	SW8270	Caprolactam	4.7	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C_MW-C01 D_0616	FD	480-100698-1	SW8270	Caprolactam	4.7	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	1,1,1-Trichloroethane	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	1,1,2,2-Tetrachloroethane	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	1,1,2-Trichloroethane	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	1,1-Dichloroethane	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	1,1-Dichloroethene	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	1,2,4-Trichlorobenzene	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	1,2-Dibromo-3-Chloropropane	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	1,2-Dibromoethane	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	1,2-Dichlorobenzene	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	1,2-Dichloroethane	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	1,2-Dichloropropane	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	1,3-Dichlorobenzene	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	1,4-Dichlorobenzene	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	2-Butanone (MEK)	20	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	2-Hexanone	10	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	4-Methyl-2-pentanone (MIBK)	10	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Acetone	7.6	J	J	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Benzene	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Bromodichloromethane	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Bromoform	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Bromomethane	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Carbon disulfide	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Carbon tetrachloride	2.0	U	UJ	HS	µg/L

Prepared by:Sandhyasree 01/09/2017
Checked by: Suresh 01/09/2017

TABLE 3
VALIDATON ACTIONS SUMMARY
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Chlorobenzene	92		J	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Chloroethane	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Chloroform	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Chloromethane	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	cis-1,2-Dichloroethene	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	cis-1,3-Dichloropropene	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Cyclohexane	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Dibromochloromethane	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Dichlorodifluoromethane	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Ethylbenzene	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Isopropylbenzene	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Methyl acetate	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Methyl tert-butyl ether	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Methylcyclohexane	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Methylene Chloride	3.3		J	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Styrene	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Tetrachloroethene	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Toluene	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	trans-1,2-Dichloroethene	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	trans-1,3-Dichloropropene	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Trichloroethene	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Trichlorofluoromethane	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Vinyl chloride	2.0	U	UJ	HS	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8260	Xylenes, Total	4.0	U	UJ	HS	µg/L
BCC Area C MW-C01_0916	REG	480-105539-1	SW8270	Aniline	9.3	U	UJ	LCSL	µg/L
BCC Area C MW-C01_0916	REG	480-105539-1	SW8270	Benzaldehyde	4.6	U	UJ	LCSL	µg/L
BCC Area C MW-C01_0916	REG	480-105539-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area C RFI-31_0916	REG	480-105539-1	SW8270	Aniline	0.64	J	J	LCSL	µg/L
BCC Area C RFI-31_0916	REG	480-105539-1	SW8270	Benzaldehyde	4.6	U	UJ	LCSL	µg/L
BCC Area C RFI-31_0916	REG	480-105539-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area C MW-C04_0916	REG	480-105539-1	SW8270	Aniline	9.3	U	UJ	LCSL	µg/L
BCC Area C MW-C04_0916	REG	480-105539-1	SW8270	Benzaldehyde	4.6	U	UJ	LCSL	µg/L
BCC Area C MW-C04_0916	REG	480-105539-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8270	Aniline	9.9	U	UJ	LCSL	µg/L
BCC Area C PS-05A_0916	REG	480-105539-1	SW8270	Benzaldehyde	5.0	U	UJ	LCSL	µg/L

Prepared by:Sandhyasree 01/09/2017
Checked by: Suresh 01/09/2017

TABLE 3
VALIDATON ACTIONS SUMMARY
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area C PS-05A_0916	REG	480-105539-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C PS-06_0916	REG	480-105539-1	SW8270	Aniline	9.7	U	UJ	LCSL	µg/L
BCC Area C PS-06_0916	REG	480-105539-1	SW8270	Benzaldehyde	4.9	U	UJ	LCSL	µg/L
BCC Area C PS-06_0916	REG	480-105539-1	SW8270	Caprolactam	4.9	U	UJ	LCSL	µg/L
BCC Area C RFI-20_0916	REG	480-105539-1	SW8270	Aniline	9.6	U,F1	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C RFI-20_0916	REG	480-105539-1	SW8270	Benzaldehyde	4.8	U,F1,F2	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C RFI-20_0916	REG	480-105539-1	SW8270	Caprolactam	4.8	U,F1,F2	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C RFI-20 D_0916	FD	480-105539-1	SW8270	Aniline	9.3	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C RFI-20 D_0916	FD	480-105539-1	SW8270	Benzaldehyde	4.6	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C RFI-20 D_0916	FD	480-105539-1	SW8270	Caprolactam	4.6	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C RFI-20_0916	REG	480-105539-1	SW6010	Manganese	0.47	F1	J	MSDL	µg/L
BCC Area C RFI-20 D_0916	FD	480-105539-1	SW6010	Manganese	0.41		J	MSDL	µg/L
BCC Area C RFI-20_0916	REG	480-105539-1	SW8270	bis (2-chloroisopropyl) ether	4.8	U,F2	UJ	MSDL	µg/L
BCC Area C RFI-20 D_0916	FD	480-105539-1	SW8270	bis (2-chloroisopropyl) ether	4.6	U	UJ	MSDL	µg/L
BCC Area C PS-05A_1116	REG	480-109026-1	SW8260	Dichlorodifluoromethane	5.0	U	UJ	LCSL	µg/L
BCC Area C MW-C01_1116	REG	480-109026-1	SW8270	Aniline	9.2	U	UJ	LCSL	µg/L
BCC Area C MW-C01_1116	REG	480-109026-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area C RFI-31_1116	REG	480-109026-1	SW8270	Aniline	9.2	U	UJ	LCSL	µg/L
BCC Area C RFI-31_1116	REG	480-109026-1	SW8270	Benzaldehyde	4.6	U	UJ	LCSL	µg/L
BCC Area C RFI-31_1116	REG	480-109026-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area C PS-04_1116	REG	480-109026-1	SW8270	Aniline	9.3	U	UJ	LCSL	µg/L
BCC Area C PS-04_1116	REG	480-109026-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area C MW-C04_1116	REG	480-109026-1	SW8270	Aniline	9.3	U	UJ	LCSL	µg/L
BCC Area C MW-C04_1116	REG	480-109026-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area C RFI-20_1116	REG	480-109026-1	SW8270	Aniline	9.2	U	UJ	LCSL	µg/L
BCC Area C RFI-20_1116	REG	480-109026-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area C PS-06_1116	REG	480-109026-1	SW8270	Aniline	9.3	U	UJ	LCSL	µg/L
BCC Area C PS-06_1116	REG	480-109026-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area C PS-05A_1116	REG	480-109026-1	SW8270	Aniline	9.4	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C PS-05A_1116	REG	480-109026-1	SW8270	Caprolactam	4.7	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C PS-05A D_1116	FD	480-109026-1	SW8270	Aniline	9.3	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C PS-05A D_1116	FD	480-109026-1	SW8270	Caprolactam	4.6	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C PS-05A_1116	REG	480-109026-1	SW8270	Benzo(g,h,i)perylene	4.7	U,F1	UJ	MSL	µg/L
BCC Area C PS-05A_1116	REG	480-109026-1	SW8270	Benzo(k)fluoranthene	4.7	U,F1	UJ	MSL	µg/L
BCC Area C PS-05A D_1116	FD	480-109026-1	SW8270	Benzo(g,h,i)perylene	4.6	U	UJ	MSL	µg/L

Prepared by:Sandhyasree 01/09/2017
Checked by: Suresh 01/09/2017

TABLE 3
VALIDATON ACTIONS SUMMARY
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area C PS-05A D_1116	FD	480-109026-1	SW8270	Benzo(k)fluoranthene	4.6	U	UJ	MSL	µg/L
BCC Area C PS-05A_1116	REG	480-109026-1	SW8270	Benzaldehyde	4.7	U	UJ	MSL,MSDL	µg/L
BCC Area C PS-05A_1116	REG	480-109026-1	SW8270	Bis(2-ethylhexyl) phthalate	4.7	U,F1	UJ	MSL,MSDL	µg/L
BCC Area C PS-05A_1116	REG	480-109026-1	SW8270	Di-n-octyl phthalate	4.7	U,F1	UJ	MSL,MSDL	µg/L
BCC Area C PS-05A_1116	REG	480-109026-1	SW8270	Dibenz(a,h)anthracene	4.7	U,F1	UJ	MSL,MSDL	µg/L
BCC Area C PS-05A_1116	REG	480-109026-1	SW8270	Indeno(1,2,3-cd)pyrene	4.7	U,F1	UJ	MSL,MSDL	µg/L
BCC Area C PS-05A D_1116	FD	480-109026-1	SW8270	Benzaldehyde	4.6	U	UJ	MSL,MSDL	µg/L
BCC Area C PS-05A D_1116	FD	480-109026-1	SW8270	Bis(2-ethylhexyl) phthalate	4.6	U	UJ	MSL,MSDL	µg/L
BCC Area C PS-05A D_1116	FD	480-109026-1	SW8270	Di-n-octyl phthalate	4.6	U	UJ	MSL,MSDL	µg/L
BCC Area C PS-05A D_1116	FD	480-109026-1	SW8270	Dibenz(a,h)anthracene	4.6	U	UJ	MSL,MSDL	µg/L
BCC Area C PS-05A D_1116	FD	480-109026-1	SW8270	Indeno(1,2,3-cd)pyrene	4.6	U	UJ	MSL,MSDL	µg/L

Notes:

BL1= Result qualified due to laboratory blank
HS= Head space in sample vials
LCSL= LCS recovery less than the lower limit
MSL= Matrix spike recovery less than the lower limit
MSDL= Matrix spike duplicate recovery less than the lower limit
U= Undetected
J= Estimated

Prepared by:Sandhyasree 01/09/2017
Checked by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C MW-C01 0316	BCC Area C MW-C04 0316	BCC Area C PS-04 0316	BCC Area C PS-05A 0316	BCC Area C PS-06 0316
		Location	MW-C01	MW-C04	PS-04	PS-05-A	PS-06
		Sample Date	03/30/2016	03/30/2016	03/30/2016	03/30/2016	03/29/2016
		Sample Delivery Group	480-97313-1	480-97313-1	480-97313-1	480-97313-1	480-97313-1
Units	Method	Parameter Name					
mg/L	SW6010	Aluminum	0.75	0.20 U	0.20 U	0.20 U	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.0070 J	0.015 U	0.015 U	0.074	0.073
mg/L	SW6010	Barium	0.083	0.21	0.067	0.030	0.0094
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.0091	0.0020 U	0.0020 U
mg/L	SW6010	Calcium	116	270	272	284	244
mg/L	SW6010	Chromium	0.0033 J	0.0040 U	0.0040 U	0.0040 U	0.0040 U
mg/L	SW6010	Cobalt	0.0040 U	0.0040 U	0.012	0.0040 U	0.0040 U
mg/L	SW6010	Copper	0.0079 J	0.010 U	0.024	0.010 U	0.010 U
mg/L	SW6010	Iron	0.67	11.9	0.077	18.1	55.1
mg/L	SW6010	Lead	0.0085 J	0.0034 J	0.0056 J	0.010 U	0.010 U
mg/L	SW6010	Magnesium	16.0	36.8	40.3	25.3	14.9
mg/L	SW6010	Manganese	0.022	1.4	0.013	0.33	0.25
mg/L	SW6010	Nickel	0.0019 J	0.010 U	0.11	0.0021 J	0.010 U
mg/L	SW6010	Potassium	29.0	8.1	8.8	12.9	70.2
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	258	40.4	31.1	105	84.7
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0016 J	0.0050 U	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.039	0.010 U	0.61	0.011	0.0038 J
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	21	1.0 U	5.0 U	5.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	34	1.0 U	5.0 U	5.0 U

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C MW-C01 0316	BCC Area C MW-C04 0316	BCC Area C PS-04 0316	BCC Area C PS-05A 0316	BCC Area C PS-06 0316
		Location	MW-C01	MW-C04	PS-04	PS-05-A	PS-06
		Sample Date	03/30/2016	03/30/2016	03/30/2016	03/30/2016	03/29/2016
		Sample Delivery Group	480-97313-1	480-97313-1	480-97313-1	480-97313-1	480-97313-1
Units	Method	Parameter Name					
µg/L	SW8260	2-Butanone (MEK)	10 U	100 U	10 U	50 U	50 U
µg/L	SW8260	2-Hexanone	5.0 U	50 U	5.0 U	25 U	25 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	50 U	5.0 U	25 U	25 U
µg/L	SW8260	Acetone	10 U	100 U	10 U	50 U	50 U
µg/L	SW8260	Benzene	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	Bromoform	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	Bromomethane	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	260	1.0 U	180	5.0 U
µg/L	SW8260	Chloroethane	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	Chloroform	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	Chloromethane	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	Cyclohexane	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	Methyl acetate	2.5 U	25 U	2.5 U	13 U	13 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	10 U	1.0 U	5.0 U	2.3 J
µg/L	SW8260	Styrene	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	Toluene	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	Trichloroethene	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	10 U	1.0 U	5.0 U	5.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	20 U	2.0 U	10 U	10 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2,4,6-Trichlorophenol	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dichlorophenol	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C MW-C01 0316	BCC Area C MW-C04 0316	BCC Area C PS-04 0316	BCC Area C PS-05A 0316	BCC Area C PS-06 0316
		Location	MW-C01	MW-C04	PS-04	PS-05-A	PS-06
		Sample Date	03/30/2016	03/30/2016	03/30/2016	03/30/2016	03/29/2016
		Sample Delivery Group	480-97313-1	480-97313-1	480-97313-1	480-97313-1	480-97313-1
Units	Method	Parameter Name					
µg/L	SW8270	2,4-Dimethylphenol	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dinitrophenol	9.4 U	9.3 U	9.4 U	9.4 U	9.5 U
µg/L	SW8270	2,4-Dinitrotoluene	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2,6-Dinitrotoluene	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2-Chloronaphthalene	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2-Chlorophenol	4.7 U	1.2 J	4.7 U	3.0 J	4.7 U
µg/L	SW8270	2-Methylnaphthalene	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2-Methylphenol	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2-Nitroaniline	9.4 U	9.3 U	9.4 U	9.4 U	9.5 U
µg/L	SW8270	2-Nitrophenol	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.7 U	4.7 U	4.7 U	4.7 U	4.7 UJ
µg/L	SW8270	3-Nitroaniline	9.4 U	9.3 U	9.4 U	9.4 U	9.5 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.4 U	9.3 U	9.4 U	9.4 U	9.5 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	4-Chloroaniline	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	4-Methylphenol	9.4 U	9.3 U	9.4 U	9.4 U	9.5 U
µg/L	SW8270	4-Nitroaniline	9.4 U	9.3 U	9.4 U	9.4 U	9.5 U
µg/L	SW8270	4-Nitrophenol	9.4 U	9.3 U	9.4 U	9.4 U	9.5 U
µg/L	SW8270	Acenaphthene	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Acenaphthylene	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Acetophenone	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Aniline	1.1 J	0.62 J	9.4 U	9.4 U	9.5 U
µg/L	SW8270	Anthracene	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Atrazine	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Benzaldehyde	4.7 UJ	4.7 UJ	4.7 UJ	4.7 UJ	0.29 J
µg/L	SW8270	Benzo(a)anthracene	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(a)pyrene	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(b)fluoranthene	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(k)fluoranthene	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Biphenyl	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C MW-C01 0316	BCC Area C MW-C04 0316	BCC Area C PS-04 0316	BCC Area C PS-05A 0316	BCC Area C PS-06 0316
		Location	MW-C01	MW-C04	PS-04	PS-05-A	PS-06
		Sample Date	03/30/2016	03/30/2016	03/30/2016	03/30/2016	03/29/2016
		Sample Delivery Group	480-97313-1	480-97313-1	480-97313-1	480-97313-1	480-97313-1
Units	Method	Parameter Name					
µg/L	SW8270	Butyl benzyl phthalate	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Caprolactam	4.7 UJ	4.7 UJ	4.7 UJ	4.7 UJ	4.7 UJ
µg/L	SW8270	Carbazole	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Chrysene	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Di-n-butyl phthalate	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Di-n-octyl phthalate	0.56 J	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Dibenzofuran	9.4 U	9.3 U	9.4 U	9.4 U	9.5 U
µg/L	SW8270	Diethyl phthalate	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Dimethyl phthalate	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Fluoranthene	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Fluorene	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorobenzene	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorobutadiene	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Hexachloroethane	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Isophorone	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.7 U	0.64 J	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Naphthalene	4.7 U	1.4 J	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Nitrobenzene	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Pentachlorophenol	9.4 U	9.3 U	9.4 U	9.4 U	9.5 U
µg/L	SW8270	Phenanthrene	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Phenol	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Pyrene	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U

Notes:
U = Undetected
J = Estimated

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-06 D 0316	BCC Area C RFI-20 0316	BCC Area C RFI-31 0316	TRIP BLANK_032916	BCC Area C MW-C01_0616
		Location	PS-06	RFI-20	RFI-31	QC	MW-C01
		Sample Date	03/29/2016	03/30/2016	03/30/2016	03/29/2016	05/23/2016
		Sample Delivery Group	480-97313-1	480-97313-1	480-97313-1	480-97313-1	480-100698-1
Units	Method	Parameter Name					
mg/L	SW6010	Aluminum	0.20 U	0.20 U	0.20 U		0.32
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U		0.020 U
mg/L	SW6010	Arsenic	0.069	0.024	0.019		0.015 U
mg/L	SW6010	Barium	0.0092	0.056	0.031		0.10
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U		0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.0020 U		0.0020 U
mg/L	SW6010	Calcium	236	267	466		124
mg/L	SW6010	Chromium	0.0040 U	0.0040 U	0.0012 J		0.0031 J
mg/L	SW6010	Cobalt	0.0040 U	0.0040 U	0.0023 J		0.0040 U
mg/L	SW6010	Copper	0.010 U	0.010 U	0.010 U		0.0078 J
mg/L	SW6010	Iron	53.9	13.1	4.7		0.26
mg/L	SW6010	Lead	0.010 U	0.010 U	0.0045 J		0.010 U
mg/L	SW6010	Magnesium	14.6	21.5	176		17.2
mg/L	SW6010	Manganese	0.24	0.37	1.5		0.014
mg/L	SW6010	Nickel	0.010 U	0.0019 J	0.0037 J		0.0017 J
mg/L	SW6010	Potassium	68.7	8.9	12.5		50.9
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U		0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U		0.0060 U
mg/L	SW6010	Sodium	82.7	28.6	2340		303
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U		0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	0.0050 U		0.0050 U
mg/L	SW6010	Zinc	0.0033 J	0.010 U	0.0059 J		0.037
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U		0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	4.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	4.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	4.0 U	1.0 U	100	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	4.0 U	1.0 U	4.4	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	4.0 U	1.0 U	120	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	4.0 U	1.0 U	14	1.0 U	1.0 U

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-06 D 0316	BCC Area C RFI-20 0316	BCC Area C RFI-31 0316	TRIP BLANK_032916	BCC Area C MW-C01_0616
		Location	PS-06	RFI-20	RFI-31	QC	MW-C01
		Sample Date	03/29/2016	03/30/2016	03/30/2016	03/29/2016	05/23/2016
		Sample Delivery Group	480-97313-1	480-97313-1	480-97313-1	480-97313-1	480-100698-1
Units	Method	Parameter Name					
µg/L	SW8260	2-Butanone (MEK)	40 U	10 U	20 U	10 U	10 U
µg/L	SW8260	2-Hexanone	20 U	5.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	20 U	5.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	40 U	10 U	20 U	10 U	10 U
µg/L	SW8260	Benzene	4.0 U	0.43 J	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	4.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	4.0 U	35	4.5	0.93 J	1.0 U
µg/L	SW8260	Chloroethane	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	4.0 U	1.0 U	1.9 J	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	4.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	10 U	2.5 U	5.0 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	2.3 J	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	4.0 U	1.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	8.0 U	2.0 U	4.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	2,4,6-Trichlorophenol	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	2,4-Dichlorophenol	4.7 U	4.6 U	1.4 J		4.7 U

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-06 D 0316	BCC Area C RFI-20 0316	BCC Area C RFI-31 0316	TRIP BLANK_032916	BCC Area C MW-C01_0616
		Location	PS-06	RFI-20	RFI-31	QC	MW-C01
		Sample Date	03/29/2016	03/30/2016	03/30/2016	03/29/2016	05/23/2016
		Sample Delivery Group	480-97313-1	480-97313-1	480-97313-1	480-97313-1	480-100698-1
Units	Method	Parameter Name					
µg/L	SW8270	2,4-Dimethylphenol	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	2,4-Dinitrophenol	9.3 U	9.3 U	9.4 U		9.5 U
µg/L	SW8270	2,4-Dinitrotoluene	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	2,6-Dinitrotoluene	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	2-Chloronaphthalene	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	2-Chlorophenol	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	2-Methylnaphthalene	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	2-Methylphenol	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	2-Nitroaniline	9.3 U	9.3 U	9.4 U		9.5 U
µg/L	SW8270	2-Nitrophenol	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.7 UJ	4.6 U	4.7 U		4.7 U
µg/L	SW8270	3-Nitroaniline	9.3 U	9.3 U	9.4 U		9.5 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.3 U	9.3 U	9.4 U		9.5 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	4-Chloroaniline	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	4-Methylphenol	9.3 U	9.3 U	9.4 U		9.5 U
µg/L	SW8270	4-Nitroaniline	9.3 U	9.3 U	9.4 U		9.5 U
µg/L	SW8270	4-Nitrophenol	9.3 U	9.3 U	9.4 U		9.5 U
µg/L	SW8270	Acenaphthene	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Acenaphthylene	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Acetophenone	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Aniline	9.3 U	9.3 U	0.63 J		0.67 J
µg/L	SW8270	Anthracene	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Atrazine	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Benzaldehyde	0.31 J	4.6 UJ	4.7 UJ		4.7 U
µg/L	SW8270	Benzo(a)anthracene	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Benzo(a)pyrene	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Benzo(b)fluoranthene	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Benzo(k)fluoranthene	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Biphenyl	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.7 U	4.6 U	4.7 U		4.7 U

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-06 D 0316	BCC Area C RFI-20 0316	BCC Area C RFI-31 0316	TRIP BLANK_032916	BCC Area C MW-C01_0616
		Location	PS-06	RFI-20	RFI-31	QC	MW-C01
		Sample Date	03/29/2016	03/30/2016	03/30/2016	03/29/2016	05/23/2016
		Sample Delivery Group	480-97313-1	480-97313-1	480-97313-1	480-97313-1	480-100698-1
Units	Method	Parameter Name					
µg/L	SW8270	Butyl benzyl phthalate	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Caprolactam	4.7 UJ	4.6 UJ	4.7 UJ		4.7 UJ
µg/L	SW8270	Carbazole	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Chrysene	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Di-n-butyl phthalate	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Di-n-octyl phthalate	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Dibenzofuran	9.3 U	9.3 U	9.4 U		9.5 U
µg/L	SW8270	Diethyl phthalate	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Dimethyl phthalate	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Fluoranthene	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Fluorene	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Hexachlorobenzene	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Hexachlorobutadiene	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Hexachloroethane	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Isophorone	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Naphthalene	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Nitrobenzene	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Pentachlorophenol	9.3 U	9.3 U	9.4 U		9.5 U
µg/L	SW8270	Phenanthrene	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Phenol	4.7 U	4.6 U	4.7 U		4.7 U
µg/L	SW8270	Pyrene	4.7 U	4.6 U	4.7 U		4.7 U

Notes:
U = Undetected
J = Estimated

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C_MW-C01 D_0616	BCC Area C MW-C04_0616	BCC Area C PS-04_0616	BCC Area C PS-05A_0616	BCC Area C PS-06_0616
		Location	MW-C01	MW-C04	PS-04	PS-05A	PS-06
		Sample Date	05/23/2016	05/23/2016	05/23/2016	05/23/2016	05/23/2016
		Sample Delivery Group	480-100698-1	480-100698-1	480-100698-1	480-100698-1	480-100698-1
Units	Method	Parameter Name					
mg/L	SW6010	Aluminum	0.31	0.41	0.15 J	0.13 J	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.015 U	0.015 U	0.11	0.073
mg/L	SW6010	Barium	0.10	0.18	0.057	0.049	0.011
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.0070	0.0020 U	0.0020 U
mg/L	SW6010	Calcium	122	261	204	215	265
mg/L	SW6010	Chromium	0.0029 J	0.0014 J	0.0011 J	0.0016 J	0.0040 U
mg/L	SW6010	Cobalt	0.0040 U	0.0040 U	0.14	0.0040 U	0.0040 U
mg/L	SW6010	Copper	0.0081 J	0.020	0.013	0.0043 J	0.010 U
mg/L	SW6010	Iron	0.27	9.9	0.56	15.7	56.9
mg/L	SW6010	Lead	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
mg/L	SW6010	Magnesium	17.1	33.6	30.9	20.2	17.3
mg/L	SW6010	Manganese	0.014	1.6	1.8	0.30	0.28
mg/L	SW6010	Nickel	0.0024 J	0.010 U	0.096	0.0042 J	0.010 U
mg/L	SW6010	Potassium	50.0	8.7	6.6	11.3	70.5
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	297	42.9	25.2	92.5	111
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0016 J	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.035	0.024	0.37	0.013	0.010 U
mg/L	SW7470	Mercury	0.00020 U	0.00013 J	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	10 U	1.0 UJ	5.0 UJ	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	10 U	1.0 U	5.0 U	1.1
µg/L	SW8260	1,1-Dichloroethene	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	10 U	1.0 U	4.1 J	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	24	1.0 U	5.0 U	1.1
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	38	1.0 U	5.0 U	1.0 U

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C_MW-C01 D_0616	BCC Area C MW-C04_0616	BCC Area C PS-04_0616	BCC Area C PS-05A_0616	BCC Area C PS-06_0616
		Location	MW-C01	MW-C04	PS-04	PS-05A	PS-06
		Sample Date	05/23/2016	05/23/2016	05/23/2016	05/23/2016	05/23/2016
		Sample Delivery Group	480-100698-1	480-100698-1	480-100698-1	480-100698-1	480-100698-1
Units	Method	Parameter Name					
µg/L	SW8260	2-Butanone (MEK)	10 U	100 U	10 U	50 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	50 U	5.0 U	25 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	50 U	5.0 U	25 U	5.0 U
µg/L	SW8260	Acetone	10 U	100 U	10 U	50 U	4.1 J
µg/L	SW8260	Benzene	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	340	1.0 U	250	1.6
µg/L	SW8260	Chloroethane	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	10 U	1.0 UJ	5.0 UJ	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	25 U	2.5 U	13 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	10 U	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	20 U	2.0 U	10 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	2,4,6-Trichlorophenol	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	2,4-Dichlorophenol	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C_MW-C01 D_0616	BCC Area C MW-C04_0616	BCC Area C PS-04_0616	BCC Area C PS-05A_0616	BCC Area C PS-06_0616
		Location	MW-C01	MW-C04	PS-04	PS-05A	PS-06
		Sample Date	05/23/2016	05/23/2016	05/23/2016	05/23/2016	05/23/2016
		Sample Delivery Group	480-100698-1	480-100698-1	480-100698-1	480-100698-1	480-100698-1
Units	Method	Parameter Name					
µg/L	SW8270	2,4-Dimethylphenol	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	2,4-Dinitrophenol	9.4 U	9.7 U	9.5 U	10 U	10 U
µg/L	SW8270	2,4-Dinitrotoluene	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	2,6-Dinitrotoluene	4.7 U	4.8 U	4.8 U	5.0 U	0.86 J
µg/L	SW8270	2-Chloronaphthalene	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	2-Chlorophenol	4.7 U	1.2 J	4.8 U	1.1 J	5.1 U
µg/L	SW8270	2-Methylnaphthalene	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	2-Methylphenol	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	2-Nitroaniline	9.4 U	9.7 U	9.5 U	10 U	10 U
µg/L	SW8270	2-Nitrophenol	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	3-Nitroaniline	9.4 U	9.7 U	9.5 U	10 U	10 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.4 U	9.7 U	9.5 U	10 U	10 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	4-Chloroaniline	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	4-Methylphenol	9.4 U	9.7 U	9.5 U	10 U	10 U
µg/L	SW8270	4-Nitroaniline	9.4 U	9.7 U	9.5 U	10 U	10 U
µg/L	SW8270	4-Nitrophenol	9.4 U	9.7 U	9.5 U	10 U	10 U
µg/L	SW8270	Acenaphthene	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Acenaphthylene	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Acetophenone	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Aniline	0.74 J	9.7 UJ	9.5 UJ	10 UJ	0.67 J
µg/L	SW8270	Anthracene	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Atrazine	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Benzaldehyde	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Benzo(a)anthracene	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Benzo(a)pyrene	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Benzo(b)fluoranthene	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Benzo(k)fluoranthene	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Biphenyl	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C_MW-C01 D_0616	BCC Area C MW-C04_0616	BCC Area C PS-04_0616	BCC Area C PS-05A_0616	BCC Area C PS-06_0616
		Location	MW-C01	MW-C04	PS-04	PS-05A	PS-06
		Sample Date	05/23/2016	05/23/2016	05/23/2016	05/23/2016	05/23/2016
		Sample Delivery Group	480-100698-1	480-100698-1	480-100698-1	480-100698-1	480-100698-1
Units	Method	Parameter Name					
µg/L	SW8270	Butyl benzyl phthalate	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Caprolactam	4.7 UJ	4.8 UJ	4.8 UJ	5.0 UJ	5.1 UJ
µg/L	SW8270	Carbazole	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Chrysene	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Di-n-butyl phthalate	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Di-n-octyl phthalate	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Dibenzofuran	9.4 U	9.7 U	9.5 U	10 U	10 U
µg/L	SW8270	Diethyl phthalate	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Dimethyl phthalate	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Fluoranthene	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Fluorene	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Hexachlorobenzene	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Hexachlorobutadiene	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Hexachloroethane	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Isophorone	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.7 U	0.62 J	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Naphthalene	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Nitrobenzene	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Pentachlorophenol	9.4 U	9.7 U	9.5 U	10 U	10 U
µg/L	SW8270	Phenanthrene	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Phenol	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U
µg/L	SW8270	Pyrene	4.7 U	4.8 U	4.8 U	5.0 U	5.1 U

Notes:
U = Undetected
J = Estimated

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C RFI-20_0616	BCC Area C RFI-31_0616	TRIP BLANK_052316	BCC Area C MW-C01_0916	BCC Area C MW-C04_0916
		Location	RFI-20	RFI-31	QC	MW-C01	MW-C04
		Sample Date	05/23/2016	05/23/2016	05/23/2016	09/07/2016	09/07/2016
		Sample Delivery Group	480-100698-1	480-100698-1	480-100698-1	480-105539-1	480-105539-1
Units	Method	Parameter Name					
mg/L	SW6010	Aluminum	0.17 J	0.20 U		1.1	0.50
mg/L	SW6010	Antimony	0.020 U	0.020 U		0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.0088 J		0.0058 J	0.015 U
mg/L	SW6010	Barium	0.050	0.028		0.14	0.20
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U		0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U		0.00071 J	0.00070 J
mg/L	SW6010	Calcium	185	446		118	266
mg/L	SW6010	Chromium	0.0040 U	0.0011 J		0.0063	0.0013 J
mg/L	SW6010	Cobalt	0.0040 U	0.0030 J		0.0040 U	0.0040 U
mg/L	SW6010	Copper	0.012	0.0021 J		0.014	0.020
mg/L	SW6010	Iron	3.4	4.0		1.5	7.4
mg/L	SW6010	Lead	0.010 U	0.010 U		0.019	0.0065 J
mg/L	SW6010	Magnesium	39.8	167		16.5	31.7
mg/L	SW6010	Manganese	0.20	1.5		0.073	1.5
mg/L	SW6010	Nickel	0.012	0.0034 J		0.0034 J	0.0014 J
mg/L	SW6010	Potassium	7.3	12.5		56.9	10.3
mg/L	SW6010	Selenium	0.025 U	0.025 U		0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U		0.0060 U	0.0060 U
mg/L	SW6010	Sodium	20.8	2240		324	44.7
mg/L	SW6010	Thallium	0.020 U	0.020 U		0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U		0.0034 J	0.0015 J
mg/L	SW6010	Zinc	0.0084 J	0.010 U		0.062	0.027
mg/L	SW7470	Mercury	0.00020 U	0.00020 U		0.00020 U	0.00014 J
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 UJ	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	260	1.0 U	1.0 U	10 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	10	1.0 U	1.0 U	10 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	170	1.0 U	1.0 U	16
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	20	1.0 U	1.0 U	26

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C RFI-20_0616	BCC Area C RFI-31_0616	TRIP BLANK_052316	BCC Area C MW-C01_0916	BCC Area C MW-C04_0916
		Location	RFI-20	RFI-31	QC	MW-C01	MW-C04
		Sample Date	05/23/2016	05/23/2016	05/23/2016	09/07/2016	09/07/2016
		Sample Delivery Group	480-100698-1	480-100698-1	480-100698-1	480-105539-1	480-105539-1
Units	Method	Parameter Name					
µg/L	SW8260	2-Butanone (MEK)	10 U	50 U	10 U	10 U	100 U
µg/L	SW8260	2-Hexanone	5.0 U	25 U	5.0 U	5.0 U	50 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	25 U	5.0 U	5.0 U	50 U
µg/L	SW8260	Acetone	3.0 J	50 U	10 U	10 U	100 U
µg/L	SW8260	Benzene	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Bromodichloromethane	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Bromoform	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Bromomethane	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Carbon disulfide	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Chlorobenzene	24	20	1.0 U	1.0 U	230
µg/L	SW8260	Chloroethane	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Chloroform	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Chloromethane	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Cyclohexane	1.0 UJ	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Dibromochloromethane	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Ethylbenzene	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Isopropylbenzene	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Methyl acetate	2.5 U	13 U	2.5 U	2.5 U	25 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Methylcyclohexane	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Methylene Chloride	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Styrene	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Tetrachloroethene	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Toluene	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Trichloroethene	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Vinyl chloride	1.0 U	5.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Xylenes, Total	2.0 U	10 U	2.0 U	2.0 U	20 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	2,4,6-Trichlorophenol	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	2,4-Dichlorophenol	4.9 U	0.93 J		4.6 U	4.6 U

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C RFI-20_0616	BCC Area C RFI-31_0616	TRIP BLANK_052316	BCC Area C MW-C01_0916	BCC Area C MW-C04_0916
		Location	RFI-20	RFI-31	QC	MW-C01	MW-C04
		Sample Date	05/23/2016	05/23/2016	05/23/2016	09/07/2016	09/07/2016
		Sample Delivery Group	480-100698-1	480-100698-1	480-100698-1	480-105539-1	480-105539-1
Units	Method	Parameter Name					
µg/L	SW8270	2,4-Dimethylphenol	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	2,4-Dinitrophenol	9.8 U	9.4 U		9.3 U	9.3 U
µg/L	SW8270	2,4-Dinitrotoluene	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	2,6-Dinitrotoluene	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	2-Chloronaphthalene	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	2-Chlorophenol	4.9 U	4.7 U		4.6 U	0.83 J
µg/L	SW8270	2-Methylnaphthalene	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	2-Methylphenol	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	2-Nitroaniline	9.8 U	9.4 U		9.3 U	9.3 U
µg/L	SW8270	2-Nitrophenol	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	3-Nitroaniline	9.8 U	9.4 U		9.3 U	9.3 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.8 U	9.4 U		9.3 U	9.3 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	4-Chloroaniline	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	4-Methylphenol	9.8 U	9.4 U		9.3 U	9.3 U
µg/L	SW8270	4-Nitroaniline	9.8 U	9.4 U		9.3 U	9.3 U
µg/L	SW8270	4-Nitrophenol	9.8 U	9.4 U		9.3 U	9.3 U
µg/L	SW8270	Acenaphthene	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Acenaphthylene	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Acetophenone	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Aniline	9.8 UJ	9.4 UJ		9.3 UJ	9.3 UJ
µg/L	SW8270	Anthracene	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Atrazine	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Benzaldehyde	4.9 U	4.7 U		4.6 UJ	4.6 UJ
µg/L	SW8270	Benzo(a)anthracene	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Benzo(a)pyrene	4.9 U	4.7 U		0.48 J	4.6 U
µg/L	SW8270	Benzo(b)fluoranthene	4.9 U	4.7 U		0.41 J	4.6 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Benzo(k)fluoranthene	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Biphenyl	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.9 U	4.7 U		4.6 U	4.6 U

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C RFI-20_0616	BCC Area C RFI-31_0616	TRIP BLANK_052316	BCC Area C MW-C01_0916	BCC Area C MW-C04_0916
		Location	RFI-20	RFI-31	QC	MW-C01	MW-C04
		Sample Date	05/23/2016	05/23/2016	05/23/2016	09/07/2016	09/07/2016
		Sample Delivery Group	480-100698-1	480-100698-1	480-100698-1	480-105539-1	480-105539-1
Units	Method	Parameter Name					
µg/L	SW8270	Butyl benzyl phthalate	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Caprolactam	4.9 UJ	4.7 UJ		4.6 UJ	4.6 UJ
µg/L	SW8270	Carbazole	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Chrysene	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Di-n-butyl phthalate	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Di-n-octyl phthalate	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Dibenzofuran	9.8 U	9.4 U		9.3 U	9.3 U
µg/L	SW8270	Diethyl phthalate	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Dimethyl phthalate	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Fluoranthene	4.9 U	4.7 U		0.63 J	4.6 U
µg/L	SW8270	Fluorene	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Hexachlorobenzene	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Hexachlorobutadiene	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Hexachloroethane	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Isophorone	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.9 U	4.7 U		4.6 U	0.49 J
µg/L	SW8270	Naphthalene	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Nitrobenzene	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Pentachlorophenol	9.8 U	9.4 U		9.3 U	9.3 U
µg/L	SW8270	Phenanthrene	4.9 U	4.7 U		0.50 J	4.6 U
µg/L	SW8270	Phenol	4.9 U	4.7 U		4.6 U	4.6 U
µg/L	SW8270	Pyrene	4.9 U	4.7 U		0.45 J	4.6 U

Notes:
U = Undetected
J = Estimated

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-05A_0916	BCC Area C PS-06_0916	BCC Area C RFI-20_0916	BCC Area C RFI-20 D_0916	BCC Area C RFI-31_0916
		Location	PS-05-A	PS-06	RFI-20	RFI-20	RFI-31
		Sample Date	09/07/2016	09/07/2016	09/07/2016	09/07/2016	09/07/2016
		Sample Delivery Group	480-105539-1	480-105539-1	480-105539-1	480-105539-1	480-105539-1
Units	Method	Parameter Name					
mg/L	SW6010	Aluminum	1.9	1.1	0.20 U	0.20 U	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.015	0.13	0.016	0.016	0.035
mg/L	SW6010	Barium	0.038	0.018	0.042	0.040	0.031
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.00064 J	0.00066 J	0.0020 U	0.00054 J	0.00068 J
mg/L	SW6010	Calcium	480	314	221	200	461
mg/L	SW6010	Chromium	0.0030 J	0.0023 J	0.0017 J	0.0010 J	0.0040 U
mg/L	SW6010	Cobalt	0.00097 J	0.0014 J	0.0040 U	0.0040 U	0.0035 J
mg/L	SW6010	Copper	0.012	0.018	0.010 U	0.010 U	0.0026 J
mg/L	SW6010	Iron	7.8	75.0	9.6	9.2	10.7
mg/L	SW6010	Lead	0.0078 J	0.0099 J	0.0042 J	0.0035 J	0.0036 J
mg/L	SW6010	Magnesium	66.3	22.6	20.5	19.1	180
mg/L	SW6010	Manganese	0.46	0.36	0.47 J	0.41 J	1.4
mg/L	SW6010	Nickel	0.0020 J	0.0029 J	0.0040 J	0.0037 J	0.0034 J
mg/L	SW6010	Potassium	2.0	72.9	11.5	10.9	11.6
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	259	180	34.2	32.3	2130
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0043 J	0.0050 U	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.043	0.071	0.0061 J	0.0054 J	0.0096 J
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	1,1,2-Trichloroethane	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	1,1-Dichloroethane	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	1,1-Dichloroethene	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	1,2,4-Trichlorobenzene	2.0 UJ	5.0 U	2.7	2.7	710
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	1,2-Dibromoethane	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	1,2-Dichlorobenzene	2.0 UJ	5.0 U	1.0 U	1.0 U	31
µg/L	SW8260	1,2-Dichloroethane	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	1,2-Dichloropropane	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	1,3-Dichlorobenzene	2.0 UJ	5.0 U	1.0 U	1.0 U	550
µg/L	SW8260	1,4-Dichlorobenzene	2.0 UJ	5.0 U	1.0 U	1.0 U	55

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-05A_0916	BCC Area C PS-06_0916	BCC Area C RFI-20_0916	BCC Area C RFI-20 D_0916	BCC Area C RFI-31_0916
		Location	PS-05-A	PS-06	RFI-20	RFI-20	RFI-31
		Sample Date	09/07/2016	09/07/2016	09/07/2016	09/07/2016	09/07/2016
		Sample Delivery Group	480-105539-1	480-105539-1	480-105539-1	480-105539-1	480-105539-1
Units	Method	Parameter Name					
µg/L	SW8260	2-Butanone (MEK)	20 UJ	50 U	10 U	10 U	250 U
µg/L	SW8260	2-Hexanone	10 UJ	25 U	5.0 U	5.0 U	130 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	10 UJ	25 U	5.0 U	5.0 U	130 U
µg/L	SW8260	Acetone	7.6 J	50 U	10 U	3.0 J	250 U
µg/L	SW8260	Benzene	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	Bromodichloromethane	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	Bromoform	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	Bromomethane	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	Carbon disulfide	2.0 UJ	5.0 U	0.28 J	0.22 J	25 U
µg/L	SW8260	Carbon tetrachloride	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	Chlorobenzene	92 J	5.0 U	24	23	120
µg/L	SW8260	Chloroethane	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	Chloroform	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	Chloromethane	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	cis-1,2-Dichloroethene	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	cis-1,3-Dichloropropene	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	Cyclohexane	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	Dibromochloromethane	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	Dichlorodifluoromethane	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	Ethylbenzene	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	Isopropylbenzene	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	Methyl acetate	5.0 UJ	13 U	2.5 U	2.5 U	63 U
µg/L	SW8260	Methyl tert-butyl ether	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	Methylcyclohexane	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	Methylene Chloride	3.3 J	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	Styrene	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	Tetrachloroethene	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	Toluene	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	trans-1,2-Dichloroethene	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	trans-1,3-Dichloropropene	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	Trichloroethene	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	Trichlorofluoromethane	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	Vinyl chloride	2.0 UJ	5.0 U	1.0 U	1.0 U	25 U
µg/L	SW8260	Xylenes, Total	4.0 UJ	10 U	2.0 U	2.0 U	50 U
µg/L	SW8270	2,4,5-Trichlorophenol	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	2,4,6-Trichlorophenol	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	2,4-Dichlorophenol	5.0 U	4.9 U	4.8 U	4.6 U	2.0 J

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-05A_0916	BCC Area C PS-06_0916	BCC Area C RFI-20_0916	BCC Area C RFI-20 D_0916	BCC Area C RFI-31_0916
		Location	PS-05-A	PS-06	RFI-20	RFI-20	RFI-31
		Sample Date	09/07/2016	09/07/2016	09/07/2016	09/07/2016	09/07/2016
		Sample Delivery Group	480-105539-1	480-105539-1	480-105539-1	480-105539-1	480-105539-1
Units	Method	Parameter Name					
µg/L	SW8270	2,4-Dimethylphenol	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	2,4-Dinitrophenol	9.9 U	9.7 U	9.6 U	9.3 U	9.2 U
µg/L	SW8270	2,4-Dinitrotoluene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	2,6-Dinitrotoluene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	2-Chloronaphthalene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	2-Chlorophenol	0.53 J	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	2-Methylnaphthalene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	2-Methylphenol	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	2-Nitroaniline	9.9 U	9.7 U	9.6 U	9.3 U	9.2 U
µg/L	SW8270	2-Nitrophenol	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	3,3'-Dichlorobenzidine	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	3-Nitroaniline	9.9 U	9.7 U	9.6 U	9.3 U	9.2 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.9 U	9.7 U	9.6 U	9.3 U	9.2 U
µg/L	SW8270	4-Bromophenyl phenyl ether	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	4-Chloro-3-methylphenol	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	4-Chloroaniline	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	4-Methylphenol	9.9 U	9.7 U	9.6 U	9.3 U	9.2 U
µg/L	SW8270	4-Nitroaniline	9.9 U	9.7 U	9.6 U	9.3 U	9.2 U
µg/L	SW8270	4-Nitrophenol	9.9 U	9.7 U	9.6 U	9.3 U	9.2 U
µg/L	SW8270	Acenaphthene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Acenaphthylene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Acetophenone	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Aniline	9.9 UJ	9.7 UJ	9.6 UJ	9.3 UJ	0.64 J
µg/L	SW8270	Anthracene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Atrazine	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Benzaldehyde	5.0 UJ	4.9 UJ	4.8 UJ	4.6 UJ	4.6 UJ
µg/L	SW8270	Benzo(a)anthracene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Benzo(a)pyrene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Benzo(b)fluoranthene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Benzo(g,h,i)perylene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Benzo(k)fluoranthene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Biphenyl	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	5.0 U	4.9 U	4.8 UJ	4.6 UJ	4.6 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Bis(2-chloroethyl)ether	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-05A_0916	BCC Area C PS-06_0916	BCC Area C RFI-20_0916	BCC Area C RFI-20 D_0916	BCC Area C RFI-31_0916
		Location	PS-05-A	PS-06	RFI-20	RFI-20	RFI-31
		Sample Date	09/07/2016	09/07/2016	09/07/2016	09/07/2016	09/07/2016
		Sample Delivery Group	480-105539-1	480-105539-1	480-105539-1	480-105539-1	480-105539-1
Units	Method	Parameter Name					
µg/L	SW8270	Butyl benzyl phthalate	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Caprolactam	5.0 UJ	4.9 UJ	4.8 UJ	4.6 UJ	4.6 UJ
µg/L	SW8270	Carbazole	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Chrysene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Di-n-butyl phthalate	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Di-n-octyl phthalate	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Dibenz(a,h)anthracene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Dibenzofuran	9.9 U	9.7 U	9.6 U	9.3 U	9.2 U
µg/L	SW8270	Diethyl phthalate	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Dimethyl phthalate	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Fluoranthene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Fluorene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Hexachlorobenzene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Hexachlorobutadiene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Hexachlorocyclopentadiene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Hexachloroethane	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Isophorone	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	N-Nitrosodiphenylamine	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Naphthalene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Nitrobenzene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Pentachlorophenol	9.9 U	9.7 U	9.6 U	9.3 U	9.2 U
µg/L	SW8270	Phenanthrene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Phenol	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U
µg/L	SW8270	Pyrene	5.0 U	4.9 U	4.8 U	4.6 U	4.6 U

Notes:
U = Undetected
J = Estimated

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	TRIP BLANK_090716	BCC Area C MW-C01_1116	BCC Area C MW-C04_1116	BCC Area C PS-04_1116	BCC Area C PS-05A_1116
		Location	QC	MW-C01	MW-C04	PS-04	PS-05A
		Sample Date	09/07/2016	11/03/2016	11/03/2016	11/03/2016	11/03/2016
		Sample Delivery Group	480-105539-1	480-109026-1	480-109026-1	480-109026-1	480-109026-1
Units	Method	Parameter Name					
mg/L	SW6010	Aluminum		0.29	0.084 J	0.12 J	0.26
mg/L	SW6010	Antimony		0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic		0.015 U	0.015 U	0.015 U	0.13
mg/L	SW6010	Barium		0.12	0.32	0.094	0.043
mg/L	SW6010	Beryllium		0.0020 U	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium		0.0020 U	0.0020 U	0.015	0.0021
mg/L	SW6010	Calcium		127	280	374	412
mg/L	SW6010	Chromium		0.0039 J	0.0011 J	0.0017 J	0.0040 U
mg/L	SW6010	Cobalt		0.0040 U	0.0040 U	0.020	0.0088
mg/L	SW6010	Copper		0.0065 J	0.0024 J	0.029	0.015
mg/L	SW6010	Iron		0.52	7.5	0.30	117
mg/L	SW6010	Lead		0.0082 J	0.0059 J	0.0030 J	0.0076 J
mg/L	SW6010	Magnesium		19.1	34.4	50.9	53.8
mg/L	SW6010	Manganese		0.029	1.6	0.034	2.0
mg/L	SW6010	Nickel		0.0020 J	0.010 U	0.16	0.019
mg/L	SW6010	Potassium		50.9	10.5	10.2	15.3
mg/L	SW6010	Selenium		0.025 U	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver		0.0060 U	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium		329	38.9	27.8	105
mg/L	SW6010	Thallium		0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium		0.0050 U	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc		0.037	0.0062 J	0.96	0.44
mg/L	SW7470	Mercury		0.00020 U	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	17	1.0 U	5.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	29	1.0 U	5.0 U

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	TRIP BLANK_090716	BCC Area C MW-C01_1116	BCC Area C MW-C04_1116	BCC Area C PS-04_1116	BCC Area C PS-05A_1116
		Location	QC	MW-C01	MW-C04	PS-04	PS-05A
		Sample Date	09/07/2016	11/03/2016	11/03/2016	11/03/2016	11/03/2016
		Sample Delivery Group	480-105539-1	480-109026-1	480-109026-1	480-109026-1	480-109026-1
Units	Method	Parameter Name					
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	100 U	10 U	50 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	50 U	5.0 U	25 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	50 U	5.0 U	25 U
µg/L	SW8260	Acetone	10 U	10 U	100 U	10 U	23 J
µg/L	SW8260	Benzene	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	320	1.0 U	250
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	10 U	1.0 U	5.0 UJ
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	25 U	2.5 U	13 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	10 U	1.0 U	5.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	20 U	2.0 U	10 U
µg/L	SW8270	2,4,5-Trichlorophenol		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	2,4,6-Trichlorophenol		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	2,4-Dichlorophenol		4.6 U	4.6 U	4.6 U	4.7 U

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	TRIP BLANK_090716	BCC Area C MW-C01_1116	BCC Area C MW-C04_1116	BCC Area C PS-04_1116	BCC Area C PS-05A_1116
		Location	QC	MW-C01	MW-C04	PS-04	PS-05A
		Sample Date	09/07/2016	11/03/2016	11/03/2016	11/03/2016	11/03/2016
		Sample Delivery Group	480-105539-1	480-109026-1	480-109026-1	480-109026-1	480-109026-1
Units	Method	Parameter Name					
µg/L	SW8270	2,4-Dimethylphenol		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	2,4-Dinitrophenol		9.2 U	9.3 U	9.3 U	9.4 U
µg/L	SW8270	2,4-Dinitrotoluene		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	2,6-Dinitrotoluene		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	2-Chloronaphthalene		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	2-Chlorophenol		4.6 U	1.4 J	4.6 U	0.63 J
µg/L	SW8270	2-Methylnaphthalene		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	2-Methylphenol		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	2-Nitroaniline		9.2 U	9.3 U	9.3 U	9.4 U
µg/L	SW8270	2-Nitrophenol		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	3,3'-Dichlorobenzidine		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	3-Nitroaniline		9.2 U	9.3 U	9.3 U	9.4 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol		9.2 U	9.3 U	9.3 U	9.4 U
µg/L	SW8270	4-Bromophenyl phenyl ether		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	4-Chloro-3-methylphenol		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	4-Chloroaniline		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	4-Chlorophenyl phenyl ether		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	4-Methylphenol		9.2 U	9.3 U	9.3 U	0.53 J
µg/L	SW8270	4-Nitroaniline		9.2 U	9.3 U	9.3 U	9.4 U
µg/L	SW8270	4-Nitrophenol		9.2 U	9.3 U	9.3 U	9.4 U
µg/L	SW8270	Acenaphthene		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Acenaphthylene		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Acetophenone		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Aniline		9.2 UJ	9.3 UJ	9.3 UJ	9.4 UJ
µg/L	SW8270	Anthracene		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Atrazine		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Benzaldehyde		4.6 U	4.6 U	4.6 U	4.7 UJ
µg/L	SW8270	Benzo(a)anthracene		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Benzo(a)pyrene		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Benzo(b)fluoranthene		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Benzo(g,h,i)perylene		4.6 U	4.6 U	4.6 U	4.7 UJ
µg/L	SW8270	Benzo(k)fluoranthene		4.6 U	4.6 U	4.6 U	4.7 UJ
µg/L	SW8270	Biphenyl		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	bis (2-chloroisopropyl) ether		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Bis(2-chloroethoxy)methane		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Bis(2-chloroethyl)ether		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate		4.6 U	4.6 U	4.6 U	4.7 UJ

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	TRIP BLANK_090716	BCC Area C MW-C01_1116	BCC Area C MW-C04_1116	BCC Area C PS-04_1116	BCC Area C PS-05A_1116
		Location	QC	MW-C01	MW-C04	PS-04	PS-05A
		Sample Date	09/07/2016	11/03/2016	11/03/2016	11/03/2016	11/03/2016
		Sample Delivery Group	480-105539-1	480-109026-1	480-109026-1	480-109026-1	480-109026-1
Units	Method	Parameter Name					
µg/L	SW8270	Butyl benzyl phthalate		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Caprolactam		4.6 UJ	4.6 UJ	4.6 UJ	4.7 UJ
µg/L	SW8270	Carbazole		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Chrysene		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Di-n-butyl phthalate		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Di-n-octyl phthalate		4.6 U	4.6 U	4.6 U	4.7 UJ
µg/L	SW8270	Dibenz(a,h)anthracene		4.6 U	4.6 U	4.6 U	4.7 UJ
µg/L	SW8270	Dibenzofuran		9.2 U	9.3 U	9.3 U	9.4 U
µg/L	SW8270	Diethyl phthalate		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Dimethyl phthalate		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Fluoranthene		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Fluorene		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Hexachlorobenzene		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Hexachlorobutadiene		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Hexachlorocyclopentadiene		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Hexachloroethane		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene		4.6 U	4.6 U	4.6 U	4.7 UJ
µg/L	SW8270	Isophorone		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	N-Nitrosodi-n-propylamine		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	N-Nitrosodiphenylamine		4.6 U	0.81 J	4.6 U	4.7 U
µg/L	SW8270	Naphthalene		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Nitrobenzene		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Pentachlorophenol		9.2 U	9.3 U	9.3 U	9.4 U
µg/L	SW8270	Phenanthrene		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Phenol		4.6 U	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Pyrene		4.6 U	4.6 U	4.6 U	4.7 U

Notes:
U = Undetected
J = Estimated

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-05A D_1116	BCC Area C PS-06_1116	BCC Area C RFI-20_1116	BCC Area C RFI-31_1116	TRIP BLANK_110316
		Location	PS-05A	PS-06	RFI-20	RFI-31	QC
		Sample Date	11/03/2016	11/03/2016	11/03/2016	11/03/2016	11/03/2016
		Sample Delivery Group	480-109026-1	480-109026-1	480-109026-1	480-109026-1	480-109026-1
Units	Method	Parameter Name					
mg/L	SW6010	Aluminum	0.24	0.066 J	0.20 U	0.20 U	
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U	0.020 U	
mg/L	SW6010	Arsenic	0.13	0.11	0.015 U	0.040	
mg/L	SW6010	Barium	0.043	0.013	0.041	0.035	
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U	0.0020 U	
mg/L	SW6010	Cadmium	0.0021	0.0014 J	0.0013 J	0.0020 U	
mg/L	SW6010	Calcium	420	283	122	486	
mg/L	SW6010	Chromium	0.0011 J	0.0040 U	0.0010 J	0.0016 J	
mg/L	SW6010	Cobalt	0.0090	0.0040 U	0.0014 J	0.0030 J	
mg/L	SW6010	Copper	0.015	0.010 U	0.0030 J	0.010 U	
mg/L	SW6010	Iron	118	66.8	2.0	13.6	
mg/L	SW6010	Lead	0.0086 J	0.0058 J	0.010 U	0.0051 J	
mg/L	SW6010	Magnesium	55.2	17.2	17.0	191	
mg/L	SW6010	Manganese	2.0	0.36	0.22	1.5	
mg/L	SW6010	Nickel	0.020	0.0036 J	0.022	0.0047 J	
mg/L	SW6010	Potassium	15.8	77.5	7.7	11.8	
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U	0.025 U	
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U	0.0060 U	
mg/L	SW6010	Sodium	106	128	22.6	2310	
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U	0.020 U	
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	0.0050 U	0.0050 U	
mg/L	SW6010	Zinc	0.45	0.026	0.035	0.0090 J	
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U	0.00020 U	
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	5.0 U	1.0 U	580	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	3.7	5.0 U	1.0 U	34	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	5.0 U	1.0 U	700	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	5.0 U	1.0 U	66	1.0 U

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-05A D_1116	BCC Area C PS-06_1116	BCC Area C RFI-20_1116	BCC Area C RFI-31_1116	TRIP BLANK_110316
		Location	PS-05A	PS-06	RFI-20	RFI-31	QC
		Sample Date	11/03/2016	11/03/2016	11/03/2016	11/03/2016	11/03/2016
		Sample Delivery Group	480-109026-1	480-109026-1	480-109026-1	480-109026-1	480-109026-1
Units	Method	Parameter Name					
µg/L	SW8260	2-Butanone (MEK)	10 U	50 U	10 U	250 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	25 U	5.0 U	130 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	25 U	5.0 U	130 U	5.0 U
µg/L	SW8260	Acetone	24	50 U	10 U	250 U	10 U
µg/L	SW8260	Benzene	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	Chlorobenzene	250	5.0 U	7.0	150	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	13 U	2.5 U	63 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	5.0 U	1.0 U	25 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	10 U	2.0 U	50 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.6 U	4.6 U	4.6 U	0.49 J	
µg/L	SW8270	2,4,6-Trichlorophenol	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	2,4-Dichlorophenol	4.6 U	4.6 U	4.6 U	2.1 J	

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-05A D_1116	BCC Area C PS-06_1116	BCC Area C RFI-20_1116	BCC Area C RFI-31_1116	TRIP BLANK_110316
		Location	PS-05A	PS-06	RFI-20	RFI-31	QC
		Sample Date	11/03/2016	11/03/2016	11/03/2016	11/03/2016	11/03/2016
		Sample Delivery Group	480-109026-1	480-109026-1	480-109026-1	480-109026-1	480-109026-1
Units	Method	Parameter Name					
µg/L	SW8270	2,4-Dimethylphenol	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	2,4-Dinitrophenol	9.3 U	9.3 U	9.2 U	9.2 U	
µg/L	SW8270	2,4-Dinitrotoluene	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	2,6-Dinitrotoluene	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	2-Chloronaphthalene	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	2-Chlorophenol	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	2-Methylnaphthalene	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	2-Methylphenol	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	2-Nitroaniline	9.3 U	9.3 U	9.2 U	9.2 U	
µg/L	SW8270	2-Nitrophenol	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	3,3'-Dichlorobenzidine	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	3-Nitroaniline	9.3 U	9.3 U	9.2 U	9.2 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.3 U	9.3 U	9.2 U	9.2 U	
µg/L	SW8270	4-Bromophenyl phenyl ether	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	4-Chloro-3-methylphenol	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	4-Chloroaniline	4.6 U	4.6 U	4.6 U	0.58 J	
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	4-Methylphenol	0.54 J	9.3 U	9.2 U	9.2 U	
µg/L	SW8270	4-Nitroaniline	9.3 U	9.3 U	9.2 U	9.2 U	
µg/L	SW8270	4-Nitrophenol	9.3 U	9.3 U	9.2 U	9.2 U	
µg/L	SW8270	Acenaphthene	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Acenaphthylene	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Acetophenone	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Aniline	9.3 UJ	9.3 UJ	9.2 UJ	9.2 UJ	
µg/L	SW8270	Anthracene	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Atrazine	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Benzaldehyde	4.6 UJ	4.6 U	4.6 U	4.6 UJ	
µg/L	SW8270	Benzo(a)anthracene	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Benzo(a)pyrene	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Benzo(b)fluoranthene	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Benzo(g,h,i)perylene	4.6 UJ	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Benzo(k)fluoranthene	4.6 UJ	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Biphenyl	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Bis(2-chloroethyl)ether	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.6 UJ	4.6 U	4.6 U	4.6 U	

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-05A D_1116	BCC Area C PS-06_1116	BCC Area C RFI-20_1116	BCC Area C RFI-31_1116	TRIP BLANK_110316
		Location	PS-05A	PS-06	RFI-20	RFI-31	QC
		Sample Date	11/03/2016	11/03/2016	11/03/2016	11/03/2016	11/03/2016
		Sample Delivery Group	480-109026-1	480-109026-1	480-109026-1	480-109026-1	480-109026-1
Units	Method	Parameter Name					
µg/L	SW8270	Butyl benzyl phthalate	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Caprolactam	4.6 UJ	4.6 UJ	4.6 UJ	4.6 UJ	
µg/L	SW8270	Carbazole	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Chrysene	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Di-n-butyl phthalate	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Di-n-octyl phthalate	4.6 UJ	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Dibenz(a,h)anthracene	4.6 UJ	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Dibenzofuran	9.3 U	9.3 U	9.2 U	9.2 U	
µg/L	SW8270	Diethyl phthalate	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Dimethyl phthalate	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Fluoranthene	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Fluorene	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Hexachlorobenzene	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Hexachlorobutadiene	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Hexachlorocyclopentadiene	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Hexachloroethane	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.6 UJ	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Isophorone	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	N-Nitrosodiphenylamine	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Naphthalene	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Nitrobenzene	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Pentachlorophenol	9.3 U	9.3 U	9.2 U	9.2 U	
µg/L	SW8270	Phenanthrene	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Phenol	4.6 U	4.6 U	4.6 U	4.6 U	
µg/L	SW8270	Pyrene	4.6 U	4.6 U	4.6 U	4.6 U	

Notes:
U = Undetected
J = Estimated

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

			Field Sample ID	BCC Area C MW-C04 0316
			Location	MW-C04
			Sample Date	03/30/2016
			Sample Delivery Group	480-97313-1
Units	**Method**	**Filtered**	**Parameter Name**	
mg/L	SW6010	Y	Aluminum	0.20 U
mg/L	SW6010	Y	Antimony	0.020 U
mg/L	SW6010	Y	Arsenic	0.015 U
mg/L	SW6010	Y	Barium	0.21
mg/L	SW6010	Y	Beryllium	0.0020 U
mg/L	SW6010	Y	Cadmium	0.0020 U
mg/L	SW6010	Y	Calcium	270
mg/L	SW6010	Y	Chromium	0.0040 U
mg/L	SW6010	Y	Cobalt	0.0040 U
mg/L	SW6010	Y	Copper	0.010 U
mg/L	SW6010	Y	Iron	12.2
mg/L	SW6010	Y	Lead	0.010 U
mg/L	SW6010	Y	Magnesium	37.3
mg/L	SW6010	Y	Manganese	1.4
mg/L	SW6010	Y	Nickel	0.010 U
mg/L	SW6010	Y	Potassium	8.3
mg/L	SW6010	Y	Selenium	0.025 U
mg/L	SW6010	Y	Silver	0.0060 U
mg/L	SW6010	Y	Sodium	40.7
mg/L	SW6010	Y	Thallium	0.020 U
mg/L	SW6010	Y	Vanadium	0.0050 U
mg/L	SW6010	Y	Zinc	0.010 U
mg/L	SW7470	Y	Mercury	0.00020 U

Notes:
U = Undetected
J = Estimated

Prepared by: Sandhyasree 01/09/2017
Reviewed by: Suresh 01/09/2017

ATTACHMENT E

GROUNDWATER ANALYTICAL REPORTS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-97313-1
Client Project/Site: Buffalo Color Area C Wells
Sampling Event: Buffalo Color Area C Wells

For:
Ontario Specialty Contracting, Inc.
333 Ganson St.
Buffalo, New York 14203

Attn: Andrew Madden

Authorized for release by:
4/7/2016 10:41:59 AM
Rebecca Jones, Project Management Assistant I
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Designee for

John Schove, Project Manager II
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john.schove@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-97313-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-97313-1

Comments
No additional comments.

Receipt
The samples were received on 3/30/2016 3:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.6º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-294058 recovered outside acceptance criteria, low biased, for 1,1,2-Trichloro-1,2,2-trifluoroethane, Carbon disulfide, and Cyclohexane. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detect for these analytes, the data have been reported.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-294058 recovered above the upper control limit for Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples are impacted: BCC Area C MW-C01 0316 (480-97313-1) and BCC Area C PS-04 0316 (480-97313-3).

Method(s) 8260C: The laboratory control sample (LCS) for analytical batch 480-294058 recovered outside control limits for the following analyte: Dichlorodifluoromethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-294161 recovered above the upper control limit for 2-Butanone, Chloromethane, Dichlorodifluoromethane and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: BCC Area C RFI-31 0316 (480-97313-2).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-294161 recovered outside acceptance criteria, low biased, for 1,1-Dichloroethene and Cyclohexane. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detects for these analytes, the data have been reported. The following sample is impacted: BCC Area C RFI-31 0316 (480-97313-2).

Method(s) 8260C: The laboratory control sample (LCS) for batch analytical batch 480-294161 recovered outside control limits for the following analyte: Dichlorodifluoromethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. The following sample is impacted: BCC Area C RFI-31 0316 (480-97313-2).

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area C RFI-31 0316 (480-97313-2). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area C MW-C04 0316 (480-97313-4) and BCC Area C PS-05A 0316 (480-97313-6). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following volatiles samples was diluted due to foaming at the time of purging during the original sample analysis: BCC Area C PS-06 0316 (480-97313-7), BCC Area C PS-06 MS 0316 (480-97313-7[MS]), BCC Area C PS-06 MSD 0316 (480-97313-7[MSD]) and BCC Area C PS-06 D 0316 (480-97313-8). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-294165 recovered above the upper control limit for Acetone and 2-Butanone (MEK). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data has been reported. The following samples are impacted: BCC Area C MW-C04 0316 (480-97313-4), BCC Area C RFI-20 0316 (480-97313-5), BCC Area C PS-05A 0316 (480-97313-6), BCC Area C PS-06 0316 (480-97313-7), BCC Area C PS-06 D 0316 (480-97313-8) and TRIP BLANK (480-97313-9).

Method(s) 8260C: The laboratory control sample (LCS) for batch analytical batch 480-294165 recovered outside control limits for the

Job ID: 480-97313-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

following analytes: Acetone. This analyte was biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported BCC Area C MW-C04 0316 (480-97313-4), BCC Area C RFI-20 0316 (480-97313-5), BCC Area C PS-05A 0316 (480-97313-6), BCC Area C PS-06 0316 (480-97313-7), BCC Area C PS-06 D 0316 (480-97313-8) and TRIP BLANK (480-97313-9) .

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-293682 recovered above the upper control limit for 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: BCC Area C MW-C01 0316 (480-97313-1), BCC Area C RFI-31 0316 (480-97313-2), BCC Area C PS-04 0316 (480-97313-3), BCC Area C MW-C04 0316 (480-97313-4), BCC Area C RFI-20 0316 (480-97313-5) and BCC Area C PS-05A 0316 (480-97313-6).

Method(s) 8270D: The continuing calibration verification (CCV) analyzed in batch 480-293682 was outside the method criteria for the following analytes: Bis(2-chloroethoxy)methane and N-Nitrosodi-n-propylamine. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes are considered estimated.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-293786 recovered above the upper control limit for 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: BCC Area C PS-06 0316 (480-97313-7), BCC Area C PS-06 MS 0316 (480-97313-7[MS]), BCC Area C PS-06 MSD 0316 (480-97313-7[MSD]) and BCC Area C PS-06 D 0316 (480-97313-8).

Method(s) 8270D: The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 480-293786 was outside criteria for the following analyte(s): Bis(2-chloroethoxy)methane and N-Nitrosodi-n-propylamine. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method(s) 6010C: The Low Level Continuing Calibration Verification (CCVL 480-293852/29) contained Total Iron outside the control limits. The reported samples BCC Area C RFI-31 0316 (480-97313-2), BCC Area C MW-C04 0316 (480-97313-4), BCC Area C RFI-20 0316 (480-97313-5), BCC Area C PS-05A 0316 (480-97313-6), BCC Area C PS-06 0316 (480-97313-7), BCC Area C PS-06 MS 0316 (480-97313-7[MS]), (LCS 480-293429/2-A), (480-97313-C-7-D PDS) and (480-97313-C-7-D SD ^) associated with this CCVL were either below the laboratory's standard reporting limit for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples was not performed.

Method(s) 6010C: The Continuing Calibration Blank (CCB 480-293852/40) contained Total Iron above the reporting limit (RL). All reported samples BCC Area C RFI-31 0316 (480-97313-2), BCC Area C MW-C04 0316 (480-97313-4), BCC Area C RFI-20 0316 (480-97313-5), BCC Area C PS-05A 0316 (480-97313-6), BCC Area C PS-06 0316 (480-97313-7), BCC Area C PS-06 MS 0316 (480-97313-7[MS]), BCC Area C PS-06 MSD 0316 (480-97313-7[MSD]), BCC Area C PS-06 D 0316 (480-97313-8), BCC Area C MW-C04F 0316 (480-97313-10), (480-97313-C-7-D PDS) and (480-97313-C-7-D SD ^) associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C MW-C01 0316 — Lab Sample ID: 480-97313-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aniline	1.1	J	9.4	0.57	ug/L	1		8270D	Total/NA
Di-n-octyl phthalate	0.56	J	4.7	0.44	ug/L	1		8270D	Total/NA
Aluminum	0.75		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0070	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.083		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	116		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0033	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0079	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.67		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0085	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	16.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.022		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0019	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	29.0		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	258		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0016	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.039		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C RFI-31 0316 — Lab Sample ID: 480-97313-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	100		2.0	0.82	ug/L	2		8260C	Total/NA
1,2-Dichlorobenzene	4.4		2.0	1.6	ug/L	2		8260C	Total/NA
1,3-Dichlorobenzene	120		2.0	1.6	ug/L	2		8260C	Total/NA
1,4-Dichlorobenzene	14		2.0	1.7	ug/L	2		8260C	Total/NA
Chlorobenzene	4.5		2.0	1.5	ug/L	2		8260C	Total/NA
Chloromethane	1.9	J	2.0	0.70	ug/L	2		8260C	Total/NA
2,4-Dichlorophenol	1.4	J	4.7	0.48	ug/L	1		8270D	Total/NA
Aniline	0.63	J	9.4	0.57	ug/L	1		8270D	Total/NA
Arsenic	0.019		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.031		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	466		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0012	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0023	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	4.7	^	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0045	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	176		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.5		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0037	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	12.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	2340		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0059	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-04 0316 — Lab Sample ID: 480-97313-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.067		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0091		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	272		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.012		0.0040	0.00063	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C PS-04 0316 (Continued) — Lab Sample ID: 480-97313-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.024		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.077		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0056	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	40.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.013		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.11		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	8.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	31.1		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.61		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C MW-C04 0316 — Lab Sample ID: 480-97313-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Dichlorobenzene	21		10	7.8	ug/L	10		8260C	Total/NA
1,4-Dichlorobenzene	34		10	8.4	ug/L	10		8260C	Total/NA
Chlorobenzene	260		10	7.5	ug/L	10		8260C	Total/NA
2-Chlorophenol	1.2	J	4.7	0.50	ug/L	1		8270D	Total/NA
Aniline	0.62	J	9.3	0.57	ug/L	1		8270D	Total/NA
Naphthalene	1.4	J	4.7	0.71	ug/L	1		8270D	Total/NA
N-Nitrosodiphenylamine	0.64	J	4.7	0.48	ug/L	1		8270D	Total/NA
Barium	0.21		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	270		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	11.9	^	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0034	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	36.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.4		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	8.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	40.4		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C RFI-20 0316 — Lab Sample ID: 480-97313-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.43	J	1.0	0.41	ug/L	1		8260C	Total/NA
Chlorobenzene	35		1.0	0.75	ug/L	1		8260C	Total/NA
Arsenic	0.024		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.056		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	267		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	13.1	^	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	21.5		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.37		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0019	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	8.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	28.6		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-05A 0316 — Lab Sample ID: 480-97313-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	180		5.0	3.8	ug/L	5		8260C	Total/NA
2-Chlorophenol	3.0	J	4.7	0.50	ug/L	1		8270D	Total/NA
Arsenic	0.074		0.015	0.0056	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C PS-05A 0316 (Continued) — Lab Sample ID: 480-97313-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.030		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	284		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	18.1	^	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	25.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.33		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0021	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	12.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	105		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.011		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-06 0316 — Lab Sample ID: 480-97313-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.3	J	5.0	2.2	ug/L	5		8260C	Total/NA
Benzaldehyde	0.29	J	4.7	0.25	ug/L	1		8270D	Total/NA
Arsenic	0.073		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.0094		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	244		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	55.1	^	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	14.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.25		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	70.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	84.7		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0038	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-06 D 0316 — Lab Sample ID: 480-97313-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.3	J	4.0	1.8	ug/L	4		8260C	Total/NA
Benzaldehyde	0.31	J	4.7	0.25	ug/L	1		8270D	Total/NA
Arsenic	0.069		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.0092		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	236		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	53.9	^	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	14.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.24		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	68.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	82.7		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0033	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-97313-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	0.93	J	1.0	0.75	ug/L	1		8260C	Total/NA

Client Sample ID: BCC Area C MW-C04F 0316 — Lab Sample ID: 480-97313-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.21		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	270		0.50	0.10	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C MW-C04F 0316 (Continued) — Lab Sample ID: 480-97313-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	12.2	^	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	37.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.4		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	8.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	40.7		1.0	0.32	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C MW-C01 0316

Lab Sample ID: 480-97313-1

Date Collected: 03/30/16 13:00

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/05/16 18:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/05/16 18:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/05/16 18:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/05/16 18:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/05/16 18:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/05/16 18:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/05/16 18:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/05/16 18:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/05/16 18:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/05/16 18:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/05/16 18:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/05/16 18:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/05/16 18:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/05/16 18:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/05/16 18:57	1
2-Hexanone	ND		5.0	1.2	ug/L			04/05/16 18:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/05/16 18:57	1
Acetone	ND		10	3.0	ug/L			04/05/16 18:57	1
Benzene	ND		1.0	0.41	ug/L			04/05/16 18:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/05/16 18:57	1
Bromoform	ND		1.0	0.26	ug/L			04/05/16 18:57	1
Bromomethane	ND		1.0	0.69	ug/L			04/05/16 18:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/05/16 18:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/05/16 18:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/05/16 18:57	1
Chloroethane	ND		1.0	0.32	ug/L			04/05/16 18:57	1
Chloroform	ND		1.0	0.34	ug/L			04/05/16 18:57	1
Chloromethane	ND		1.0	0.35	ug/L			04/05/16 18:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/05/16 18:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/05/16 18:57	1
Cyclohexane	ND		1.0	0.18	ug/L			04/05/16 18:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/05/16 18:57	1
Dichlorodifluoromethane	ND	*	1.0	0.68	ug/L			04/05/16 18:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/05/16 18:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/05/16 18:57	1
Methyl acetate	ND		2.5	1.3	ug/L			04/05/16 18:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/05/16 18:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/05/16 18:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/05/16 18:57	1
Styrene	ND		1.0	0.73	ug/L			04/05/16 18:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/05/16 18:57	1
Toluene	ND		1.0	0.51	ug/L			04/05/16 18:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/05/16 18:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/05/16 18:57	1
Trichloroethene	ND		1.0	0.46	ug/L			04/05/16 18:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/05/16 18:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/05/16 18:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/05/16 18:57	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C MW-C01 0316

Lab Sample ID: 480-97313-1

Date Collected: 03/30/16 13:00
Matrix: Ground Water
Date Received: 03/30/16 15:40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*04/05/16 18:57*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*04/05/16 18:57*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*04/05/16 18:57*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*		*04/05/16 18:57*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		03/31/16 08:17	04/01/16 16:49	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		03/31/16 08:17	04/01/16 16:49	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		03/31/16 08:17	04/01/16 16:49	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/31/16 08:17	04/01/16 16:49	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		03/31/16 08:17	04/01/16 16:49	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		03/31/16 08:17	04/01/16 16:49	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 16:49	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		03/31/16 08:17	04/01/16 16:49	1
2-Chlorophenol	ND		4.7	0.50	ug/L		03/31/16 08:17	04/01/16 16:49	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		03/31/16 08:17	04/01/16 16:49	1
2-Methylphenol	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 16:49	1
2-Nitroaniline	ND		9.4	0.39	ug/L		03/31/16 08:17	04/01/16 16:49	1
2-Nitrophenol	ND		4.7	0.45	ug/L		03/31/16 08:17	04/01/16 16:49	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 16:49	1
3-Nitroaniline	ND		9.4	0.45	ug/L		03/31/16 08:17	04/01/16 16:49	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		03/31/16 08:17	04/01/16 16:49	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		03/31/16 08:17	04/01/16 16:49	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		03/31/16 08:17	04/01/16 16:49	1
4-Chloroaniline	ND		4.7	0.55	ug/L		03/31/16 08:17	04/01/16 16:49	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/31/16 08:17	04/01/16 16:49	1
4-Methylphenol	ND		9.4	0.34	ug/L		03/31/16 08:17	04/01/16 16:49	1
4-Nitroaniline	ND		9.4	0.23	ug/L		03/31/16 08:17	04/01/16 16:49	1
4-Nitrophenol	ND		9.4	1.4	ug/L		03/31/16 08:17	04/01/16 16:49	1
Acenaphthene	ND		4.7	0.38	ug/L		03/31/16 08:17	04/01/16 16:49	1
Acenaphthylene	ND		4.7	0.36	ug/L		03/31/16 08:17	04/01/16 16:49	1
Acetophenone	ND		4.7	0.51	ug/L		03/31/16 08:17	04/01/16 16:49	1
Aniline	**1.1**	**J**	9.4	0.57	ug/L		03/31/16 08:17	04/01/16 16:49	1
Anthracene	ND		4.7	0.26	ug/L		03/31/16 08:17	04/01/16 16:49	1
Atrazine	ND		4.7	0.43	ug/L		03/31/16 08:17	04/01/16 16:49	1
Benzaldehyde	ND		4.7	0.25	ug/L		03/31/16 08:17	04/01/16 16:49	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/31/16 08:17	04/01/16 16:49	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		03/31/16 08:17	04/01/16 16:49	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/31/16 08:17	04/01/16 16:49	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		03/31/16 08:17	04/01/16 16:49	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		03/31/16 08:17	04/01/16 16:49	1
Biphenyl	ND		4.7	0.61	ug/L		03/31/16 08:17	04/01/16 16:49	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		03/31/16 08:17	04/01/16 16:49	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/31/16 08:17	04/01/16 16:49	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 16:49	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		03/31/16 08:17	04/01/16 16:49	1
Butyl benzyl phthalate	ND		4.7	0.39	ug/L		03/31/16 08:17	04/01/16 16:49	1
Caprolactam	ND		4.7	2.1	ug/L		03/31/16 08:17	04/01/16 16:49	1
Carbazole	ND		4.7	0.28	ug/L		03/31/16 08:17	04/01/16 16:49	1

Client Sample ID: BCC Area C MW-C01 0316

Lab Sample ID: 480-97313-1

Date Collected: 03/30/16 13:00

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		03/31/16 08:17	04/01/16 16:49	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		03/31/16 08:17	04/01/16 16:49	1
Dibenzofuran	ND		9.4	0.48	ug/L		03/31/16 08:17	04/01/16 16:49	1
Diethyl phthalate	ND		4.7	0.21	ug/L		03/31/16 08:17	04/01/16 16:49	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/31/16 08:17	04/01/16 16:49	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/31/16 08:17	04/01/16 16:49	1
Di-n-octyl phthalate	**0.56**	**J**	4.7	0.44	ug/L		03/31/16 08:17	04/01/16 16:49	1
Fluoranthene	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 16:49	1
Fluorene	ND		4.7	0.34	ug/L		03/31/16 08:17	04/01/16 16:49	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/31/16 08:17	04/01/16 16:49	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		03/31/16 08:17	04/01/16 16:49	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		03/31/16 08:17	04/01/16 16:49	1
Hexachloroethane	ND		4.7	0.55	ug/L		03/31/16 08:17	04/01/16 16:49	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		03/31/16 08:17	04/01/16 16:49	1
Isophorone	ND		4.7	0.40	ug/L		03/31/16 08:17	04/01/16 16:49	1
Naphthalene	ND		4.7	0.71	ug/L		03/31/16 08:17	04/01/16 16:49	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/31/16 08:17	04/01/16 16:49	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		03/31/16 08:17	04/01/16 16:49	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		03/31/16 08:17	04/01/16 16:49	1
Pentachlorophenol	ND		9.4	2.1	ug/L		03/31/16 08:17	04/01/16 16:49	1
Phenanthrene	ND		4.7	0.41	ug/L		03/31/16 08:17	04/01/16 16:49	1
Phenol	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 16:49	1
Pyrene	ND		4.7	0.32	ug/L		03/31/16 08:17	04/01/16 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*99*		*52 - 132*	*03/31/16 08:17*	*04/01/16 16:49*	*1*
2-Fluorobiphenyl	*69*		*48 - 120*	*03/31/16 08:17*	*04/01/16 16:49*	*1*
2-Fluorophenol	*47*		*20 - 120*	*03/31/16 08:17*	*04/01/16 16:49*	*1*
Nitrobenzene-d5	*71*		*46 - 120*	*03/31/16 08:17*	*04/01/16 16:49*	*1*
Phenol-d5	*31*		*16 - 120*	*03/31/16 08:17*	*04/01/16 16:49*	*1*
p-Terphenyl-d14	*82*		*67 - 150*	*03/31/16 08:17*	*04/01/16 16:49*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.75**		0.20	0.060	mg/L		03/31/16 11:35	04/04/16 14:11	1
Antimony	ND		0.020	0.0068	mg/L		03/31/16 11:35	04/04/16 14:11	1
Arsenic	**0.0070**	**J**	0.015	0.0056	mg/L		03/31/16 11:35	04/04/16 14:11	1
Barium	**0.083**		0.0020	0.00070	mg/L		03/31/16 11:35	04/04/16 14:11	1
Beryllium	ND		0.0020	0.00030	mg/L		03/31/16 11:35	04/04/16 14:11	1
Cadmium	ND		0.0020	0.00050	mg/L		03/31/16 11:35	04/04/16 14:11	1
Calcium	**116**		0.50	0.10	mg/L		03/31/16 11:35	04/04/16 14:11	1
Chromium	**0.0033**	**J**	0.0040	0.0010	mg/L		03/31/16 11:35	04/04/16 14:11	1
Cobalt	ND		0.0040	0.00063	mg/L		03/31/16 11:35	04/04/16 14:11	1
Copper	**0.0079**	**J**	0.010	0.0016	mg/L		03/31/16 11:35	04/04/16 14:11	1
Iron	**0.67**		0.050	0.019	mg/L		03/31/16 11:35	04/04/16 14:11	1
Lead	**0.0085**	**J**	0.010	0.0030	mg/L		03/31/16 11:35	04/04/16 14:11	1
Magnesium	**16.0**		0.20	0.043	mg/L		03/31/16 11:35	04/04/16 14:11	1
Manganese	**0.022**		0.0030	0.00040	mg/L		03/31/16 11:35	04/04/16 14:11	1
Nickel	**0.0019**	**J**	0.010	0.0013	mg/L		03/31/16 11:35	04/04/16 14:11	1
Potassium	**29.0**		0.50	0.10	mg/L		03/31/16 11:35	04/04/16 14:11	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C MW-C01 0316

Lab Sample ID: 480-97313-1

Date Collected: 03/30/16 13:00

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/31/16 11:35	04/04/16 14:11	1
Silver	ND		0.0060	0.0017	mg/L		03/31/16 11:35	04/04/16 14:11	1
Sodium	**258**		1.0	0.32	mg/L		03/31/16 11:35	04/04/16 14:11	1
Thallium	ND		0.020	0.010	mg/L		03/31/16 11:35	04/04/16 14:11	1
Vanadium	**0.0016**	**J**	0.0050	0.0015	mg/L		03/31/16 11:35	04/04/16 14:11	1
Zinc	**0.039**		0.010	0.0015	mg/L		03/31/16 11:35	04/04/16 14:11	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/31/16 08:30	03/31/16 12:33	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C RFI-31 0316

Lab Sample ID: 480-97313-2

Date Collected: 03/30/16 11:10

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			04/06/16 08:29	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			04/06/16 08:29	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			04/06/16 08:29	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			04/06/16 08:29	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			04/06/16 08:29	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			04/06/16 08:29	2
1,2,4-Trichlorobenzene	**100**		2.0	0.82	ug/L			04/06/16 08:29	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			04/06/16 08:29	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			04/06/16 08:29	2
1,2-Dichlorobenzene	**4.4**		2.0	1.6	ug/L			04/06/16 08:29	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			04/06/16 08:29	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			04/06/16 08:29	2
1,3-Dichlorobenzene	**120**		2.0	1.6	ug/L			04/06/16 08:29	2
1,4-Dichlorobenzene	**14**		2.0	1.7	ug/L			04/06/16 08:29	2
2-Butanone (MEK)	ND		20	2.6	ug/L			04/06/16 08:29	2
2-Hexanone	ND		10	2.5	ug/L			04/06/16 08:29	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			04/06/16 08:29	2
Acetone	ND		20	6.0	ug/L			04/06/16 08:29	2
Benzene	ND		2.0	0.82	ug/L			04/06/16 08:29	2
Bromodichloromethane	ND		2.0	0.78	ug/L			04/06/16 08:29	2
Bromoform	ND		2.0	0.52	ug/L			04/06/16 08:29	2
Bromomethane	ND		2.0	1.4	ug/L			04/06/16 08:29	2
Carbon disulfide	ND		2.0	0.38	ug/L			04/06/16 08:29	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			04/06/16 08:29	2
Chlorobenzene	**4.5**		2.0	1.5	ug/L			04/06/16 08:29	2
Chloroethane	ND		2.0	0.64	ug/L			04/06/16 08:29	2
Chloroform	ND		2.0	0.68	ug/L			04/06/16 08:29	2
Chloromethane	**1.9**	**J**	2.0	0.70	ug/L			04/06/16 08:29	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			04/06/16 08:29	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			04/06/16 08:29	2
Cyclohexane	ND		2.0	0.36	ug/L			04/06/16 08:29	2
Dibromochloromethane	ND		2.0	0.64	ug/L			04/06/16 08:29	2
Dichlorodifluoromethane	ND	*	2.0	1.4	ug/L			04/06/16 08:29	2
Ethylbenzene	ND		2.0	1.5	ug/L			04/06/16 08:29	2
Isopropylbenzene	ND		2.0	1.6	ug/L			04/06/16 08:29	2
Methyl acetate	ND		5.0	2.6	ug/L			04/06/16 08:29	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			04/06/16 08:29	2
Methylcyclohexane	ND		2.0	0.32	ug/L			04/06/16 08:29	2
Methylene Chloride	ND		2.0	0.88	ug/L			04/06/16 08:29	2
Styrene	ND		2.0	1.5	ug/L			04/06/16 08:29	2
Tetrachloroethene	ND		2.0	0.72	ug/L			04/06/16 08:29	2
Toluene	ND		2.0	1.0	ug/L			04/06/16 08:29	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			04/06/16 08:29	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			04/06/16 08:29	2
Trichloroethene	ND		2.0	0.92	ug/L			04/06/16 08:29	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			04/06/16 08:29	2
Vinyl chloride	ND		2.0	1.8	ug/L			04/06/16 08:29	2
Xylenes, Total	ND		4.0	1.3	ug/L			04/06/16 08:29	2

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C RFI-31 0316

Lab Sample ID: 480-97313-2

Date Collected: 03/30/16 11:10
Matrix: Ground Water
Date Received: 03/30/16 15:40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*66 - 137*		*04/06/16 08:29*	*2*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*04/06/16 08:29*	*2*
Toluene-d8 (Surr)	*103*		*71 - 126*		*04/06/16 08:29*	*2*
Dibromofluoromethane (Surr)	*100*		*60 - 140*		*04/06/16 08:29*	*2*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		03/31/16 08:17	04/01/16 17:18	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		03/31/16 08:17	04/01/16 17:18	1
2,4-Dichlorophenol	**1.4**	**J**	4.7	0.48	ug/L		03/31/16 08:17	04/01/16 17:18	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/31/16 08:17	04/01/16 17:18	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		03/31/16 08:17	04/01/16 17:18	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		03/31/16 08:17	04/01/16 17:18	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 17:18	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		03/31/16 08:17	04/01/16 17:18	1
2-Chlorophenol	ND		4.7	0.50	ug/L		03/31/16 08:17	04/01/16 17:18	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		03/31/16 08:17	04/01/16 17:18	1
2-Methylphenol	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 17:18	1
2-Nitroaniline	ND		9.4	0.39	ug/L		03/31/16 08:17	04/01/16 17:18	1
2-Nitrophenol	ND		4.7	0.45	ug/L		03/31/16 08:17	04/01/16 17:18	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 17:18	1
3-Nitroaniline	ND		9.4	0.45	ug/L		03/31/16 08:17	04/01/16 17:18	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		03/31/16 08:17	04/01/16 17:18	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		03/31/16 08:17	04/01/16 17:18	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		03/31/16 08:17	04/01/16 17:18	1
4-Chloroaniline	ND		4.7	0.55	ug/L		03/31/16 08:17	04/01/16 17:18	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/31/16 08:17	04/01/16 17:18	1
4-Methylphenol	ND		9.4	0.34	ug/L		03/31/16 08:17	04/01/16 17:18	1
4-Nitroaniline	ND		9.4	0.23	ug/L		03/31/16 08:17	04/01/16 17:18	1
4-Nitrophenol	ND		9.4	1.4	ug/L		03/31/16 08:17	04/01/16 17:18	1
Acenaphthene	ND		4.7	0.38	ug/L		03/31/16 08:17	04/01/16 17:18	1
Acenaphthylene	ND		4.7	0.36	ug/L		03/31/16 08:17	04/01/16 17:18	1
Acetophenone	ND		4.7	0.51	ug/L		03/31/16 08:17	04/01/16 17:18	1
Aniline	**0.63**	**J**	9.4	0.57	ug/L		03/31/16 08:17	04/01/16 17:18	1
Anthracene	ND		4.7	0.26	ug/L		03/31/16 08:17	04/01/16 17:18	1
Atrazine	ND		4.7	0.43	ug/L		03/31/16 08:17	04/01/16 17:18	1
Benzaldehyde	ND		4.7	0.25	ug/L		03/31/16 08:17	04/01/16 17:18	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/31/16 08:17	04/01/16 17:18	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		03/31/16 08:17	04/01/16 17:18	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/31/16 08:17	04/01/16 17:18	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		03/31/16 08:17	04/01/16 17:18	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		03/31/16 08:17	04/01/16 17:18	1
Biphenyl	ND		4.7	0.61	ug/L		03/31/16 08:17	04/01/16 17:18	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		03/31/16 08:17	04/01/16 17:18	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/31/16 08:17	04/01/16 17:18	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 17:18	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		03/31/16 08:17	04/01/16 17:18	1
Butyl benzyl phthalate	ND		4.7	0.39	ug/L		03/31/16 08:17	04/01/16 17:18	1
Caprolactam	ND		4.7	2.1	ug/L		03/31/16 08:17	04/01/16 17:18	1
Carbazole	ND		4.7	0.28	ug/L		03/31/16 08:17	04/01/16 17:18	1

Client Sample ID: BCC Area C RFI-31 0316

Lab Sample ID: 480-97313-2

Date Collected: 03/30/16 11:10

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		03/31/16 08:17	04/01/16 17:18	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		03/31/16 08:17	04/01/16 17:18	1
Dibenzofuran	ND		9.4	0.48	ug/L		03/31/16 08:17	04/01/16 17:18	1
Diethyl phthalate	ND		4.7	0.21	ug/L		03/31/16 08:17	04/01/16 17:18	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/31/16 08:17	04/01/16 17:18	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/31/16 08:17	04/01/16 17:18	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		03/31/16 08:17	04/01/16 17:18	1
Fluoranthene	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 17:18	1
Fluorene	ND		4.7	0.34	ug/L		03/31/16 08:17	04/01/16 17:18	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/31/16 08:17	04/01/16 17:18	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		03/31/16 08:17	04/01/16 17:18	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		03/31/16 08:17	04/01/16 17:18	1
Hexachloroethane	ND		4.7	0.55	ug/L		03/31/16 08:17	04/01/16 17:18	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		03/31/16 08:17	04/01/16 17:18	1
Isophorone	ND		4.7	0.40	ug/L		03/31/16 08:17	04/01/16 17:18	1
Naphthalene	ND		4.7	0.71	ug/L		03/31/16 08:17	04/01/16 17:18	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/31/16 08:17	04/01/16 17:18	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		03/31/16 08:17	04/01/16 17:18	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		03/31/16 08:17	04/01/16 17:18	1
Pentachlorophenol	ND		9.4	2.1	ug/L		03/31/16 08:17	04/01/16 17:18	1
Phenanthrene	ND		4.7	0.41	ug/L		03/31/16 08:17	04/01/16 17:18	1
Phenol	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 17:18	1
Pyrene	ND		4.7	0.32	ug/L		03/31/16 08:17	04/01/16 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*123*		*52 - 132*	*03/31/16 08:17*	*04/01/16 17:18*	*1*
2-Fluorobiphenyl	*53*		*48 - 120*	*03/31/16 08:17*	*04/01/16 17:18*	*1*
2-Fluorophenol	*58*		*20 - 120*	*03/31/16 08:17*	*04/01/16 17:18*	*1*
Nitrobenzene-d5	*83*		*46 - 120*	*03/31/16 08:17*	*04/01/16 17:18*	*1*
Phenol-d5	*40*		*16 - 120*	*03/31/16 08:17*	*04/01/16 17:18*	*1*
p-Terphenyl-d14	*84*		*67 - 150*	*03/31/16 08:17*	*04/01/16 17:18*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/31/16 11:35	04/01/16 15:42	1
Antimony	ND		0.020	0.0068	mg/L		03/31/16 11:35	04/01/16 15:42	1
Arsenic	**0.019**		0.015	0.0056	mg/L		03/31/16 11:35	04/01/16 15:42	1
Barium	**0.031**		0.0020	0.00070	mg/L		03/31/16 11:35	04/01/16 15:42	1
Beryllium	ND		0.0020	0.00030	mg/L		03/31/16 11:35	04/01/16 15:42	1
Cadmium	ND		0.0020	0.00050	mg/L		03/31/16 11:35	04/01/16 15:42	1
Calcium	**466**		0.50	0.10	mg/L		03/31/16 11:35	04/01/16 15:42	1
Chromium	**0.0012**	**J**	0.0040	0.0010	mg/L		03/31/16 11:35	04/01/16 15:42	1
Cobalt	**0.0023**	**J**	0.0040	0.00063	mg/L		03/31/16 11:35	04/01/16 15:42	1
Copper	ND		0.010	0.0016	mg/L		03/31/16 11:35	04/01/16 15:42	1
Iron	**4.7**	**^**	0.050	0.019	mg/L		03/31/16 11:35	04/01/16 15:42	1
Lead	**0.0045**	**J**	0.010	0.0030	mg/L		03/31/16 11:35	04/01/16 15:42	1
Magnesium	**176**		0.20	0.043	mg/L		03/31/16 11:35	04/01/16 15:42	1
Manganese	**1.5**		0.0030	0.00040	mg/L		03/31/16 11:35	04/01/16 15:42	1
Nickel	**0.0037**	**J**	0.010	0.0013	mg/L		03/31/16 11:35	04/01/16 15:42	1
Potassium	**12.5**		0.50	0.10	mg/L		03/31/16 11:35	04/01/16 15:42	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C RFI-31 0316

Lab Sample ID: 480-97313-2

Date Collected: 03/30/16 11:10

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/31/16 11:35	04/01/16 15:42	1
Silver	ND		0.0060	0.0017	mg/L		03/31/16 11:35	04/01/16 15:42	1
Sodium	**2340**		1.0	0.32	mg/L		03/31/16 11:35	04/01/16 15:42	1
Thallium	ND		0.020	0.010	mg/L		03/31/16 11:35	04/01/16 15:42	1
Vanadium	ND		0.0050	0.0015	mg/L		03/31/16 11:35	04/01/16 15:42	1
Zinc	**0.0059**	**J**	0.010	0.0015	mg/L		03/31/16 11:35	04/01/16 15:42	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/31/16 08:30	03/31/16 12:34	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C PS-04 0316

Lab Sample ID: 480-97313-3

Date Collected: 03/29/16 14:30

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/05/16 19:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/05/16 19:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/05/16 19:51	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/05/16 19:51	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/05/16 19:51	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/05/16 19:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/05/16 19:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/05/16 19:51	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/05/16 19:51	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/05/16 19:51	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/05/16 19:51	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/05/16 19:51	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/05/16 19:51	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/05/16 19:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/05/16 19:51	1
2-Hexanone	ND		5.0	1.2	ug/L			04/05/16 19:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/05/16 19:51	1
Acetone	ND		10	3.0	ug/L			04/05/16 19:51	1
Benzene	ND		1.0	0.41	ug/L			04/05/16 19:51	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/05/16 19:51	1
Bromoform	ND		1.0	0.26	ug/L			04/05/16 19:51	1
Bromomethane	ND		1.0	0.69	ug/L			04/05/16 19:51	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/05/16 19:51	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/05/16 19:51	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/05/16 19:51	1
Chloroethane	ND		1.0	0.32	ug/L			04/05/16 19:51	1
Chloroform	ND		1.0	0.34	ug/L			04/05/16 19:51	1
Chloromethane	ND		1.0	0.35	ug/L			04/05/16 19:51	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/05/16 19:51	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/05/16 19:51	1
Cyclohexane	ND		1.0	0.18	ug/L			04/05/16 19:51	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/05/16 19:51	1
Dichlorodifluoromethane	ND	*	1.0	0.68	ug/L			04/05/16 19:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/05/16 19:51	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/05/16 19:51	1
Methyl acetate	ND		2.5	1.3	ug/L			04/05/16 19:51	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/05/16 19:51	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/05/16 19:51	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/05/16 19:51	1
Styrene	ND		1.0	0.73	ug/L			04/05/16 19:51	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/05/16 19:51	1
Toluene	ND		1.0	0.51	ug/L			04/05/16 19:51	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/05/16 19:51	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/05/16 19:51	1
Trichloroethene	ND		1.0	0.46	ug/L			04/05/16 19:51	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/05/16 19:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/05/16 19:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/05/16 19:51	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C PS-04 0316

Lab Sample ID: 480-97313-3

Date Collected: 03/29/16 14:30
Matrix: Ground Water
Date Received: 03/30/16 15:40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*04/05/16 19:51*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*04/05/16 19:51*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*04/05/16 19:51*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*		*04/05/16 19:51*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		03/31/16 08:17	04/01/16 17:47	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		03/31/16 08:17	04/01/16 17:47	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		03/31/16 08:17	04/01/16 17:47	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/31/16 08:17	04/01/16 17:47	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		03/31/16 08:17	04/01/16 17:47	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		03/31/16 08:17	04/01/16 17:47	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 17:47	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		03/31/16 08:17	04/01/16 17:47	1
2-Chlorophenol	ND		4.7	0.50	ug/L		03/31/16 08:17	04/01/16 17:47	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		03/31/16 08:17	04/01/16 17:47	1
2-Methylphenol	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 17:47	1
2-Nitroaniline	ND		9.4	0.39	ug/L		03/31/16 08:17	04/01/16 17:47	1
2-Nitrophenol	ND		4.7	0.45	ug/L		03/31/16 08:17	04/01/16 17:47	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 17:47	1
3-Nitroaniline	ND		9.4	0.45	ug/L		03/31/16 08:17	04/01/16 17:47	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		03/31/16 08:17	04/01/16 17:47	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		03/31/16 08:17	04/01/16 17:47	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		03/31/16 08:17	04/01/16 17:47	1
4-Chloroaniline	ND		4.7	0.55	ug/L		03/31/16 08:17	04/01/16 17:47	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/31/16 08:17	04/01/16 17:47	1
4-Methylphenol	ND		9.4	0.34	ug/L		03/31/16 08:17	04/01/16 17:47	1
4-Nitroaniline	ND		9.4	0.23	ug/L		03/31/16 08:17	04/01/16 17:47	1
4-Nitrophenol	ND		9.4	1.4	ug/L		03/31/16 08:17	04/01/16 17:47	1
Acenaphthene	ND		4.7	0.38	ug/L		03/31/16 08:17	04/01/16 17:47	1
Acenaphthylene	ND		4.7	0.36	ug/L		03/31/16 08:17	04/01/16 17:47	1
Acetophenone	ND		4.7	0.51	ug/L		03/31/16 08:17	04/01/16 17:47	1
Aniline	ND		9.4	0.57	ug/L		03/31/16 08:17	04/01/16 17:47	1
Anthracene	ND		4.7	0.26	ug/L		03/31/16 08:17	04/01/16 17:47	1
Atrazine	ND		4.7	0.43	ug/L		03/31/16 08:17	04/01/16 17:47	1
Benzaldehyde	ND		4.7	0.25	ug/L		03/31/16 08:17	04/01/16 17:47	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/31/16 08:17	04/01/16 17:47	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		03/31/16 08:17	04/01/16 17:47	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/31/16 08:17	04/01/16 17:47	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		03/31/16 08:17	04/01/16 17:47	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		03/31/16 08:17	04/01/16 17:47	1
Biphenyl	ND		4.7	0.61	ug/L		03/31/16 08:17	04/01/16 17:47	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		03/31/16 08:17	04/01/16 17:47	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/31/16 08:17	04/01/16 17:47	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 17:47	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		03/31/16 08:17	04/01/16 17:47	1
Butyl benzyl phthalate	ND		4.7	0.39	ug/L		03/31/16 08:17	04/01/16 17:47	1
Caprolactam	ND		4.7	2.1	ug/L		03/31/16 08:17	04/01/16 17:47	1
Carbazole	ND		4.7	0.28	ug/L		03/31/16 08:17	04/01/16 17:47	1

Client Sample ID: BCC Area C PS-04 0316

Lab Sample ID: 480-97313-3

Date Collected: 03/29/16 14:30

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		03/31/16 08:17	04/01/16 17:47	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		03/31/16 08:17	04/01/16 17:47	1
Dibenzofuran	ND		9.4	0.48	ug/L		03/31/16 08:17	04/01/16 17:47	1
Diethyl phthalate	ND		4.7	0.21	ug/L		03/31/16 08:17	04/01/16 17:47	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/31/16 08:17	04/01/16 17:47	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/31/16 08:17	04/01/16 17:47	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		03/31/16 08:17	04/01/16 17:47	1
Fluoranthene	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 17:47	1
Fluorene	ND		4.7	0.34	ug/L		03/31/16 08:17	04/01/16 17:47	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/31/16 08:17	04/01/16 17:47	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		03/31/16 08:17	04/01/16 17:47	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		03/31/16 08:17	04/01/16 17:47	1
Hexachloroethane	ND		4.7	0.55	ug/L		03/31/16 08:17	04/01/16 17:47	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		03/31/16 08:17	04/01/16 17:47	1
Isophorone	ND		4.7	0.40	ug/L		03/31/16 08:17	04/01/16 17:47	1
Naphthalene	ND		4.7	0.71	ug/L		03/31/16 08:17	04/01/16 17:47	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/31/16 08:17	04/01/16 17:47	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		03/31/16 08:17	04/01/16 17:47	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		03/31/16 08:17	04/01/16 17:47	1
Pentachlorophenol	ND		9.4	2.1	ug/L		03/31/16 08:17	04/01/16 17:47	1
Phenanthrene	ND		4.7	0.41	ug/L		03/31/16 08:17	04/01/16 17:47	1
Phenol	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 17:47	1
Pyrene	ND		4.7	0.32	ug/L		03/31/16 08:17	04/01/16 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*131*		*52 - 132*	*03/31/16 08:17*	*04/01/16 17:47*	*1*
2-Fluorobiphenyl	*102*		*48 - 120*	*03/31/16 08:17*	*04/01/16 17:47*	*1*
2-Fluorophenol	*72*		*20 - 120*	*03/31/16 08:17*	*04/01/16 17:47*	*1*
Nitrobenzene-d5	*108*		*46 - 120*	*03/31/16 08:17*	*04/01/16 17:47*	*1*
Phenol-d5	*47*		*16 - 120*	*03/31/16 08:17*	*04/01/16 17:47*	*1*
p-Terphenyl-d14	*102*		*67 - 150*	*03/31/16 08:17*	*04/01/16 17:47*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/31/16 11:35	04/04/16 14:15	1
Antimony	ND		0.020	0.0068	mg/L		03/31/16 11:35	04/04/16 14:15	1
Arsenic	ND		0.015	0.0056	mg/L		03/31/16 11:35	04/04/16 14:15	1
Barium	**0.067**		0.0020	0.00070	mg/L		03/31/16 11:35	04/04/16 14:15	1
Beryllium	ND		0.0020	0.00030	mg/L		03/31/16 11:35	04/04/16 14:15	1
Cadmium	**0.0091**		0.0020	0.00050	mg/L		03/31/16 11:35	04/04/16 14:15	1
Calcium	**272**		0.50	0.10	mg/L		03/31/16 11:35	04/04/16 14:15	1
Chromium	ND		0.0040	0.0010	mg/L		03/31/16 11:35	04/04/16 14:15	1
Cobalt	**0.012**		0.0040	0.00063	mg/L		03/31/16 11:35	04/04/16 14:15	1
Copper	**0.024**		0.010	0.0016	mg/L		03/31/16 11:35	04/04/16 14:15	1
Iron	**0.077**		0.050	0.019	mg/L		03/31/16 11:35	04/04/16 14:15	1
Lead	**0.0056**	**J**	0.010	0.0030	mg/L		03/31/16 11:35	04/04/16 14:15	1
Magnesium	**40.3**		0.20	0.043	mg/L		03/31/16 11:35	04/04/16 14:15	1
Manganese	**0.013**		0.0030	0.00040	mg/L		03/31/16 11:35	04/04/16 14:15	1
Nickel	**0.11**		0.010	0.0013	mg/L		03/31/16 11:35	04/04/16 14:15	1
Potassium	**8.8**		0.50	0.10	mg/L		03/31/16 11:35	04/04/16 14:15	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C PS-04 0316

Lab Sample ID: 480-97313-3

Date Collected: 03/29/16 14:30

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/31/16 11:35	04/04/16 14:15	1
Silver	ND		0.0060	0.0017	mg/L		03/31/16 11:35	04/04/16 14:15	1
Sodium	**31.1**		1.0	0.32	mg/L		03/31/16 11:35	04/04/16 14:15	1
Thallium	ND		0.020	0.010	mg/L		03/31/16 11:35	04/04/16 14:15	1
Vanadium	ND		0.0050	0.0015	mg/L		03/31/16 11:35	04/04/16 14:15	1
Zinc	**0.61**		0.010	0.0015	mg/L		03/31/16 11:35	04/04/16 14:15	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/31/16 08:30	03/31/16 12:36	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C MW-C04 0316

Lab Sample ID: 480-97313-4

Date Collected: 03/30/16 12:10

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			04/06/16 00:04	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			04/06/16 00:04	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			04/06/16 00:04	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			04/06/16 00:04	10
1,1-Dichloroethane	ND		10	3.8	ug/L			04/06/16 00:04	10
1,1-Dichloroethene	ND		10	2.9	ug/L			04/06/16 00:04	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			04/06/16 00:04	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			04/06/16 00:04	10
1,2-Dibromoethane	ND		10	7.3	ug/L			04/06/16 00:04	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			04/06/16 00:04	10
1,2-Dichloroethane	ND		10	2.1	ug/L			04/06/16 00:04	10
1,2-Dichloropropane	ND		10	7.2	ug/L			04/06/16 00:04	10
1,3-Dichlorobenzene	**21**		10	7.8	ug/L			04/06/16 00:04	10
1,4-Dichlorobenzene	**34**		10	8.4	ug/L			04/06/16 00:04	10
2-Butanone (MEK)	ND		100	13	ug/L			04/06/16 00:04	10
2-Hexanone	ND		50	12	ug/L			04/06/16 00:04	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			04/06/16 00:04	10
Acetone	ND	*	100	30	ug/L			04/06/16 00:04	10
Benzene	ND		10	4.1	ug/L			04/06/16 00:04	10
Bromodichloromethane	ND		10	3.9	ug/L			04/06/16 00:04	10
Bromoform	ND		10	2.6	ug/L			04/06/16 00:04	10
Bromomethane	ND		10	6.9	ug/L			04/06/16 00:04	10
Carbon disulfide	ND		10	1.9	ug/L			04/06/16 00:04	10
Carbon tetrachloride	ND		10	2.7	ug/L			04/06/16 00:04	10
Chlorobenzene	**260**		10	7.5	ug/L			04/06/16 00:04	10
Chloroethane	ND		10	3.2	ug/L			04/06/16 00:04	10
Chloroform	ND		10	3.4	ug/L			04/06/16 00:04	10
Chloromethane	ND		10	3.5	ug/L			04/06/16 00:04	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			04/06/16 00:04	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			04/06/16 00:04	10
Cyclohexane	ND		10	1.8	ug/L			04/06/16 00:04	10
Dibromochloromethane	ND		10	3.2	ug/L			04/06/16 00:04	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			04/06/16 00:04	10
Ethylbenzene	ND		10	7.4	ug/L			04/06/16 00:04	10
Isopropylbenzene	ND		10	7.9	ug/L			04/06/16 00:04	10
Methyl acetate	ND		25	13	ug/L			04/06/16 00:04	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			04/06/16 00:04	10
Methylcyclohexane	ND		10	1.6	ug/L			04/06/16 00:04	10
Methylene Chloride	ND		10	4.4	ug/L			04/06/16 00:04	10
Styrene	ND		10	7.3	ug/L			04/06/16 00:04	10
Tetrachloroethene	ND		10	3.6	ug/L			04/06/16 00:04	10
Toluene	ND		10	5.1	ug/L			04/06/16 00:04	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			04/06/16 00:04	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			04/06/16 00:04	10
Trichloroethene	ND		10	4.6	ug/L			04/06/16 00:04	10
Trichlorofluoromethane	ND		10	8.8	ug/L			04/06/16 00:04	10
Vinyl chloride	ND		10	9.0	ug/L			04/06/16 00:04	10
Xylenes, Total	ND		20	6.6	ug/L			04/06/16 00:04	10

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C MW-C04 0316

Lab Sample ID: 480-97313-4

Date Collected: 03/30/16 12:10
Matrix: Ground Water
Date Received: 03/30/16 15:40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*		*04/06/16 00:04*	*10*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*04/06/16 00:04*	*10*
Toluene-d8 (Surr)	*88*		*71 - 126*		*04/06/16 00:04*	*10*
Dibromofluoromethane (Surr)	*96*		*60 - 140*		*04/06/16 00:04*	*10*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		03/31/16 08:17	04/01/16 18:16	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		03/31/16 08:17	04/01/16 18:16	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		03/31/16 08:17	04/01/16 18:16	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/31/16 08:17	04/01/16 18:16	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		03/31/16 08:17	04/01/16 18:16	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		03/31/16 08:17	04/01/16 18:16	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 18:16	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		03/31/16 08:17	04/01/16 18:16	1
2-Chlorophenol	**1.2**	**J**	4.7	0.50	ug/L		03/31/16 08:17	04/01/16 18:16	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		03/31/16 08:17	04/01/16 18:16	1
2-Methylphenol	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 18:16	1
2-Nitroaniline	ND		9.3	0.39	ug/L		03/31/16 08:17	04/01/16 18:16	1
2-Nitrophenol	ND		4.7	0.45	ug/L		03/31/16 08:17	04/01/16 18:16	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 18:16	1
3-Nitroaniline	ND		9.3	0.45	ug/L		03/31/16 08:17	04/01/16 18:16	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.1	ug/L		03/31/16 08:17	04/01/16 18:16	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		03/31/16 08:17	04/01/16 18:16	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		03/31/16 08:17	04/01/16 18:16	1
4-Chloroaniline	ND		4.7	0.55	ug/L		03/31/16 08:17	04/01/16 18:16	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/31/16 08:17	04/01/16 18:16	1
4-Methylphenol	ND		9.3	0.34	ug/L		03/31/16 08:17	04/01/16 18:16	1
4-Nitroaniline	ND		9.3	0.23	ug/L		03/31/16 08:17	04/01/16 18:16	1
4-Nitrophenol	ND		9.3	1.4	ug/L		03/31/16 08:17	04/01/16 18:16	1
Acenaphthene	ND		4.7	0.38	ug/L		03/31/16 08:17	04/01/16 18:16	1
Acenaphthylene	ND		4.7	0.36	ug/L		03/31/16 08:17	04/01/16 18:16	1
Acetophenone	ND		4.7	0.50	ug/L		03/31/16 08:17	04/01/16 18:16	1
Aniline	**0.62**	**J**	9.3	0.57	ug/L		03/31/16 08:17	04/01/16 18:16	1
Anthracene	ND		4.7	0.26	ug/L		03/31/16 08:17	04/01/16 18:16	1
Atrazine	ND		4.7	0.43	ug/L		03/31/16 08:17	04/01/16 18:16	1
Benzaldehyde	ND		4.7	0.25	ug/L		03/31/16 08:17	04/01/16 18:16	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/31/16 08:17	04/01/16 18:16	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		03/31/16 08:17	04/01/16 18:16	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/31/16 08:17	04/01/16 18:16	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		03/31/16 08:17	04/01/16 18:16	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		03/31/16 08:17	04/01/16 18:16	1
Biphenyl	ND		4.7	0.61	ug/L		03/31/16 08:17	04/01/16 18:16	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		03/31/16 08:17	04/01/16 18:16	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/31/16 08:17	04/01/16 18:16	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 18:16	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		03/31/16 08:17	04/01/16 18:16	1
Butyl benzyl phthalate	ND		4.7	0.39	ug/L		03/31/16 08:17	04/01/16 18:16	1
Caprolactam	ND		4.7	2.1	ug/L		03/31/16 08:17	04/01/16 18:16	1
Carbazole	ND		4.7	0.28	ug/L		03/31/16 08:17	04/01/16 18:16	1

Client Sample ID: BCC Area C MW-C04 0316

Lab Sample ID: 480-97313-4

Date Collected: 03/30/16 12:10

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		03/31/16 08:17	04/01/16 18:16	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		03/31/16 08:17	04/01/16 18:16	1
Dibenzofuran	ND		9.3	0.48	ug/L		03/31/16 08:17	04/01/16 18:16	1
Diethyl phthalate	ND		4.7	0.21	ug/L		03/31/16 08:17	04/01/16 18:16	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/31/16 08:17	04/01/16 18:16	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/31/16 08:17	04/01/16 18:16	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		03/31/16 08:17	04/01/16 18:16	1
Fluoranthene	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 18:16	1
Fluorene	ND		4.7	0.34	ug/L		03/31/16 08:17	04/01/16 18:16	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/31/16 08:17	04/01/16 18:16	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		03/31/16 08:17	04/01/16 18:16	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		03/31/16 08:17	04/01/16 18:16	1
Hexachloroethane	ND		4.7	0.55	ug/L		03/31/16 08:17	04/01/16 18:16	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		03/31/16 08:17	04/01/16 18:16	1
Isophorone	ND		4.7	0.40	ug/L		03/31/16 08:17	04/01/16 18:16	1
Naphthalene	**1.4**	**J**	4.7	0.71	ug/L		03/31/16 08:17	04/01/16 18:16	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/31/16 08:17	04/01/16 18:16	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		03/31/16 08:17	04/01/16 18:16	1
N-Nitrosodiphenylamine	**0.64**	**J**	4.7	0.48	ug/L		03/31/16 08:17	04/01/16 18:16	1
Pentachlorophenol	ND		9.3	2.1	ug/L		03/31/16 08:17	04/01/16 18:16	1
Phenanthrene	ND		4.7	0.41	ug/L		03/31/16 08:17	04/01/16 18:16	1
Phenol	ND		4.7	0.36	ug/L		03/31/16 08:17	04/01/16 18:16	1
Pyrene	ND		4.7	0.32	ug/L		03/31/16 08:17	04/01/16 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*101*		*52 - 132*	*03/31/16 08:17*	*04/01/16 18:16*	*1*
2-Fluorobiphenyl	*74*		*48 - 120*	*03/31/16 08:17*	*04/01/16 18:16*	*1*
2-Fluorophenol	*55*		*20 - 120*	*03/31/16 08:17*	*04/01/16 18:16*	*1*
Nitrobenzene-d5	*83*		*46 - 120*	*03/31/16 08:17*	*04/01/16 18:16*	*1*
Phenol-d5	*36*		*16 - 120*	*03/31/16 08:17*	*04/01/16 18:16*	*1*
p-Terphenyl-d14	*70*		*67 - 150*	*03/31/16 08:17*	*04/01/16 18:16*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/31/16 11:35	04/01/16 15:49	1
Antimony	ND		0.020	0.0068	mg/L		03/31/16 11:35	04/01/16 15:49	1
Arsenic	ND		0.015	0.0056	mg/L		03/31/16 11:35	04/01/16 15:49	1
Barium	**0.21**		0.0020	0.00070	mg/L		03/31/16 11:35	04/01/16 15:49	1
Beryllium	ND		0.0020	0.00030	mg/L		03/31/16 11:35	04/01/16 15:49	1
Cadmium	ND		0.0020	0.00050	mg/L		03/31/16 11:35	04/01/16 15:49	1
Calcium	**270**		0.50	0.10	mg/L		03/31/16 11:35	04/01/16 15:49	1
Chromium	ND		0.0040	0.0010	mg/L		03/31/16 11:35	04/01/16 15:49	1
Cobalt	ND		0.0040	0.00063	mg/L		03/31/16 11:35	04/01/16 15:49	1
Copper	ND		0.010	0.0016	mg/L		03/31/16 11:35	04/01/16 15:49	1
Iron	**11.9**	**^**	0.050	0.019	mg/L		03/31/16 11:35	04/01/16 15:49	1
Lead	**0.0034**	**J**	0.010	0.0030	mg/L		03/31/16 11:35	04/01/16 15:49	1
Magnesium	**36.8**		0.20	0.043	mg/L		03/31/16 11:35	04/01/16 15:49	1
Manganese	**1.4**		0.0030	0.00040	mg/L		03/31/16 11:35	04/01/16 15:49	1
Nickel	ND		0.010	0.0013	mg/L		03/31/16 11:35	04/01/16 15:49	1
Potassium	**8.1**		0.50	0.10	mg/L		03/31/16 11:35	04/01/16 15:49	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C MW-C04 0316

Lab Sample ID: 480-97313-4

Date Collected: 03/30/16 12:10

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/31/16 11:35	04/01/16 15:49	1
Silver	ND		0.0060	0.0017	mg/L		03/31/16 11:35	04/01/16 15:49	1
Sodium	**40.4**		1.0	0.32	mg/L		03/31/16 11:35	04/01/16 15:49	1
Thallium	ND		0.020	0.010	mg/L		03/31/16 11:35	04/01/16 15:49	1
Vanadium	ND		0.0050	0.0015	mg/L		03/31/16 11:35	04/01/16 15:49	1
Zinc	ND		0.010	0.0015	mg/L		03/31/16 11:35	04/01/16 15:49	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/31/16 08:30	03/31/16 12:38	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C RFI-20 0316

Lab Sample ID: 480-97313-5

Date Collected: 03/30/16 08:50

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/06/16 00:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/06/16 00:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/06/16 00:28	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/06/16 00:28	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/06/16 00:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/06/16 00:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/06/16 00:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/06/16 00:28	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/06/16 00:28	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/06/16 00:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/06/16 00:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/06/16 00:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/06/16 00:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/06/16 00:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/06/16 00:28	1
2-Hexanone	ND		5.0	1.2	ug/L			04/06/16 00:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/06/16 00:28	1
Acetone	ND	*	10	3.0	ug/L			04/06/16 00:28	1
Benzene	**0.43**	**J**	1.0	0.41	ug/L			04/06/16 00:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/06/16 00:28	1
Bromoform	ND		1.0	0.26	ug/L			04/06/16 00:28	1
Bromomethane	ND		1.0	0.69	ug/L			04/06/16 00:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/06/16 00:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/06/16 00:28	1
Chlorobenzene	**35**		1.0	0.75	ug/L			04/06/16 00:28	1
Chloroethane	ND		1.0	0.32	ug/L			04/06/16 00:28	1
Chloroform	ND		1.0	0.34	ug/L			04/06/16 00:28	1
Chloromethane	ND		1.0	0.35	ug/L			04/06/16 00:28	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/06/16 00:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/06/16 00:28	1
Cyclohexane	ND		1.0	0.18	ug/L			04/06/16 00:28	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/06/16 00:28	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/06/16 00:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/06/16 00:28	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/06/16 00:28	1
Methyl acetate	ND		2.5	1.3	ug/L			04/06/16 00:28	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/06/16 00:28	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/06/16 00:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/06/16 00:28	1
Styrene	ND		1.0	0.73	ug/L			04/06/16 00:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/06/16 00:28	1
Toluene	ND		1.0	0.51	ug/L			04/06/16 00:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/06/16 00:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/06/16 00:28	1
Trichloroethene	ND		1.0	0.46	ug/L			04/06/16 00:28	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/06/16 00:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/06/16 00:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/06/16 00:28	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C RFI-20 0316

Lab Sample ID: 480-97313-5

Date Collected: 03/30/16 08:50
Matrix: Ground Water
Date Received: 03/30/16 15:40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*66 - 137*		*04/06/16 00:28*	*1*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*04/06/16 00:28*	*1*
Toluene-d8 (Surr)	*89*		*71 - 126*		*04/06/16 00:28*	*1*
Dibromofluoromethane (Surr)	*99*		*60 - 140*		*04/06/16 00:28*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.6	0.45	ug/L		03/31/16 08:17	04/01/16 18:45	1
2,4,6-Trichlorophenol	ND		4.6	0.57	ug/L		03/31/16 08:17	04/01/16 18:45	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		03/31/16 08:17	04/01/16 18:45	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		03/31/16 08:17	04/01/16 18:45	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		03/31/16 08:17	04/01/16 18:45	1
2,4-Dinitrotoluene	ND		4.6	0.42	ug/L		03/31/16 08:17	04/01/16 18:45	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		03/31/16 08:17	04/01/16 18:45	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		03/31/16 08:17	04/01/16 18:45	1
2-Chlorophenol	ND		4.6	0.49	ug/L		03/31/16 08:17	04/01/16 18:45	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		03/31/16 08:17	04/01/16 18:45	1
2-Methylphenol	ND		4.6	0.37	ug/L		03/31/16 08:17	04/01/16 18:45	1
2-Nitroaniline	ND		9.3	0.39	ug/L		03/31/16 08:17	04/01/16 18:45	1
2-Nitrophenol	ND		4.6	0.45	ug/L		03/31/16 08:17	04/01/16 18:45	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		03/31/16 08:17	04/01/16 18:45	1
3-Nitroaniline	ND		9.3	0.45	ug/L		03/31/16 08:17	04/01/16 18:45	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		03/31/16 08:17	04/01/16 18:45	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		03/31/16 08:17	04/01/16 18:45	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		03/31/16 08:17	04/01/16 18:45	1
4-Chloroaniline	ND		4.6	0.55	ug/L		03/31/16 08:17	04/01/16 18:45	1
4-Chlorophenyl phenyl ether	ND		4.6	0.33	ug/L		03/31/16 08:17	04/01/16 18:45	1
4-Methylphenol	ND		9.3	0.33	ug/L		03/31/16 08:17	04/01/16 18:45	1
4-Nitroaniline	ND		9.3	0.23	ug/L		03/31/16 08:17	04/01/16 18:45	1
4-Nitrophenol	ND		9.3	1.4	ug/L		03/31/16 08:17	04/01/16 18:45	1
Acenaphthene	ND		4.6	0.38	ug/L		03/31/16 08:17	04/01/16 18:45	1
Acenaphthylene	ND		4.6	0.35	ug/L		03/31/16 08:17	04/01/16 18:45	1
Acetophenone	ND		4.6	0.50	ug/L		03/31/16 08:17	04/01/16 18:45	1
Aniline	ND		9.3	0.57	ug/L		03/31/16 08:17	04/01/16 18:45	1
Anthracene	ND		4.6	0.26	ug/L		03/31/16 08:17	04/01/16 18:45	1
Atrazine	ND		4.6	0.43	ug/L		03/31/16 08:17	04/01/16 18:45	1
Benzaldehyde	ND		4.6	0.25	ug/L		03/31/16 08:17	04/01/16 18:45	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		03/31/16 08:17	04/01/16 18:45	1
Benzo(a)pyrene	ND		4.6	0.44	ug/L		03/31/16 08:17	04/01/16 18:45	1
Benzo(b)fluoranthene	ND		4.6	0.32	ug/L		03/31/16 08:17	04/01/16 18:45	1
Benzo(g,h,i)perylene	ND		4.6	0.33	ug/L		03/31/16 08:17	04/01/16 18:45	1
Benzo(k)fluoranthene	ND		4.6	0.68	ug/L		03/31/16 08:17	04/01/16 18:45	1
Biphenyl	ND		4.6	0.61	ug/L		03/31/16 08:17	04/01/16 18:45	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		03/31/16 08:17	04/01/16 18:45	1
Bis(2-chloroethoxy)methane	ND		4.6	0.33	ug/L		03/31/16 08:17	04/01/16 18:45	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		03/31/16 08:17	04/01/16 18:45	1
Bis(2-ethylhexyl) phthalate	ND		4.6	1.7	ug/L		03/31/16 08:17	04/01/16 18:45	1
Butyl benzyl phthalate	ND		4.6	0.39	ug/L		03/31/16 08:17	04/01/16 18:45	1
Caprolactam	ND		4.6	2.0	ug/L		03/31/16 08:17	04/01/16 18:45	1
Carbazole	ND		4.6	0.28	ug/L		03/31/16 08:17	04/01/16 18:45	1

Client Sample ID: BCC Area C RFI-20 0316

Lab Sample ID: 480-97313-5

Date Collected: 03/30/16 08:50

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.6	0.31	ug/L		03/31/16 08:17	04/01/16 18:45	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		03/31/16 08:17	04/01/16 18:45	1
Dibenzofuran	ND		9.3	0.47	ug/L		03/31/16 08:17	04/01/16 18:45	1
Diethyl phthalate	ND		4.6	0.20	ug/L		03/31/16 08:17	04/01/16 18:45	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		03/31/16 08:17	04/01/16 18:45	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		03/31/16 08:17	04/01/16 18:45	1
Di-n-octyl phthalate	ND		4.6	0.44	ug/L		03/31/16 08:17	04/01/16 18:45	1
Fluoranthene	ND		4.6	0.37	ug/L		03/31/16 08:17	04/01/16 18:45	1
Fluorene	ND		4.6	0.33	ug/L		03/31/16 08:17	04/01/16 18:45	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		03/31/16 08:17	04/01/16 18:45	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		03/31/16 08:17	04/01/16 18:45	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		03/31/16 08:17	04/01/16 18:45	1
Hexachloroethane	ND		4.6	0.55	ug/L		03/31/16 08:17	04/01/16 18:45	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.44	ug/L		03/31/16 08:17	04/01/16 18:45	1
Isophorone	ND		4.6	0.40	ug/L		03/31/16 08:17	04/01/16 18:45	1
Naphthalene	ND		4.6	0.71	ug/L		03/31/16 08:17	04/01/16 18:45	1
Nitrobenzene	ND		4.6	0.27	ug/L		03/31/16 08:17	04/01/16 18:45	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		03/31/16 08:17	04/01/16 18:45	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		03/31/16 08:17	04/01/16 18:45	1
Pentachlorophenol	ND		9.3	2.0	ug/L		03/31/16 08:17	04/01/16 18:45	1
Phenanthrene	ND		4.6	0.41	ug/L		03/31/16 08:17	04/01/16 18:45	1
Phenol	ND		4.6	0.36	ug/L		03/31/16 08:17	04/01/16 18:45	1
Pyrene	ND		4.6	0.32	ug/L		03/31/16 08:17	04/01/16 18:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*125*		*52 - 132*	*03/31/16 08:17*	*04/01/16 18:45*	*1*
2-Fluorobiphenyl	*88*		*48 - 120*	*03/31/16 08:17*	*04/01/16 18:45*	*1*
2-Fluorophenol	*62*		*20 - 120*	*03/31/16 08:17*	*04/01/16 18:45*	*1*
Nitrobenzene-d5	*95*		*46 - 120*	*03/31/16 08:17*	*04/01/16 18:45*	*1*
Phenol-d5	*41*		*16 - 120*	*03/31/16 08:17*	*04/01/16 18:45*	*1*
p-Terphenyl-d14	*86*		*67 - 150*	*03/31/16 08:17*	*04/01/16 18:45*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/31/16 11:35	04/01/16 15:52	1
Antimony	ND		0.020	0.0068	mg/L		03/31/16 11:35	04/01/16 15:52	1
Arsenic	**0.024**		0.015	0.0056	mg/L		03/31/16 11:35	04/01/16 15:52	1
Barium	**0.056**		0.0020	0.00070	mg/L		03/31/16 11:35	04/01/16 15:52	1
Beryllium	ND		0.0020	0.00030	mg/L		03/31/16 11:35	04/01/16 15:52	1
Cadmium	ND		0.0020	0.00050	mg/L		03/31/16 11:35	04/01/16 15:52	1
Calcium	**267**		0.50	0.10	mg/L		03/31/16 11:35	04/01/16 15:52	1
Chromium	ND		0.0040	0.0010	mg/L		03/31/16 11:35	04/01/16 15:52	1
Cobalt	ND		0.0040	0.00063	mg/L		03/31/16 11:35	04/01/16 15:52	1
Copper	ND		0.010	0.0016	mg/L		03/31/16 11:35	04/01/16 15:52	1
Iron	**13.1**	^	0.050	0.019	mg/L		03/31/16 11:35	04/01/16 15:52	1
Lead	ND		0.010	0.0030	mg/L		03/31/16 11:35	04/01/16 15:52	1
Magnesium	**21.5**		0.20	0.043	mg/L		03/31/16 11:35	04/01/16 15:52	1
Manganese	**0.37**		0.0030	0.00040	mg/L		03/31/16 11:35	04/01/16 15:52	1
Nickel	**0.0019**	J	0.010	0.0013	mg/L		03/31/16 11:35	04/01/16 15:52	1
Potassium	**8.9**		0.50	0.10	mg/L		03/31/16 11:35	04/01/16 15:52	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C RFI-20 0316

Lab Sample ID: 480-97313-5

Date Collected: 03/30/16 08:50

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/31/16 11:35	04/01/16 15:52	1
Silver	ND		0.0060	0.0017	mg/L		03/31/16 11:35	04/01/16 15:52	1
Sodium	**28.6**		1.0	0.32	mg/L		03/31/16 11:35	04/01/16 15:52	1
Thallium	ND		0.020	0.010	mg/L		03/31/16 11:35	04/01/16 15:52	1
Vanadium	ND		0.0050	0.0015	mg/L		03/31/16 11:35	04/01/16 15:52	1
Zinc	ND		0.010	0.0015	mg/L		03/31/16 11:35	04/01/16 15:52	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/31/16 08:30	03/31/16 12:41	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C PS-05A 0316

Lab Sample ID: 480-97313-6

Date Collected: 03/30/16 10:10

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			04/06/16 00:53	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			04/06/16 00:53	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			04/06/16 00:53	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			04/06/16 00:53	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			04/06/16 00:53	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			04/06/16 00:53	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			04/06/16 00:53	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			04/06/16 00:53	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			04/06/16 00:53	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			04/06/16 00:53	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			04/06/16 00:53	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			04/06/16 00:53	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			04/06/16 00:53	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			04/06/16 00:53	5
2-Butanone (MEK)	ND		50	6.6	ug/L			04/06/16 00:53	5
2-Hexanone	ND		25	6.2	ug/L			04/06/16 00:53	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			04/06/16 00:53	5
Acetone	ND	*	50	15	ug/L			04/06/16 00:53	5
Benzene	ND		5.0	2.1	ug/L			04/06/16 00:53	5
Bromodichloromethane	ND		5.0	2.0	ug/L			04/06/16 00:53	5
Bromoform	ND		5.0	1.3	ug/L			04/06/16 00:53	5
Bromomethane	ND		5.0	3.5	ug/L			04/06/16 00:53	5
Carbon disulfide	ND		5.0	0.95	ug/L			04/06/16 00:53	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			04/06/16 00:53	5
Chlorobenzene	**180**		5.0	3.8	ug/L			04/06/16 00:53	5
Chloroethane	ND		5.0	1.6	ug/L			04/06/16 00:53	5
Chloroform	ND		5.0	1.7	ug/L			04/06/16 00:53	5
Chloromethane	ND		5.0	1.8	ug/L			04/06/16 00:53	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			04/06/16 00:53	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			04/06/16 00:53	5
Cyclohexane	ND		5.0	0.90	ug/L			04/06/16 00:53	5
Dibromochloromethane	ND		5.0	1.6	ug/L			04/06/16 00:53	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			04/06/16 00:53	5
Ethylbenzene	ND		5.0	3.7	ug/L			04/06/16 00:53	5
Isopropylbenzene	ND		5.0	4.0	ug/L			04/06/16 00:53	5
Methyl acetate	ND		13	6.5	ug/L			04/06/16 00:53	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			04/06/16 00:53	5
Methylcyclohexane	ND		5.0	0.80	ug/L			04/06/16 00:53	5
Methylene Chloride	ND		5.0	2.2	ug/L			04/06/16 00:53	5
Styrene	ND		5.0	3.7	ug/L			04/06/16 00:53	5
Tetrachloroethene	ND		5.0	1.8	ug/L			04/06/16 00:53	5
Toluene	ND		5.0	2.6	ug/L			04/06/16 00:53	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			04/06/16 00:53	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			04/06/16 00:53	5
Trichloroethene	ND		5.0	2.3	ug/L			04/06/16 00:53	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			04/06/16 00:53	5
Vinyl chloride	ND		5.0	4.5	ug/L			04/06/16 00:53	5
Xylenes, Total	ND		10	3.3	ug/L			04/06/16 00:53	5

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C PS-05A 0316

Date Collected: 03/30/16 10:10
Date Received: 03/30/16 15:40

Lab Sample ID: 480-97313-6

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*		*04/06/16 00:53*	*5*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*04/06/16 00:53*	*5*
Toluene-d8 (Surr)	*89*		*71 - 126*		*04/06/16 00:53*	*5*
Dibromofluoromethane (Surr)	*99*		*60 - 140*		*04/06/16 00:53*	*5*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		03/31/16 08:17	04/01/16 19:14	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		03/31/16 08:17	04/01/16 19:14	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		03/31/16 08:17	04/01/16 19:14	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/31/16 08:17	04/01/16 19:14	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		03/31/16 08:17	04/01/16 19:14	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		03/31/16 08:17	04/01/16 19:14	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		03/31/16 08:17	04/01/16 19:14	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		03/31/16 08:17	04/01/16 19:14	1
2-Chlorophenol	**3.0**	**J**	4.7	0.50	ug/L		03/31/16 08:17	04/01/16 19:14	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		03/31/16 08:17	04/01/16 19:14	1
2-Methylphenol	ND		4.7	0.38	ug/L		03/31/16 08:17	04/01/16 19:14	1
2-Nitroaniline	ND		9.4	0.39	ug/L		03/31/16 08:17	04/01/16 19:14	1
2-Nitrophenol	ND		4.7	0.45	ug/L		03/31/16 08:17	04/01/16 19:14	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		03/31/16 08:17	04/01/16 19:14	1
3-Nitroaniline	ND		9.4	0.45	ug/L		03/31/16 08:17	04/01/16 19:14	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		03/31/16 08:17	04/01/16 19:14	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		03/31/16 08:17	04/01/16 19:14	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		03/31/16 08:17	04/01/16 19:14	1
4-Chloroaniline	ND		4.7	0.55	ug/L		03/31/16 08:17	04/01/16 19:14	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/31/16 08:17	04/01/16 19:14	1
4-Methylphenol	ND		9.4	0.34	ug/L		03/31/16 08:17	04/01/16 19:14	1
4-Nitroaniline	ND		9.4	0.23	ug/L		03/31/16 08:17	04/01/16 19:14	1
4-Nitrophenol	ND		9.4	1.4	ug/L		03/31/16 08:17	04/01/16 19:14	1
Acenaphthene	ND		4.7	0.38	ug/L		03/31/16 08:17	04/01/16 19:14	1
Acenaphthylene	ND		4.7	0.36	ug/L		03/31/16 08:17	04/01/16 19:14	1
Acetophenone	ND		4.7	0.51	ug/L		03/31/16 08:17	04/01/16 19:14	1
Aniline	ND		9.4	0.57	ug/L		03/31/16 08:17	04/01/16 19:14	1
Anthracene	ND		4.7	0.26	ug/L		03/31/16 08:17	04/01/16 19:14	1
Atrazine	ND		4.7	0.43	ug/L		03/31/16 08:17	04/01/16 19:14	1
Benzaldehyde	ND		4.7	0.25	ug/L		03/31/16 08:17	04/01/16 19:14	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/31/16 08:17	04/01/16 19:14	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		03/31/16 08:17	04/01/16 19:14	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/31/16 08:17	04/01/16 19:14	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		03/31/16 08:17	04/01/16 19:14	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		03/31/16 08:17	04/01/16 19:14	1
Biphenyl	ND		4.7	0.61	ug/L		03/31/16 08:17	04/01/16 19:14	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		03/31/16 08:17	04/01/16 19:14	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/31/16 08:17	04/01/16 19:14	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		03/31/16 08:17	04/01/16 19:14	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		03/31/16 08:17	04/01/16 19:14	1
Butyl benzyl phthalate	ND		4.7	0.39	ug/L		03/31/16 08:17	04/01/16 19:14	1
Caprolactam	ND		4.7	2.1	ug/L		03/31/16 08:17	04/01/16 19:14	1
Carbazole	ND		4.7	0.28	ug/L		03/31/16 08:17	04/01/16 19:14	1

Client Sample ID: BCC Area C PS-05A 0316

Lab Sample ID: 480-97313-6

Date Collected: 03/30/16 10:10

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		03/31/16 08:17	04/01/16 19:14	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		03/31/16 08:17	04/01/16 19:14	1
Dibenzofuran	ND		9.4	0.48	ug/L		03/31/16 08:17	04/01/16 19:14	1
Diethyl phthalate	ND		4.7	0.21	ug/L		03/31/16 08:17	04/01/16 19:14	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/31/16 08:17	04/01/16 19:14	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/31/16 08:17	04/01/16 19:14	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		03/31/16 08:17	04/01/16 19:14	1
Fluoranthene	ND		4.7	0.38	ug/L		03/31/16 08:17	04/01/16 19:14	1
Fluorene	ND		4.7	0.34	ug/L		03/31/16 08:17	04/01/16 19:14	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/31/16 08:17	04/01/16 19:14	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		03/31/16 08:17	04/01/16 19:14	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		03/31/16 08:17	04/01/16 19:14	1
Hexachloroethane	ND		4.7	0.55	ug/L		03/31/16 08:17	04/01/16 19:14	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		03/31/16 08:17	04/01/16 19:14	1
Isophorone	ND		4.7	0.40	ug/L		03/31/16 08:17	04/01/16 19:14	1
Naphthalene	ND		4.7	0.71	ug/L		03/31/16 08:17	04/01/16 19:14	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/31/16 08:17	04/01/16 19:14	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		03/31/16 08:17	04/01/16 19:14	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		03/31/16 08:17	04/01/16 19:14	1
Pentachlorophenol	ND		9.4	2.1	ug/L		03/31/16 08:17	04/01/16 19:14	1
Phenanthrene	ND		4.7	0.41	ug/L		03/31/16 08:17	04/01/16 19:14	1
Phenol	ND		4.7	0.37	ug/L		03/31/16 08:17	04/01/16 19:14	1
Pyrene	ND		4.7	0.32	ug/L		03/31/16 08:17	04/01/16 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*125*		*52 - 132*	*03/31/16 08:17*	*04/01/16 19:14*	*1*
2-Fluorobiphenyl	*97*		*48 - 120*	*03/31/16 08:17*	*04/01/16 19:14*	*1*
2-Fluorophenol	*73*		*20 - 120*	*03/31/16 08:17*	*04/01/16 19:14*	*1*
Nitrobenzene-d5	*105*		*46 - 120*	*03/31/16 08:17*	*04/01/16 19:14*	*1*
Phenol-d5	*47*		*16 - 120*	*03/31/16 08:17*	*04/01/16 19:14*	*1*
p-Terphenyl-d14	*85*		*67 - 150*	*03/31/16 08:17*	*04/01/16 19:14*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/31/16 11:35	04/01/16 15:55	1
Antimony	ND		0.020	0.0068	mg/L		03/31/16 11:35	04/01/16 15:55	1
Arsenic	**0.074**		0.015	0.0056	mg/L		03/31/16 11:35	04/01/16 15:55	1
Barium	**0.030**		0.0020	0.00070	mg/L		03/31/16 11:35	04/01/16 15:55	1
Beryllium	ND		0.0020	0.00030	mg/L		03/31/16 11:35	04/01/16 15:55	1
Cadmium	ND		0.0020	0.00050	mg/L		03/31/16 11:35	04/01/16 15:55	1
Calcium	**284**		0.50	0.10	mg/L		03/31/16 11:35	04/01/16 15:55	1
Chromium	ND		0.0040	0.0010	mg/L		03/31/16 11:35	04/01/16 15:55	1
Cobalt	ND		0.0040	0.00063	mg/L		03/31/16 11:35	04/01/16 15:55	1
Copper	ND		0.010	0.0016	mg/L		03/31/16 11:35	04/01/16 15:55	1
Iron	**18.1**	^	0.050	0.019	mg/L		03/31/16 11:35	04/01/16 15:55	1
Lead	ND		0.010	0.0030	mg/L		03/31/16 11:35	04/01/16 15:55	1
Magnesium	**25.3**		0.20	0.043	mg/L		03/31/16 11:35	04/01/16 15:55	1
Manganese	**0.33**		0.0030	0.00040	mg/L		03/31/16 11:35	04/01/16 15:55	1
Nickel	**0.0021**	J	0.010	0.0013	mg/L		03/31/16 11:35	04/01/16 15:55	1
Potassium	**12.9**		0.50	0.10	mg/L		03/31/16 11:35	04/01/16 15:55	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C PS-05A 0316

Lab Sample ID: 480-97313-6

Date Collected: 03/30/16 10:10

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/31/16 11:35	04/01/16 15:55	1
Silver	ND		0.0060	0.0017	mg/L		03/31/16 11:35	04/01/16 15:55	1
Sodium	**105**		1.0	0.32	mg/L		03/31/16 11:35	04/01/16 15:55	1
Thallium	ND		0.020	0.010	mg/L		03/31/16 11:35	04/01/16 15:55	1
Vanadium	ND		0.0050	0.0015	mg/L		03/31/16 11:35	04/01/16 15:55	1
Zinc	**0.011**		0.010	0.0015	mg/L		03/31/16 11:35	04/01/16 15:55	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/31/16 08:30	03/31/16 12:46	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C PS-06 0316

Lab Sample ID: 480-97313-7

Date Collected: 03/29/16 13:10

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			04/06/16 01:17	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			04/06/16 01:17	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			04/06/16 01:17	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			04/06/16 01:17	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			04/06/16 01:17	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			04/06/16 01:17	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			04/06/16 01:17	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			04/06/16 01:17	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			04/06/16 01:17	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			04/06/16 01:17	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			04/06/16 01:17	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			04/06/16 01:17	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			04/06/16 01:17	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			04/06/16 01:17	5
2-Butanone (MEK)	ND		50	6.6	ug/L			04/06/16 01:17	5
2-Hexanone	ND		25	6.2	ug/L			04/06/16 01:17	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			04/06/16 01:17	5
Acetone	ND	*	50	15	ug/L			04/06/16 01:17	5
Benzene	ND		5.0	2.1	ug/L			04/06/16 01:17	5
Bromodichloromethane	ND		5.0	2.0	ug/L			04/06/16 01:17	5
Bromoform	ND		5.0	1.3	ug/L			04/06/16 01:17	5
Bromomethane	ND		5.0	3.5	ug/L			04/06/16 01:17	5
Carbon disulfide	ND		5.0	0.95	ug/L			04/06/16 01:17	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			04/06/16 01:17	5
Chlorobenzene	ND		5.0	3.8	ug/L			04/06/16 01:17	5
Chloroethane	ND		5.0	1.6	ug/L			04/06/16 01:17	5
Chloroform	ND		5.0	1.7	ug/L			04/06/16 01:17	5
Chloromethane	ND		5.0	1.8	ug/L			04/06/16 01:17	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			04/06/16 01:17	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			04/06/16 01:17	5
Cyclohexane	ND		5.0	0.90	ug/L			04/06/16 01:17	5
Dibromochloromethane	ND		5.0	1.6	ug/L			04/06/16 01:17	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			04/06/16 01:17	5
Ethylbenzene	ND		5.0	3.7	ug/L			04/06/16 01:17	5
Isopropylbenzene	ND		5.0	4.0	ug/L			04/06/16 01:17	5
Methyl acetate	ND		13	6.5	ug/L			04/06/16 01:17	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			04/06/16 01:17	5
Methylcyclohexane	ND		5.0	0.80	ug/L			04/06/16 01:17	5
Methylene Chloride	**2.3**	**J**	5.0	2.2	ug/L			04/06/16 01:17	5
Styrene	ND		5.0	3.7	ug/L			04/06/16 01:17	5
Tetrachloroethene	ND		5.0	1.8	ug/L			04/06/16 01:17	5
Toluene	ND		5.0	2.6	ug/L			04/06/16 01:17	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			04/06/16 01:17	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			04/06/16 01:17	5
Trichloroethene	ND		5.0	2.3	ug/L			04/06/16 01:17	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			04/06/16 01:17	5
Vinyl chloride	ND		5.0	4.5	ug/L			04/06/16 01:17	5
Xylenes, Total	ND		10	3.3	ug/L			04/06/16 01:17	5

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C PS-06 0316

Lab Sample ID: 480-97313-7

Date Collected: 03/29/16 13:10
Matrix: Ground Water
Date Received: 03/30/16 15:40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*		*04/06/16 01:17*	*5*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*04/06/16 01:17*	*5*
Toluene-d8 (Surr)	*89*		*71 - 126*		*04/06/16 01:17*	*5*
Dibromofluoromethane (Surr)	*99*		*60 - 140*		*04/06/16 01:17*	*5*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		03/31/16 08:17	04/02/16 15:39	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		03/31/16 08:17	04/02/16 15:39	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		03/31/16 08:17	04/02/16 15:39	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/31/16 08:17	04/02/16 15:39	1
2,4-Dinitrophenol	ND	F1	9.5	2.1	ug/L		03/31/16 08:17	04/02/16 15:39	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		03/31/16 08:17	04/02/16 15:39	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		03/31/16 08:17	04/02/16 15:39	1
2-Chloronaphthalene	ND		4.7	0.44	ug/L		03/31/16 08:17	04/02/16 15:39	1
2-Chlorophenol	ND		4.7	0.50	ug/L		03/31/16 08:17	04/02/16 15:39	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		03/31/16 08:17	04/02/16 15:39	1
2-Methylphenol	ND		4.7	0.38	ug/L		03/31/16 08:17	04/02/16 15:39	1
2-Nitroaniline	ND	F1	9.5	0.40	ug/L		03/31/16 08:17	04/02/16 15:39	1
2-Nitrophenol	ND		4.7	0.45	ug/L		03/31/16 08:17	04/02/16 15:39	1
3,3'-Dichlorobenzidine	ND	F1	4.7	0.38	ug/L		03/31/16 08:17	04/02/16 15:39	1
3-Nitroaniline	ND		9.5	0.45	ug/L		03/31/16 08:17	04/02/16 15:39	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		03/31/16 08:17	04/02/16 15:39	1
4-Bromophenyl phenyl ether	ND		4.7	0.43	ug/L		03/31/16 08:17	04/02/16 15:39	1
4-Chloro-3-methylphenol	ND		4.7	0.43	ug/L		03/31/16 08:17	04/02/16 15:39	1
4-Chloroaniline	ND	F1	4.7	0.56	ug/L		03/31/16 08:17	04/02/16 15:39	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/31/16 08:17	04/02/16 15:39	1
4-Methylphenol	ND		9.5	0.34	ug/L		03/31/16 08:17	04/02/16 15:39	1
4-Nitroaniline	ND		9.5	0.24	ug/L		03/31/16 08:17	04/02/16 15:39	1
4-Nitrophenol	ND		9.5	1.4	ug/L		03/31/16 08:17	04/02/16 15:39	1
Acenaphthene	ND		4.7	0.39	ug/L		03/31/16 08:17	04/02/16 15:39	1
Acenaphthylene	ND		4.7	0.36	ug/L		03/31/16 08:17	04/02/16 15:39	1
Acetophenone	ND		4.7	0.51	ug/L		03/31/16 08:17	04/02/16 15:39	1
Aniline	ND		9.5	0.58	ug/L		03/31/16 08:17	04/02/16 15:39	1
Anthracene	ND		4.7	0.27	ug/L		03/31/16 08:17	04/02/16 15:39	1
Atrazine	ND		4.7	0.44	ug/L		03/31/16 08:17	04/02/16 15:39	1
Benzaldehyde	**0.29**	**J**	4.7	0.25	ug/L		03/31/16 08:17	04/02/16 15:39	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/31/16 08:17	04/02/16 15:39	1
Benzo(a)pyrene	ND		4.7	0.45	ug/L		03/31/16 08:17	04/02/16 15:39	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/31/16 08:17	04/02/16 15:39	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		03/31/16 08:17	04/02/16 15:39	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		03/31/16 08:17	04/02/16 15:39	1
Biphenyl	ND		4.7	0.62	ug/L		03/31/16 08:17	04/02/16 15:39	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		03/31/16 08:17	04/02/16 15:39	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/31/16 08:17	04/02/16 15:39	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		03/31/16 08:17	04/02/16 15:39	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		03/31/16 08:17	04/02/16 15:39	1
Butyl benzyl phthalate	ND		4.7	0.40	ug/L		03/31/16 08:17	04/02/16 15:39	1
Caprolactam	ND		4.7	2.1	ug/L		03/31/16 08:17	04/02/16 15:39	1
Carbazole	ND		4.7	0.28	ug/L		03/31/16 08:17	04/02/16 15:39	1

Client Sample ID: BCC Area C PS-06 0316

Lab Sample ID: 480-97313-7

Date Collected: 03/29/16 13:10

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		03/31/16 08:17	04/02/16 15:39	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		03/31/16 08:17	04/02/16 15:39	1
Dibenzofuran	ND		9.5	0.48	ug/L		03/31/16 08:17	04/02/16 15:39	1
Diethyl phthalate	ND		4.7	0.21	ug/L		03/31/16 08:17	04/02/16 15:39	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/31/16 08:17	04/02/16 15:39	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/31/16 08:17	04/02/16 15:39	1
Di-n-octyl phthalate	ND		4.7	0.45	ug/L		03/31/16 08:17	04/02/16 15:39	1
Fluoranthene	ND		4.7	0.38	ug/L		03/31/16 08:17	04/02/16 15:39	1
Fluorene	ND		4.7	0.34	ug/L		03/31/16 08:17	04/02/16 15:39	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/31/16 08:17	04/02/16 15:39	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		03/31/16 08:17	04/02/16 15:39	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		03/31/16 08:17	04/02/16 15:39	1
Hexachloroethane	ND		4.7	0.56	ug/L		03/31/16 08:17	04/02/16 15:39	1
Indeno(1,2,3-cd)pyrene	ND	F1	4.7	0.45	ug/L		03/31/16 08:17	04/02/16 15:39	1
Isophorone	ND		4.7	0.41	ug/L		03/31/16 08:17	04/02/16 15:39	1
Naphthalene	ND		4.7	0.72	ug/L		03/31/16 08:17	04/02/16 15:39	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/31/16 08:17	04/02/16 15:39	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		03/31/16 08:17	04/02/16 15:39	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		03/31/16 08:17	04/02/16 15:39	1
Pentachlorophenol	ND		9.5	2.1	ug/L		03/31/16 08:17	04/02/16 15:39	1
Phenanthrene	ND		4.7	0.42	ug/L		03/31/16 08:17	04/02/16 15:39	1
Phenol	ND		4.7	0.37	ug/L		03/31/16 08:17	04/02/16 15:39	1
Pyrene	ND		4.7	0.32	ug/L		03/31/16 08:17	04/02/16 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*116*		*52 - 132*	*03/31/16 08:17*	*04/02/16 15:39*	*1*
2-Fluorobiphenyl	*87*		*48 - 120*	*03/31/16 08:17*	*04/02/16 15:39*	*1*
2-Fluorophenol	*63*		*20 - 120*	*03/31/16 08:17*	*04/02/16 15:39*	*1*
Nitrobenzene-d5	*93*		*46 - 120*	*03/31/16 08:17*	*04/02/16 15:39*	*1*
Phenol-d5	*42*		*16 - 120*	*03/31/16 08:17*	*04/02/16 15:39*	*1*
p-Terphenyl-d14	*95*		*67 - 150*	*03/31/16 08:17*	*04/02/16 15:39*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/31/16 11:35	04/01/16 15:58	1
Antimony	ND		0.020	0.0068	mg/L		03/31/16 11:35	04/01/16 15:58	1
Arsenic	**0.073**		0.015	0.0056	mg/L		03/31/16 11:35	04/01/16 15:58	1
Barium	**0.0094**		0.0020	0.00070	mg/L		03/31/16 11:35	04/01/16 15:58	1
Beryllium	ND		0.0020	0.00030	mg/L		03/31/16 11:35	04/01/16 15:58	1
Cadmium	ND		0.0020	0.00050	mg/L		03/31/16 11:35	04/01/16 15:58	1
Calcium	**244**		0.50	0.10	mg/L		03/31/16 11:35	04/01/16 15:58	1
Chromium	ND		0.0040	0.0010	mg/L		03/31/16 11:35	04/01/16 15:58	1
Cobalt	ND		0.0040	0.00063	mg/L		03/31/16 11:35	04/01/16 15:58	1
Copper	ND		0.010	0.0016	mg/L		03/31/16 11:35	04/01/16 15:58	1
Iron	**55.1**	^	0.050	0.019	mg/L		03/31/16 11:35	04/01/16 15:58	1
Lead	ND		0.010	0.0030	mg/L		03/31/16 11:35	04/01/16 15:58	1
Magnesium	**14.9**		0.20	0.043	mg/L		03/31/16 11:35	04/01/16 15:58	1
Manganese	**0.25**		0.0030	0.00040	mg/L		03/31/16 11:35	04/01/16 15:58	1
Nickel	ND		0.010	0.0013	mg/L		03/31/16 11:35	04/01/16 15:58	1
Potassium	**70.2**		0.50	0.10	mg/L		03/31/16 11:35	04/01/16 15:58	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C PS-06 0316

Lab Sample ID: 480-97313-7

Date Collected: 03/29/16 13:10

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/31/16 11:35	04/01/16 15:58	1
Silver	ND		0.0060	0.0017	mg/L		03/31/16 11:35	04/01/16 15:58	1
Sodium	**84.7**		1.0	0.32	mg/L		03/31/16 11:35	04/01/16 15:58	1
Thallium	ND		0.020	0.010	mg/L		03/31/16 11:35	04/01/16 15:58	1
Vanadium	ND		0.0050	0.0015	mg/L		03/31/16 11:35	04/01/16 15:58	1
Zinc	**0.0038**	**J**	0.010	0.0015	mg/L		03/31/16 11:35	04/01/16 15:58	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/31/16 08:30	03/31/16 12:47	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C PS-06 D 0316

Lab Sample ID: 480-97313-8

Date Collected: 03/29/16 13:20

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			04/06/16 01:41	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			04/06/16 01:41	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			04/06/16 01:41	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			04/06/16 01:41	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			04/06/16 01:41	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			04/06/16 01:41	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			04/06/16 01:41	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			04/06/16 01:41	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			04/06/16 01:41	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			04/06/16 01:41	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			04/06/16 01:41	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			04/06/16 01:41	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			04/06/16 01:41	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			04/06/16 01:41	4
2-Butanone (MEK)	ND		40	5.3	ug/L			04/06/16 01:41	4
2-Hexanone	ND		20	5.0	ug/L			04/06/16 01:41	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			04/06/16 01:41	4
Acetone	ND	*	40	12	ug/L			04/06/16 01:41	4
Benzene	ND		4.0	1.6	ug/L			04/06/16 01:41	4
Bromodichloromethane	ND		4.0	1.6	ug/L			04/06/16 01:41	4
Bromoform	ND		4.0	1.0	ug/L			04/06/16 01:41	4
Bromomethane	ND		4.0	2.8	ug/L			04/06/16 01:41	4
Carbon disulfide	ND		4.0	0.76	ug/L			04/06/16 01:41	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			04/06/16 01:41	4
Chlorobenzene	ND		4.0	3.0	ug/L			04/06/16 01:41	4
Chloroethane	ND		4.0	1.3	ug/L			04/06/16 01:41	4
Chloroform	ND		4.0	1.4	ug/L			04/06/16 01:41	4
Chloromethane	ND		4.0	1.4	ug/L			04/06/16 01:41	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			04/06/16 01:41	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			04/06/16 01:41	4
Cyclohexane	ND		4.0	0.72	ug/L			04/06/16 01:41	4
Dibromochloromethane	ND		4.0	1.3	ug/L			04/06/16 01:41	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			04/06/16 01:41	4
Ethylbenzene	ND		4.0	3.0	ug/L			04/06/16 01:41	4
Isopropylbenzene	ND		4.0	3.2	ug/L			04/06/16 01:41	4
Methyl acetate	ND		10	5.2	ug/L			04/06/16 01:41	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			04/06/16 01:41	4
Methylcyclohexane	ND		4.0	0.64	ug/L			04/06/16 01:41	4
Methylene Chloride	**2.3**	**J**	4.0	1.8	ug/L			04/06/16 01:41	4
Styrene	ND		4.0	2.9	ug/L			04/06/16 01:41	4
Tetrachloroethene	ND		4.0	1.4	ug/L			04/06/16 01:41	4
Toluene	ND		4.0	2.0	ug/L			04/06/16 01:41	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			04/06/16 01:41	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			04/06/16 01:41	4
Trichloroethene	ND		4.0	1.8	ug/L			04/06/16 01:41	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			04/06/16 01:41	4
Vinyl chloride	ND		4.0	3.6	ug/L			04/06/16 01:41	4
Xylenes, Total	ND		8.0	2.6	ug/L			04/06/16 01:41	4

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C PS-06 D 0316

Lab Sample ID: 480-97313-8

Date Collected: 03/29/16 13:20
Matrix: Ground Water
Date Received: 03/30/16 15:40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*		*04/06/16 01:41*	*4*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*04/06/16 01:41*	*4*
Toluene-d8 (Surr)	*90*		*71 - 126*		*04/06/16 01:41*	*4*
Dibromofluoromethane (Surr)	*100*		*60 - 140*		*04/06/16 01:41*	*4*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		03/31/16 08:17	04/02/16 16:09	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		03/31/16 08:17	04/02/16 16:09	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		03/31/16 08:17	04/02/16 16:09	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/31/16 08:17	04/02/16 16:09	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		03/31/16 08:17	04/02/16 16:09	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		03/31/16 08:17	04/02/16 16:09	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		03/31/16 08:17	04/02/16 16:09	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		03/31/16 08:17	04/02/16 16:09	1
2-Chlorophenol	ND		4.7	0.50	ug/L		03/31/16 08:17	04/02/16 16:09	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		03/31/16 08:17	04/02/16 16:09	1
2-Methylphenol	ND		4.7	0.37	ug/L		03/31/16 08:17	04/02/16 16:09	1
2-Nitroaniline	ND		9.3	0.39	ug/L		03/31/16 08:17	04/02/16 16:09	1
2-Nitrophenol	ND		4.7	0.45	ug/L		03/31/16 08:17	04/02/16 16:09	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		03/31/16 08:17	04/02/16 16:09	1
3-Nitroaniline	ND		9.3	0.45	ug/L		03/31/16 08:17	04/02/16 16:09	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.1	ug/L		03/31/16 08:17	04/02/16 16:09	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		03/31/16 08:17	04/02/16 16:09	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		03/31/16 08:17	04/02/16 16:09	1
4-Chloroaniline	ND		4.7	0.55	ug/L		03/31/16 08:17	04/02/16 16:09	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/31/16 08:17	04/02/16 16:09	1
4-Methylphenol	ND		9.3	0.34	ug/L		03/31/16 08:17	04/02/16 16:09	1
4-Nitroaniline	ND		9.3	0.23	ug/L		03/31/16 08:17	04/02/16 16:09	1
4-Nitrophenol	ND		9.3	1.4	ug/L		03/31/16 08:17	04/02/16 16:09	1
Acenaphthene	ND		4.7	0.38	ug/L		03/31/16 08:17	04/02/16 16:09	1
Acenaphthylene	ND		4.7	0.36	ug/L		03/31/16 08:17	04/02/16 16:09	1
Acetophenone	ND		4.7	0.50	ug/L		03/31/16 08:17	04/02/16 16:09	1
Aniline	ND		9.3	0.57	ug/L		03/31/16 08:17	04/02/16 16:09	1
Anthracene	ND		4.7	0.26	ug/L		03/31/16 08:17	04/02/16 16:09	1
Atrazine	ND		4.7	0.43	ug/L		03/31/16 08:17	04/02/16 16:09	1
Benzaldehyde	**0.31**	**J**	4.7	0.25	ug/L		03/31/16 08:17	04/02/16 16:09	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/31/16 08:17	04/02/16 16:09	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		03/31/16 08:17	04/02/16 16:09	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/31/16 08:17	04/02/16 16:09	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		03/31/16 08:17	04/02/16 16:09	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		03/31/16 08:17	04/02/16 16:09	1
Biphenyl	ND		4.7	0.61	ug/L		03/31/16 08:17	04/02/16 16:09	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		03/31/16 08:17	04/02/16 16:09	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/31/16 08:17	04/02/16 16:09	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		03/31/16 08:17	04/02/16 16:09	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		03/31/16 08:17	04/02/16 16:09	1
Butyl benzyl phthalate	ND		4.7	0.39	ug/L		03/31/16 08:17	04/02/16 16:09	1
Caprolactam	ND		4.7	2.1	ug/L		03/31/16 08:17	04/02/16 16:09	1
Carbazole	ND		4.7	0.28	ug/L		03/31/16 08:17	04/02/16 16:09	1

Client Sample ID: BCC Area C PS-06 D 0316

Lab Sample ID: 480-97313-8

Date Collected: 03/29/16 13:20

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		03/31/16 08:17	04/02/16 16:09	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		03/31/16 08:17	04/02/16 16:09	1
Dibenzofuran	ND		9.3	0.48	ug/L		03/31/16 08:17	04/02/16 16:09	1
Diethyl phthalate	ND		4.7	0.21	ug/L		03/31/16 08:17	04/02/16 16:09	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/31/16 08:17	04/02/16 16:09	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/31/16 08:17	04/02/16 16:09	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		03/31/16 08:17	04/02/16 16:09	1
Fluoranthene	ND		4.7	0.37	ug/L		03/31/16 08:17	04/02/16 16:09	1
Fluorene	ND		4.7	0.34	ug/L		03/31/16 08:17	04/02/16 16:09	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/31/16 08:17	04/02/16 16:09	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		03/31/16 08:17	04/02/16 16:09	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		03/31/16 08:17	04/02/16 16:09	1
Hexachloroethane	ND		4.7	0.55	ug/L		03/31/16 08:17	04/02/16 16:09	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		03/31/16 08:17	04/02/16 16:09	1
Isophorone	ND		4.7	0.40	ug/L		03/31/16 08:17	04/02/16 16:09	1
Naphthalene	ND		4.7	0.71	ug/L		03/31/16 08:17	04/02/16 16:09	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/31/16 08:17	04/02/16 16:09	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		03/31/16 08:17	04/02/16 16:09	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		03/31/16 08:17	04/02/16 16:09	1
Pentachlorophenol	ND		9.3	2.1	ug/L		03/31/16 08:17	04/02/16 16:09	1
Phenanthrene	ND		4.7	0.41	ug/L		03/31/16 08:17	04/02/16 16:09	1
Phenol	ND		4.7	0.36	ug/L		03/31/16 08:17	04/02/16 16:09	1
Pyrene	ND		4.7	0.32	ug/L		03/31/16 08:17	04/02/16 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*121*		*52 - 132*	*03/31/16 08:17*	*04/02/16 16:09*	*1*
2-Fluorobiphenyl	*93*		*48 - 120*	*03/31/16 08:17*	*04/02/16 16:09*	*1*
2-Fluorophenol	*66*		*20 - 120*	*03/31/16 08:17*	*04/02/16 16:09*	*1*
Nitrobenzene-d5	*97*		*46 - 120*	*03/31/16 08:17*	*04/02/16 16:09*	*1*
Phenol-d5	*44*		*16 - 120*	*03/31/16 08:17*	*04/02/16 16:09*	*1*
p-Terphenyl-d14	*94*		*67 - 150*	*03/31/16 08:17*	*04/02/16 16:09*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/31/16 11:35	04/01/16 16:23	1
Antimony	ND		0.020	0.0068	mg/L		03/31/16 11:35	04/01/16 16:23	1
Arsenic	**0.069**		0.015	0.0056	mg/L		03/31/16 11:35	04/01/16 16:23	1
Barium	**0.0092**		0.0020	0.00070	mg/L		03/31/16 11:35	04/01/16 16:23	1
Beryllium	ND		0.0020	0.00030	mg/L		03/31/16 11:35	04/01/16 16:23	1
Cadmium	ND		0.0020	0.00050	mg/L		03/31/16 11:35	04/01/16 16:23	1
Calcium	**236**		0.50	0.10	mg/L		03/31/16 11:35	04/01/16 16:23	1
Chromium	ND		0.0040	0.0010	mg/L		03/31/16 11:35	04/01/16 16:23	1
Cobalt	ND		0.0040	0.00063	mg/L		03/31/16 11:35	04/01/16 16:23	1
Copper	ND		0.010	0.0016	mg/L		03/31/16 11:35	04/01/16 16:23	1
Iron	**53.9**	^	0.050	0.019	mg/L		03/31/16 11:35	04/01/16 16:23	1
Lead	ND		0.010	0.0030	mg/L		03/31/16 11:35	04/01/16 16:23	1
Magnesium	**14.6**		0.20	0.043	mg/L		03/31/16 11:35	04/01/16 16:23	1
Manganese	**0.24**		0.0030	0.00040	mg/L		03/31/16 11:35	04/01/16 16:23	1
Nickel	ND		0.010	0.0013	mg/L		03/31/16 11:35	04/01/16 16:23	1
Potassium	**68.7**		0.50	0.10	mg/L		03/31/16 11:35	04/01/16 16:23	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C PS-06 D 0316

Lab Sample ID: 480-97313-8

Date Collected: 03/29/16 13:20

Matrix: Ground Water

Date Received: 03/30/16 15:40

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/31/16 11:35	04/01/16 16:23	1
Silver	ND		0.0060	0.0017	mg/L		03/31/16 11:35	04/01/16 16:23	1
Sodium	**82.7**		1.0	0.32	mg/L		03/31/16 11:35	04/01/16 16:23	1
Thallium	ND		0.020	0.010	mg/L		03/31/16 11:35	04/01/16 16:23	1
Vanadium	ND		0.0050	0.0015	mg/L		03/31/16 11:35	04/01/16 16:23	1
Zinc	**0.0033**	**J**	0.010	0.0015	mg/L		03/31/16 11:35	04/01/16 16:23	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/31/16 08:30	03/31/16 12:55	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-97313-9

Date Collected: 03/29/16 00:00
Matrix: Water
Date Received: 03/30/16 15:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/06/16 02:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/06/16 02:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/06/16 02:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/06/16 02:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/06/16 02:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/06/16 02:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/06/16 02:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/06/16 02:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/06/16 02:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/06/16 02:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/06/16 02:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/06/16 02:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/06/16 02:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/06/16 02:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/06/16 02:05	1
2-Hexanone	ND		5.0	1.2	ug/L			04/06/16 02:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/06/16 02:05	1
Acetone	ND	*	10	3.0	ug/L			04/06/16 02:05	1
Benzene	ND		1.0	0.41	ug/L			04/06/16 02:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/06/16 02:05	1
Bromoform	ND		1.0	0.26	ug/L			04/06/16 02:05	1
Bromomethane	ND		1.0	0.69	ug/L			04/06/16 02:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/06/16 02:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/06/16 02:05	1
Chlorobenzene	**0.93**	**J**	1.0	0.75	ug/L			04/06/16 02:05	1
Chloroethane	ND		1.0	0.32	ug/L			04/06/16 02:05	1
Chloroform	ND		1.0	0.34	ug/L			04/06/16 02:05	1
Chloromethane	ND		1.0	0.35	ug/L			04/06/16 02:05	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/06/16 02:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/06/16 02:05	1
Cyclohexane	ND		1.0	0.18	ug/L			04/06/16 02:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/06/16 02:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/06/16 02:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/06/16 02:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/06/16 02:05	1
Methyl acetate	ND		2.5	1.3	ug/L			04/06/16 02:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/06/16 02:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/06/16 02:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/06/16 02:05	1
Styrene	ND		1.0	0.73	ug/L			04/06/16 02:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/06/16 02:05	1
Toluene	ND		1.0	0.51	ug/L			04/06/16 02:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/06/16 02:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/06/16 02:05	1
Trichloroethene	ND		1.0	0.46	ug/L			04/06/16 02:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/06/16 02:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/06/16 02:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/06/16 02:05	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-97313-9

Date Collected: 03/29/16 00:00

Matrix: Water

Date Received: 03/30/16 15:40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		66 - 137		04/06/16 02:05	1
4-Bromofluorobenzene (Surr)	90		73 - 120		04/06/16 02:05	1
Toluene-d8 (Surr)	87		71 - 126		04/06/16 02:05	1
Dibromofluoromethane (Surr)	92		60 - 140		04/06/16 02:05	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C MW-C04F 0316

Lab Sample ID: 480-97313-10

Date Collected: 03/30/16 12:20
Date Received: 03/30/16 15:40

Matrix: Ground Water

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/31/16 11:35	04/01/16 16:27	1
Antimony	ND		0.020	0.0068	mg/L		03/31/16 11:35	04/01/16 16:27	1
Arsenic	ND		0.015	0.0056	mg/L		03/31/16 11:35	04/01/16 16:27	1
Barium	**0.21**		0.0020	0.00070	mg/L		03/31/16 11:35	04/01/16 16:27	1
Beryllium	ND		0.0020	0.00030	mg/L		03/31/16 11:35	04/01/16 16:27	1
Cadmium	ND		0.0020	0.00050	mg/L		03/31/16 11:35	04/01/16 16:27	1
Calcium	**270**		0.50	0.10	mg/L		03/31/16 11:35	04/01/16 16:27	1
Chromium	ND		0.0040	0.0010	mg/L		03/31/16 11:35	04/01/16 16:27	1
Cobalt	ND		0.0040	0.00063	mg/L		03/31/16 11:35	04/01/16 16:27	1
Copper	ND		0.010	0.0016	mg/L		03/31/16 11:35	04/01/16 16:27	1
Iron	**12.2**	^	0.050	0.019	mg/L		03/31/16 11:35	04/01/16 16:27	1
Lead	ND		0.010	0.0030	mg/L		03/31/16 11:35	04/01/16 16:27	1
Magnesium	**37.3**		0.20	0.043	mg/L		03/31/16 11:35	04/01/16 16:27	1
Manganese	**1.4**		0.0030	0.00040	mg/L		03/31/16 11:35	04/01/16 16:27	1
Nickel	ND		0.010	0.0013	mg/L		03/31/16 11:35	04/01/16 16:27	1
Potassium	**8.3**		0.50	0.10	mg/L		03/31/16 11:35	04/01/16 16:27	1
Selenium	ND		0.025	0.0087	mg/L		03/31/16 11:35	04/01/16 16:27	1
Silver	ND		0.0060	0.0017	mg/L		03/31/16 11:35	04/01/16 16:27	1
Sodium	**40.7**		1.0	0.32	mg/L		03/31/16 11:35	04/01/16 16:27	1
Thallium	ND		0.020	0.010	mg/L		03/31/16 11:35	04/01/16 16:27	1
Vanadium	ND		0.0050	0.0015	mg/L		03/31/16 11:35	04/01/16 16:27	1
Zinc	ND		0.010	0.0015	mg/L		03/31/16 11:35	04/01/16 16:27	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/31/16 08:30	03/31/16 12:57	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Ground Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)	(60-140)
480-97313-1	BCC Area C MW-C01 0316	107	97	100	103
480-97313-2	BCC Area C RFI-31 0316	109	100	103	100
480-97313-3	BCC Area C PS-04 0316	107	101	101	101
480-97313-4	BCC Area C MW-C04 0316	96	94	88	96
480-97313-5	BCC Area C RFI-20 0316	95	94	89	99
480-97313-6	BCC Area C PS-05A 0316	97	94	89	99
480-97313-7	BCC Area C PS-06 0316	96	95	89	99
480-97313-7 MS	BCC Area C PS-06 MS 0316	93	94	87	99
480-97313-7 MSD	BCC Area C PS-06 MSD 0316	95	97	91	101
480-97313-8	BCC Area C PS-06 D 0316	98	92	90	100

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)	(60-140)
480-97313-9	TRIP BLANK	95	90	87	92
LCS 480-294058/4	Lab Control Sample	109	107	102	109
LCS 480-294161/4	Lab Control Sample	100	103	100	101
LCS 480-294165/5	Lab Control Sample	94	96	89	101
MB 480-294058/6	Method Blank	107	101	102	100
MB 480-294161/6	Method Blank	103	102	101	102
MB 480-294165/7	Method Blank	99	92	87	96

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Ground Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)
480-97313-1	BCC Area C MW-C01 0316	99	69	47	71	31	82
480-97313-2	BCC Area C RFI-31 0316	123	53	58	83	40	84
480-97313-3	BCC Area C PS-04 0316	131	102	72	108	47	102
480-97313-4	BCC Area C MW-C04 0316	101	74	55	83	36	70
480-97313-5	BCC Area C RFI-20 0316	125	88	62	95	41	86
480-97313-6	BCC Area C PS-05A 0316	125	97	73	105	47	85
480-97313-7	BCC Area C PS-06 0316	116	87	63	93	42	95

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Ground Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)
480-97313-7 MS	BCC Area C PS-06 MS 0316	126	94	75	101	53	82
480-97313-7 MSD	BCC Area C PS-06 MSD 0316	120	91	72	98	52	77
480-97313-8	BCC Area C PS-06 D 0316	121	93	66	97	44	94

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = p-Terphenyl-d14

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)
LCS 480-293406/2-A	Lab Control Sample	117	95	76	101	53	106
MB 480-293406/1-A	Method Blank	103	93	67	104	44	117

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = p-Terphenyl-d14

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-294058/6
Matrix: Water
Analysis Batch: 294058

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/05/16 12:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/05/16 12:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/05/16 12:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/05/16 12:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/05/16 12:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/05/16 12:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/05/16 12:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/05/16 12:39	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/05/16 12:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/05/16 12:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/05/16 12:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/05/16 12:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/05/16 12:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/05/16 12:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/05/16 12:39	1
2-Hexanone	ND		5.0	1.2	ug/L			04/05/16 12:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/05/16 12:39	1
Acetone	ND		10	3.0	ug/L			04/05/16 12:39	1
Benzene	ND		1.0	0.41	ug/L			04/05/16 12:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/05/16 12:39	1
Bromoform	ND		1.0	0.26	ug/L			04/05/16 12:39	1
Bromomethane	ND		1.0	0.69	ug/L			04/05/16 12:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/05/16 12:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/05/16 12:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/05/16 12:39	1
Chloroethane	ND		1.0	0.32	ug/L			04/05/16 12:39	1
Chloroform	ND		1.0	0.34	ug/L			04/05/16 12:39	1
Chloromethane	ND		1.0	0.35	ug/L			04/05/16 12:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/05/16 12:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/05/16 12:39	1
Cyclohexane	ND		1.0	0.18	ug/L			04/05/16 12:39	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/05/16 12:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/05/16 12:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/05/16 12:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/05/16 12:39	1
Methyl acetate	ND		2.5	1.3	ug/L			04/05/16 12:39	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/05/16 12:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/05/16 12:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/05/16 12:39	1
Styrene	ND		1.0	0.73	ug/L			04/05/16 12:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/05/16 12:39	1
Toluene	ND		1.0	0.51	ug/L			04/05/16 12:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/05/16 12:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/05/16 12:39	1
Trichloroethene	ND		1.0	0.46	ug/L			04/05/16 12:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/05/16 12:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/05/16 12:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/05/16 12:39	1

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		66 - 137		04/05/16 12:39	1
4-Bromofluorobenzene (Surr)	101		73 - 120		04/05/16 12:39	1
Toluene-d8 (Surr)	102		71 - 126		04/05/16 12:39	1
Dibromofluoromethane (Surr)	100		60 - 140		04/05/16 12:39	1

Lab Sample ID: LCS 480-294058/4
Matrix: Water
Analysis Batch: 294058

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	22.8		ug/L		91	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.7		ug/L		91	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	20.1		ug/L		80	52 - 148
1,1,2-Trichloroethane	25.0	24.1		ug/L		96	76 - 122
1,1-Dichloroethane	25.0	22.8		ug/L		91	71 - 129
1,1-Dichloroethene	25.0	19.9		ug/L		80	58 - 121
1,2,4-Trichlorobenzene	25.0	25.8		ug/L		103	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	24.4		ug/L		98	56 - 134
1,2-Dibromoethane	25.0	24.3		ug/L		97	77 - 120
1,2-Dichlorobenzene	25.0	23.8		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	23.9		ug/L		95	75 - 127
1,2-Dichloropropane	25.0	23.2		ug/L		93	76 - 120
1,3-Dichlorobenzene	25.0	23.8		ug/L		95	77 - 120
1,4-Dichlorobenzene	25.0	23.6		ug/L		95	75 - 120
2-Butanone (MEK)	125	139		ug/L		111	57 - 140
2-Hexanone	125	122		ug/L		97	65 - 127
4-Methyl-2-pentanone (MIBK)	125	125		ug/L		100	71 - 125
Acetone	125	154		ug/L		123	56 - 142
Benzene	25.0	23.3		ug/L		93	71 - 124
Bromodichloromethane	25.0	24.4		ug/L		97	80 - 122
Bromoform	25.0	23.8		ug/L		95	52 - 132
Bromomethane	25.0	23.2		ug/L		93	55 - 144
Carbon disulfide	25.0	19.7		ug/L		79	59 - 134
Carbon tetrachloride	25.0	22.4		ug/L		89	72 - 134
Chlorobenzene	25.0	23.0		ug/L		92	72 - 120
Chloroethane	25.0	24.6		ug/L		98	69 - 136
Chloroform	25.0	22.4		ug/L		90	73 - 127
Chloromethane	25.0	27.8		ug/L		111	68 - 124
cis-1,2-Dichloroethene	25.0	23.6		ug/L		94	74 - 124
cis-1,3-Dichloropropene	25.0	24.6		ug/L		98	74 - 124
Cyclohexane	25.0	18.8		ug/L		75	59 - 135
Dibromochloromethane	25.0	24.6		ug/L		98	75 - 125
Dichlorodifluoromethane	25.0	36.0	*	ug/L		144	59 - 135
Ethylbenzene	25.0	22.4		ug/L		90	77 - 123
Isopropylbenzene	25.0	23.1		ug/L		92	77 - 122
Methyl acetate	125	126		ug/L		101	74 - 133
Methyl tert-butyl ether	25.0	23.1		ug/L		93	64 - 127
Methylcyclohexane	25.0	21.9		ug/L		87	61 - 138
Methylene Chloride	25.0	24.9		ug/L		99	57 - 132
Styrene	25.0	24.0		ug/L		96	70 - 130
Tetrachloroethene	25.0	23.0		ug/L		92	74 - 122
Toluene	25.0	22.4		ug/L		90	80 - 122
trans-1,2-Dichloroethene	25.0	23.3		ug/L		93	73 - 127

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-294058/4
Matrix: Water
Analysis Batch: 294058

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	25.0	23.8		ug/L		95	72 - 123
Trichloroethene	25.0	23.1		ug/L		92	74 - 123
Trichlorofluoromethane	25.0	30.1		ug/L		120	62 - 152
Vinyl chloride	25.0	27.6		ug/L		110	65 - 133
Xylenes, Total	50.0	46.9		ug/L		94	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*66 - 137*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*
Toluene-d8 (Surr)	*102*		*71 - 126*
Dibromofluoromethane (Surr)	*109*		*60 - 140*

Lab Sample ID: MB 480-294161/6
Matrix: Water
Analysis Batch: 294161

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/06/16 00:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/06/16 00:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/06/16 00:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/06/16 00:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/06/16 00:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/06/16 00:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/06/16 00:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/06/16 00:39	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/06/16 00:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/06/16 00:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/06/16 00:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/06/16 00:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/06/16 00:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/06/16 00:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/06/16 00:39	1
2-Hexanone	ND		5.0	1.2	ug/L			04/06/16 00:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/06/16 00:39	1
Acetone	ND		10	3.0	ug/L			04/06/16 00:39	1
Benzene	ND		1.0	0.41	ug/L			04/06/16 00:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/06/16 00:39	1
Bromoform	ND		1.0	0.26	ug/L			04/06/16 00:39	1
Bromomethane	ND		1.0	0.69	ug/L			04/06/16 00:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/06/16 00:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/06/16 00:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/06/16 00:39	1
Chloroethane	ND		1.0	0.32	ug/L			04/06/16 00:39	1
Chloroform	ND		1.0	0.34	ug/L			04/06/16 00:39	1
Chloromethane	ND		1.0	0.35	ug/L			04/06/16 00:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/06/16 00:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/06/16 00:39	1
Cyclohexane	ND		1.0	0.18	ug/L			04/06/16 00:39	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-294161/6
Matrix: Water
Analysis Batch: 294161

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		1.0	0.32	ug/L			04/06/16 00:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/06/16 00:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/06/16 00:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/06/16 00:39	1
Methyl acetate	ND		2.5	1.3	ug/L			04/06/16 00:39	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/06/16 00:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/06/16 00:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/06/16 00:39	1
Styrene	ND		1.0	0.73	ug/L			04/06/16 00:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/06/16 00:39	1
Toluene	ND		1.0	0.51	ug/L			04/06/16 00:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/06/16 00:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/06/16 00:39	1
Trichloroethene	ND		1.0	0.46	ug/L			04/06/16 00:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/06/16 00:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/06/16 00:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/06/16 00:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*04/06/16 00:39*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*04/06/16 00:39*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*04/06/16 00:39*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*		*04/06/16 00:39*	*1*

Lab Sample ID: LCS 480-294161/4
Matrix: Water
Analysis Batch: 294161

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	20.4		ug/L		82	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.1		ug/L		100	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroetha ne	25.0	16.3		ug/L		65	52 - 148
1,1,2-Trichloroethane	25.0	26.5		ug/L		106	76 - 122
1,1-Dichloroethane	25.0	21.7		ug/L		87	71 - 129
1,1-Dichloroethene	25.0	17.3		ug/L		69	58 - 121
1,2,4-Trichlorobenzene	25.0	25.3		ug/L		101	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.9		ug/L		91	56 - 134
1,2-Dibromoethane	25.0	27.4		ug/L		110	77 - 120
1,2-Dichlorobenzene	25.0	25.3		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	23.7		ug/L		95	75 - 127
1,2-Dichloropropane	25.0	23.7		ug/L		95	76 - 120
1,3-Dichlorobenzene	25.0	25.1		ug/L		100	77 - 120
1,4-Dichlorobenzene	25.0	24.8		ug/L		99	75 - 120
2-Butanone (MEK)	125	127		ug/L		102	57 - 140
2-Hexanone	125	135		ug/L		108	65 - 127
4-Methyl-2-pentanone (MIBK)	125	132		ug/L		106	71 - 125
Acetone	125	123		ug/L		99	56 - 142

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-294161/4
Matrix: Water
Analysis Batch: 294161

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	22.5		ug/L		90	71 - 124
Bromodichloromethane	25.0	24.9		ug/L		99	80 - 122
Bromoform	25.0	25.5		ug/L		102	52 - 132
Bromomethane	25.0	24.9		ug/L		100	55 - 144
Carbon disulfide	25.0	17.3		ug/L		69	59 - 134
Carbon tetrachloride	25.0	20.0		ug/L		80	72 - 134
Chlorobenzene	25.0	25.2		ug/L		101	72 - 120
Chloroethane	25.0	24.4		ug/L		98	69 - 136
Chloroform	25.0	23.0		ug/L		92	73 - 127
Chloromethane	25.0	29.0		ug/L		116	68 - 124
cis-1,2-Dichloroethene	25.0	22.5		ug/L		90	74 - 124
cis-1,3-Dichloropropene	25.0	25.6		ug/L		103	74 - 124
Cyclohexane	25.0	15.4		ug/L		62	59 - 135
Dibromochloromethane	25.0	27.0		ug/L		108	75 - 125
Dichlorodifluoromethane	25.0	39.8	*	ug/L		159	59 - 135
Ethylbenzene	25.0	23.6		ug/L		94	77 - 123
Isopropylbenzene	25.0	24.4		ug/L		98	77 - 122
Methyl acetate	125	115		ug/L		92	74 - 133
Methyl tert-butyl ether	25.0	23.2		ug/L		93	64 - 127
Methylcyclohexane	25.0	18.9		ug/L		76	61 - 138
Methylene Chloride	25.0	24.0		ug/L		96	57 - 132
Styrene	25.0	25.4		ug/L		102	70 - 130
Tetrachloroethene	25.0	26.3		ug/L		105	74 - 122
Toluene	25.0	23.7		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	21.8		ug/L		87	73 - 127
trans-1,3-Dichloropropene	25.0	26.4		ug/L		106	72 - 123
Trichloroethene	25.0	22.3		ug/L		89	74 - 123
Trichlorofluoromethane	25.0	28.3		ug/L		113	62 - 152
Vinyl chloride	25.0	27.7		ug/L		111	65 - 133
Xylenes, Total	50.0	49.0		ug/L		98	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Toluene-d8 (Surr)	*100*		*71 - 126*
Dibromofluoromethane (Surr)	*101*		*60 - 140*

Lab Sample ID: MB 480-294165/7
Matrix: Water
Analysis Batch: 294165

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/05/16 22:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/05/16 22:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/05/16 22:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/05/16 22:03	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/05/16 22:03	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/05/16 22:03	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-294165/7
Matrix: Water
Analysis Batch: 294165

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/05/16 22:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/05/16 22:03	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/05/16 22:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/05/16 22:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/05/16 22:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/05/16 22:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/05/16 22:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/05/16 22:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/05/16 22:03	1
2-Hexanone	ND		5.0	1.2	ug/L			04/05/16 22:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/05/16 22:03	1
Acetone	ND		10	3.0	ug/L			04/05/16 22:03	1
Benzene	ND		1.0	0.41	ug/L			04/05/16 22:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/05/16 22:03	1
Bromoform	ND		1.0	0.26	ug/L			04/05/16 22:03	1
Bromomethane	ND		1.0	0.69	ug/L			04/05/16 22:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/05/16 22:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/05/16 22:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/05/16 22:03	1
Chloroethane	ND		1.0	0.32	ug/L			04/05/16 22:03	1
Chloroform	ND		1.0	0.34	ug/L			04/05/16 22:03	1
Chloromethane	ND		1.0	0.35	ug/L			04/05/16 22:03	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/05/16 22:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/05/16 22:03	1
Cyclohexane	ND		1.0	0.18	ug/L			04/05/16 22:03	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/05/16 22:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/05/16 22:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/05/16 22:03	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/05/16 22:03	1
Methyl acetate	ND		2.5	1.3	ug/L			04/05/16 22:03	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/05/16 22:03	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/05/16 22:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/05/16 22:03	1
Styrene	ND		1.0	0.73	ug/L			04/05/16 22:03	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/05/16 22:03	1
Toluene	ND		1.0	0.51	ug/L			04/05/16 22:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/05/16 22:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/05/16 22:03	1
Trichloroethene	ND		1.0	0.46	ug/L			04/05/16 22:03	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/05/16 22:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/05/16 22:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/05/16 22:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*04/05/16 22:03*	*1*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*04/05/16 22:03*	*1*
Toluene-d8 (Surr)	*87*		*71 - 126*		*04/05/16 22:03*	*1*
Dibromofluoromethane (Surr)	*96*		*60 - 140*		*04/05/16 22:03*	*1*

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Lab Sample ID: LCS 480-294165/5
Matrix: Water
Analysis Batch: 294165

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	26.3		ug/L		105	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.2		ug/L		97	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.3		ug/L		109	52 - 148
1,1,2-Trichloroethane	25.0	24.5		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	26.6		ug/L		106	71 - 129
1,1-Dichloroethene	25.0	24.4		ug/L		98	58 - 121
1,2,4-Trichlorobenzene	25.0	24.5		ug/L		98	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.4		ug/L		94	56 - 134
1,2-Dibromoethane	25.0	23.5		ug/L		94	77 - 120
1,2-Dichlorobenzene	25.0	22.8		ug/L		91	80 - 124
1,2-Dichloroethane	25.0	25.4		ug/L		101	75 - 127
1,2-Dichloropropane	25.0	27.1		ug/L		109	76 - 120
1,3-Dichlorobenzene	25.0	23.9		ug/L		96	77 - 120
1,4-Dichlorobenzene	25.0	23.3		ug/L		93	75 - 120
2-Butanone (MEK)	125	170		ug/L		136	57 - 140
2-Hexanone	125	145		ug/L		116	65 - 127
4-Methyl-2-pentanone (MIBK)	125	133		ug/L		106	71 - 125
Acetone	125	215	*	ug/L		172	56 - 142
Benzene	25.0	26.6		ug/L		106	71 - 124
Bromodichloromethane	25.0	26.2		ug/L		105	80 - 122
Bromoform	25.0	26.1		ug/L		104	52 - 132
Bromomethane	25.0	26.9		ug/L		108	55 - 144
Carbon disulfide	25.0	26.0		ug/L		104	59 - 134
Carbon tetrachloride	25.0	25.5		ug/L		102	72 - 134
Chlorobenzene	25.0	23.8		ug/L		95	72 - 120
Chloroethane	25.0	25.0		ug/L		100	69 - 136
Chloroform	25.0	26.2		ug/L		105	73 - 127
Chloromethane	25.0	27.1		ug/L		109	68 - 124
cis-1,2-Dichloroethene	25.0	26.1		ug/L		104	74 - 124
cis-1,3-Dichloropropene	25.0	26.0		ug/L		104	74 - 124
Cyclohexane	25.0	26.2		ug/L		105	59 - 135
Dibromochloromethane	25.0	25.9		ug/L		104	75 - 125
Dichlorodifluoromethane	25.0	26.4		ug/L		106	59 - 135
Ethylbenzene	25.0	23.5		ug/L		94	77 - 123
Isopropylbenzene	25.0	23.0		ug/L		92	77 - 122
Methyl acetate	125	137		ug/L		110	74 - 133
Methyl tert-butyl ether	25.0	25.6		ug/L		102	64 - 127
Methylcyclohexane	25.0	25.7		ug/L		103	61 - 138
Methylene Chloride	25.0	25.9		ug/L		103	57 - 132
Styrene	25.0	25.2		ug/L		101	70 - 130
Tetrachloroethene	25.0	24.8		ug/L		99	74 - 122
Toluene	25.0	24.3		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	26.6		ug/L		107	73 - 127
trans-1,3-Dichloropropene	25.0	23.5		ug/L		94	72 - 123
Trichloroethene	25.0	25.9		ug/L		103	74 - 123
Trichlorofluoromethane	25.0	26.7		ug/L		107	62 - 152
Vinyl chloride	25.0	27.1		ug/L		108	65 - 133
Xylenes, Total	50.0	47.5		ug/L		95	76 - 122

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-294165/5
Matrix: Water
Analysis Batch: 294165

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 137*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*
Toluene-d8 (Surr)	*89*		*71 - 126*
Dibromofluoromethane (Surr)	*101*		*60 - 140*

Lab Sample ID: 480-97313-7 MS
Matrix: Ground Water
Analysis Batch: 294165

Client Sample ID: BCC Area C PS-06 MS 0316
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		125	139		ug/L		111	73 - 126
1,1,2,2-Tetrachloroethane	ND		125	130		ug/L		104	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		125	149		ug/L		119	52 - 148
1,1,2-Trichloroethane	ND		125	121		ug/L		97	76 - 122
1,1-Dichloroethane	ND		125	139		ug/L		111	71 - 129
1,1-Dichloroethene	ND		125	131		ug/L		105	58 - 121
1,2,4-Trichlorobenzene	ND		125	130		ug/L		104	70 - 122
1,2-Dibromo-3-Chloropropane	ND		125	151		ug/L		121	56 - 134
1,2-Dibromoethane	ND		125	122		ug/L		97	77 - 120
1,2-Dichlorobenzene	ND		125	117		ug/L		94	80 - 124
1,2-Dichloroethane	ND		125	125		ug/L		100	75 - 127
1,2-Dichloropropane	ND		125	134		ug/L		107	76 - 120
1,3-Dichlorobenzene	ND		125	124		ug/L		99	77 - 120
1,4-Dichlorobenzene	ND		125	119		ug/L		95	75 - 120
2-Butanone (MEK)	ND		625	834		ug/L		133	57 - 140
2-Hexanone	ND		625	757		ug/L		121	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		625	698		ug/L		112	71 - 125
Acetone	ND	*	625	857		ug/L		137	56 - 142
Benzene	ND		125	133		ug/L		106	71 - 124
Bromodichloromethane	ND		125	131		ug/L		105	80 - 122
Bromoform	ND		125	127		ug/L		101	52 - 132
Bromomethane	ND		125	139		ug/L		111	55 - 144
Carbon disulfide	ND		125	130		ug/L		104	59 - 134
Carbon tetrachloride	ND		125	131		ug/L		105	72 - 134
Chlorobenzene	ND		125	117		ug/L		94	72 - 120
Chloroethane	ND		125	134		ug/L		107	69 - 136
Chloroform	ND		125	132		ug/L		106	73 - 127
Chloromethane	ND		125	141		ug/L		113	68 - 124
cis-1,2-Dichloroethene	ND		125	131		ug/L		105	74 - 124
cis-1,3-Dichloropropene	ND		125	127		ug/L		101	74 - 124
Cyclohexane	ND		125	141		ug/L		113	59 - 135
Dibromochloromethane	ND		125	132		ug/L		105	75 - 125
Dichlorodifluoromethane	ND		125	145		ug/L		116	59 - 135
Ethylbenzene	ND		125	119		ug/L		96	77 - 123
Isopropylbenzene	ND		125	120		ug/L		96	77 - 122
Methyl acetate	ND		625	703		ug/L		112	74 - 133
Methyl tert-butyl ether	ND		125	128		ug/L		102	64 - 127

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-97313-7 MS
Matrix: Ground Water
Analysis Batch: 294165

Client Sample ID: BCC Area C PS-06 MS 0316
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylcyclohexane	ND		125	136		ug/L		109	61 - 138
Methylene Chloride	2.3	J	125	124		ug/L		98	57 - 132
Styrene	ND		125	122		ug/L		98	70 - 130
Tetrachloroethene	ND		125	126		ug/L		101	74 - 122
Toluene	ND		125	121		ug/L		97	80 - 122
trans-1,2-Dichloroethene	ND		125	131		ug/L		105	73 - 127
trans-1,3-Dichloropropene	ND		125	120		ug/L		96	72 - 123
Trichloroethene	ND		125	132		ug/L		106	74 - 123
Trichlorofluoromethane	ND		125	125		ug/L		100	62 - 152
Vinyl chloride	ND		125	136		ug/L		109	65 - 133
Xylenes, Total	ND		250	240		ug/L		96	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*
Toluene-d8 (Surr)	*87*		*71 - 126*
Dibromofluoromethane (Surr)	*99*		*60 - 140*

Lab Sample ID: 480-97313-7 MSD
Matrix: Ground Water
Analysis Batch: 294165

Client Sample ID: BCC Area C PS-06 MSD 0316
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		125	137		ug/L		109	73 - 126	1	15
1,1,2,2-Tetrachloroethane	ND		125	127		ug/L		102	70 - 126	2	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		125	144		ug/L		115	52 - 148	3	20
1,1,2-Trichloroethane	ND		125	127		ug/L		102	76 - 122	5	15
1,1-Dichloroethane	ND		125	138		ug/L		111	71 - 129	1	20
1,1-Dichloroethene	ND		125	125		ug/L		100	58 - 121	5	16
1,2,4-Trichlorobenzene	ND		125	124		ug/L		99	70 - 122	4	20
1,2-Dibromo-3-Chloropropane	ND		125	138		ug/L		110	56 - 134	9	15
1,2-Dibromoethane	ND		125	125		ug/L		100	77 - 120	3	15
1,2-Dichlorobenzene	ND		125	118		ug/L		94	80 - 124	0	20
1,2-Dichloroethane	ND		125	130		ug/L		104	75 - 127	3	20
1,2-Dichloropropane	ND		125	132		ug/L		106	76 - 120	1	20
1,3-Dichlorobenzene	ND		125	122		ug/L		98	77 - 120	1	20
1,4-Dichlorobenzene	ND		125	117		ug/L		93	75 - 120	2	20
2-Butanone (MEK)	ND		625	817		ug/L		131	57 - 140	2	20
2-Hexanone	ND		625	737		ug/L		118	65 - 127	3	15
4-Methyl-2-pentanone (MIBK)	ND		625	705		ug/L		113	71 - 125	1	35
Acetone	ND	*	625	861		ug/L		138	56 - 142	0	15
Benzene	ND		125	133		ug/L		107	71 - 124	0	13
Bromodichloromethane	ND		125	133		ug/L		107	80 - 122	1	15
Bromoform	ND		125	124		ug/L		99	52 - 132	2	15
Bromomethane	ND		125	138		ug/L		110	55 - 144	1	15
Carbon disulfide	ND		125	125		ug/L		100	59 - 134	3	15
Carbon tetrachloride	ND		125	127		ug/L		101	72 - 134	3	15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-97313-7 MSD
Matrix: Ground Water
Analysis Batch: 294165

Client Sample ID: BCC Area C PS-06 MSD 0316
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorobenzene	ND		125	120		ug/L		96	72 - 120	2	25
Chloroethane	ND		125	123		ug/L		98	69 - 136	8	15
Chloroform	ND		125	131		ug/L		105	73 - 127	1	20
Chloromethane	ND		125	129		ug/L		103	68 - 124	9	15
cis-1,2-Dichloroethene	ND		125	130		ug/L		104	74 - 124	1	15
cis-1,3-Dichloropropene	ND		125	128		ug/L		102	74 - 124	1	15
Cyclohexane	ND		125	136		ug/L		109	59 - 135	4	20
Dibromochloromethane	ND		125	131		ug/L		105	75 - 125	1	15
Dichlorodifluoromethane	ND		125	135		ug/L		108	59 - 135	7	20
Ethylbenzene	ND		125	120		ug/L		96	77 - 123	0	15
Isopropylbenzene	ND		125	118		ug/L		95	77 - 122	1	20
Methyl acetate	ND		625	710		ug/L		114	74 - 133	1	20
Methyl tert-butyl ether	ND		125	131		ug/L		105	64 - 127	2	37
Methylcyclohexane	ND		125	132		ug/L		106	61 - 138	3	20
Methylene Chloride	2.3	J	125	127		ug/L		100	57 - 132	2	15
Styrene	ND		125	128		ug/L		102	70 - 130	5	20
Tetrachloroethene	ND		125	128		ug/L		102	74 - 122	1	20
Toluene	ND		125	124		ug/L		99	80 - 122	3	15
trans-1,2-Dichloroethene	ND		125	134		ug/L		107	73 - 127	2	20
trans-1,3-Dichloropropene	ND		125	118		ug/L		94	72 - 123	2	15
Trichloroethene	ND		125	131		ug/L		104	74 - 123	1	16
Trichlorofluoromethane	ND		125	126		ug/L		101	62 - 152	0	20
Vinyl chloride	ND		125	134		ug/L		107	65 - 133	1	15
Xylenes, Total	ND		250	245		ug/L		98	76 - 122	2	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*66 - 137*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Toluene-d8 (Surr)	*91*		*71 - 126*
Dibromofluoromethane (Surr)	*101*		*60 - 140*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-293406/1-A
Matrix: Water
Analysis Batch: 293682

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 293406

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/31/16 08:17	04/01/16 14:21	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/31/16 08:17	04/01/16 14:21	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/31/16 08:17	04/01/16 14:21	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/31/16 08:17	04/01/16 14:21	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/31/16 08:17	04/01/16 14:21	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/31/16 08:17	04/01/16 14:21	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/31/16 08:17	04/01/16 14:21	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/31/16 08:17	04/01/16 14:21	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/31/16 08:17	04/01/16 14:21	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/31/16 08:17	04/01/16 14:21	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-293406/1-A
Matrix: Water
Analysis Batch: 293682

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 293406

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		5.0	0.40	ug/L		03/31/16 08:17	04/01/16 14:21	1
2-Nitroaniline	ND		10	0.42	ug/L		03/31/16 08:17	04/01/16 14:21	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/31/16 08:17	04/01/16 14:21	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/31/16 08:17	04/01/16 14:21	1
3-Nitroaniline	ND		10	0.48	ug/L		03/31/16 08:17	04/01/16 14:21	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/31/16 08:17	04/01/16 14:21	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/31/16 08:17	04/01/16 14:21	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/31/16 08:17	04/01/16 14:21	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/31/16 08:17	04/01/16 14:21	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/31/16 08:17	04/01/16 14:21	1
4-Methylphenol	ND		10	0.36	ug/L		03/31/16 08:17	04/01/16 14:21	1
4-Nitroaniline	ND		10	0.25	ug/L		03/31/16 08:17	04/01/16 14:21	1
4-Nitrophenol	ND		10	1.5	ug/L		03/31/16 08:17	04/01/16 14:21	1
Acenaphthene	ND		5.0	0.41	ug/L		03/31/16 08:17	04/01/16 14:21	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/31/16 08:17	04/01/16 14:21	1
Acetophenone	ND		5.0	0.54	ug/L		03/31/16 08:17	04/01/16 14:21	1
Aniline	ND		10	0.61	ug/L		03/31/16 08:17	04/01/16 14:21	1
Anthracene	ND		5.0	0.28	ug/L		03/31/16 08:17	04/01/16 14:21	1
Atrazine	ND		5.0	0.46	ug/L		03/31/16 08:17	04/01/16 14:21	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/31/16 08:17	04/01/16 14:21	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/31/16 08:17	04/01/16 14:21	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/31/16 08:17	04/01/16 14:21	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/31/16 08:17	04/01/16 14:21	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/31/16 08:17	04/01/16 14:21	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/31/16 08:17	04/01/16 14:21	1
Biphenyl	ND		5.0	0.65	ug/L		03/31/16 08:17	04/01/16 14:21	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/31/16 08:17	04/01/16 14:21	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/31/16 08:17	04/01/16 14:21	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/31/16 08:17	04/01/16 14:21	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		03/31/16 08:17	04/01/16 14:21	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		03/31/16 08:17	04/01/16 14:21	1
Caprolactam	ND		5.0	2.2	ug/L		03/31/16 08:17	04/01/16 14:21	1
Carbazole	ND		5.0	0.30	ug/L		03/31/16 08:17	04/01/16 14:21	1
Chrysene	ND		5.0	0.33	ug/L		03/31/16 08:17	04/01/16 14:21	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/31/16 08:17	04/01/16 14:21	1
Dibenzofuran	ND		10	0.51	ug/L		03/31/16 08:17	04/01/16 14:21	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/31/16 08:17	04/01/16 14:21	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/31/16 08:17	04/01/16 14:21	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/31/16 08:17	04/01/16 14:21	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/31/16 08:17	04/01/16 14:21	1
Fluoranthene	ND		5.0	0.40	ug/L		03/31/16 08:17	04/01/16 14:21	1
Fluorene	ND		5.0	0.36	ug/L		03/31/16 08:17	04/01/16 14:21	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/31/16 08:17	04/01/16 14:21	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/31/16 08:17	04/01/16 14:21	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/31/16 08:17	04/01/16 14:21	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/31/16 08:17	04/01/16 14:21	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/31/16 08:17	04/01/16 14:21	1
Isophorone	ND		5.0	0.43	ug/L		03/31/16 08:17	04/01/16 14:21	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-293406/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 293682 — **Prep Batch: 293406**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0	0.76	ug/L		03/31/16 08:17	04/01/16 14:21	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/31/16 08:17	04/01/16 14:21	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/31/16 08:17	04/01/16 14:21	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/31/16 08:17	04/01/16 14:21	1
Pentachlorophenol	ND		10	2.2	ug/L		03/31/16 08:17	04/01/16 14:21	1
Phenanthrene	ND		5.0	0.44	ug/L		03/31/16 08:17	04/01/16 14:21	1
Phenol	ND		5.0	0.39	ug/L		03/31/16 08:17	04/01/16 14:21	1
Pyrene	ND		5.0	0.34	ug/L		03/31/16 08:17	04/01/16 14:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*103*		*52 - 132*	*03/31/16 08:17*	*04/01/16 14:21*	*1*
2-Fluorobiphenyl	*93*		*48 - 120*	*03/31/16 08:17*	*04/01/16 14:21*	*1*
2-Fluorophenol	*67*		*20 - 120*	*03/31/16 08:17*	*04/01/16 14:21*	*1*
Nitrobenzene-d5	*104*		*46 - 120*	*03/31/16 08:17*	*04/01/16 14:21*	*1*
Phenol-d5	*44*		*16 - 120*	*03/31/16 08:17*	*04/01/16 14:21*	*1*
p-Terphenyl-d14	*117*		*67 - 150*	*03/31/16 08:17*	*04/01/16 14:21*	*1*

Lab Sample ID: LCS 480-293406/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 293682 — **Prep Batch: 293406**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	16.0	17.5		ug/L		109	65 - 126
2,4,6-Trichlorophenol	16.0	16.4		ug/L		102	64 - 120
2,4-Dichlorophenol	16.0	16.0		ug/L		100	64 - 120
2,4-Dimethylphenol	16.0	15.0		ug/L		94	57 - 120
2,4-Dinitrophenol	32.0	43.6		ug/L		136	42 - 153
2,4-Dinitrotoluene	16.0	16.7		ug/L		105	65 - 154
2,6-Dinitrotoluene	16.0	16.9		ug/L		106	74 - 134
2-Chloronaphthalene	16.0	15.1		ug/L		94	41 - 124
2-Chlorophenol	16.0	14.4		ug/L		90	48 - 120
2-Methylnaphthalene	16.0	15.4		ug/L		96	34 - 122
2-Methylphenol	16.0	13.8		ug/L		86	39 - 120
2-Nitroaniline	16.0	18.6		ug/L		116	67 - 136
2-Nitrophenol	16.0	17.6		ug/L		110	59 - 120
3,3'-Dichlorobenzidine	32.0	36.5		ug/L		114	33 - 140
3-Nitroaniline	16.0	15.2		ug/L		95	28 - 130
4,6-Dinitro-2-methylphenol	32.0	42.8		ug/L		134	64 - 159
4-Bromophenyl phenyl ether	16.0	15.9		ug/L		100	71 - 126
4-Chloro-3-methylphenol	16.0	16.8		ug/L		105	64 - 120
4-Chloroaniline	16.0	13.1		ug/L		82	10 - 130
4-Chlorophenyl phenyl ether	16.0	15.7		ug/L		98	71 - 122
4-Methylphenol	16.0	13.0		ug/L		81	39 - 120
4-Nitroaniline	16.0	15.4		ug/L		96	47 - 130
4-Nitrophenol	32.0	24.0		ug/L		75	16 - 120
Acenaphthene	16.0	15.6		ug/L		98	60 - 120
Acenaphthylene	16.0	16.2		ug/L		102	63 - 120
Acetophenone	16.0	14.9		ug/L		93	45 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-293406/2-A
Matrix: Water
Analysis Batch: 293682

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 293406

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aniline	16.0	11.1		ug/L		70	37 - 120
Anthracene	16.0	16.5		ug/L		103	58 - 148
Atrazine	32.0	38.4		ug/L		120	56 - 179
Benzaldehyde	32.0	14.4		ug/L		45	30 - 140
Benzo(a)anthracene	16.0	16.8		ug/L		105	55 - 151
Benzo(a)pyrene	16.0	17.1		ug/L		107	60 - 145
Benzo(b)fluoranthene	16.0	18.3		ug/L		114	54 - 140
Benzo(g,h,i)perylene	16.0	17.0		ug/L		106	66 - 152
Benzo(k)fluoranthene	16.0	16.6		ug/L		104	51 - 153
Biphenyl	16.0	15.5		ug/L		97	30 - 140
bis (2-chloroisopropyl) ether	16.0	15.4		ug/L		96	28 - 136
Bis(2-chloroethoxy)methane	16.0	15.0		ug/L		94	50 - 128
Bis(2-chloroethyl)ether	16.0	14.6		ug/L		91	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	18.2		ug/L		113	53 - 158
Butyl benzyl phthalate	16.0	18.3		ug/L		115	58 - 163
Caprolactam	32.0	13.5		ug/L		42	14 - 130
Carbazole	16.0	17.4		ug/L		109	59 - 148
Chrysene	16.0	16.4		ug/L		102	69 - 140
Dibenz(a,h)anthracene	16.0	17.3		ug/L		108	57 - 148
Dibenzofuran	16.0	16.1		ug/L		101	49 - 137
Diethyl phthalate	16.0	16.8		ug/L		105	59 - 146
Dimethyl phthalate	16.0	17.1		ug/L		107	59 - 141
Di-n-butyl phthalate	16.0	18.3		ug/L		114	58 - 149
Di-n-octyl phthalate	16.0	17.1		ug/L		107	55 - 167
Fluoranthene	16.0	18.0		ug/L		112	55 - 147
Fluorene	16.0	16.3		ug/L		102	55 - 143
Hexachlorobenzene	16.0	15.0		ug/L		94	14 - 130
Hexachlorobutadiene	16.0	13.2		ug/L		83	14 - 130
Hexachlorocyclopentadiene	16.0	13.4		ug/L		84	13 - 130
Hexachloroethane	16.0	13.0		ug/L		81	14 - 130
Indeno(1,2,3-cd)pyrene	16.0	17.4		ug/L		109	69 - 146
Isophorone	16.0	15.9		ug/L		99	48 - 133
Naphthalene	16.0	15.0		ug/L		94	35 - 130
Nitrobenzene	16.0	16.5		ug/L		103	45 - 123
N-Nitrosodi-n-propylamine	16.0	15.1		ug/L		94	56 - 120
N-Nitrosodiphenylamine	16.0	15.9		ug/L		100	25 - 125
Pentachlorophenol	32.0	29.9		ug/L		94	39 - 136
Phenanthrene	16.0	16.6		ug/L		104	57 - 147
Phenol	16.0	8.07		ug/L		50	17 - 120
Pyrene	16.0	17.7		ug/L		111	58 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*117*		*52 - 132*
2-Fluorobiphenyl	*95*		*48 - 120*
2-Fluorophenol	*76*		*20 - 120*
Nitrobenzene-d5	*101*		*46 - 120*
Phenol-d5	*53*		*16 - 120*
p-Terphenyl-d14	*106*		*67 - 150*

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Lab Sample ID: 480-97313-7 MS
Matrix: Ground Water
Analysis Batch: 293786

Client Sample ID: BCC Area C PS-06 MS 0316
Prep Type: Total/NA
Prep Batch: 293406

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		15.1	17.5		ug/L		115	65 - 126
2,4,6-Trichlorophenol	ND		15.1	16.4		ug/L		109	64 - 120
2,4-Dichlorophenol	ND		15.1	15.7		ug/L		104	64 - 120
2,4-Dimethylphenol	ND		15.1	15.2		ug/L		101	57 - 120
2,4-Dinitrophenol	ND	F1	30.2	50.2	F1	ug/L		166	42 - 153
2,4-Dinitrotoluene	ND		15.1	16.5		ug/L		109	62 - 148
2,6-Dinitrotoluene	ND		15.1	17.3		ug/L		114	65 - 154
2-Chloronaphthalene	ND		15.1	14.3		ug/L		95	41 - 124
2-Chlorophenol	ND		15.1	14.0		ug/L		92	48 - 120
2-Methylnaphthalene	ND		15.1	14.6		ug/L		97	34 - 122
2-Methylphenol	ND		15.1	13.3		ug/L		88	39 - 120
2-Nitroaniline	ND	F1	15.1	21.5	F1	ug/L		142	67 - 136
2-Nitrophenol	ND		15.1	16.9		ug/L		112	59 - 120
3,3'-Dichlorobenzidine	ND	F1	30.2	4.68	J F1	ug/L		15	33 - 140
3-Nitroaniline	ND		15.1	11.3		ug/L		74	69 - 129
4,6-Dinitro-2-methylphenol	ND		30.2	45.3		ug/L		150	64 - 159
4-Bromophenyl phenyl ether	ND		15.1	15.5		ug/L		103	71 - 126
4-Chloro-3-methylphenol	ND		15.1	16.5		ug/L		109	64 - 120
4-Chloroaniline	ND	F1	15.1	8.16	F1	ug/L		54	60 - 124
4-Chlorophenyl phenyl ether	ND		15.1	15.6		ug/L		103	48 - 145
4-Methylphenol	ND		15.1	12.7		ug/L		84	36 - 120
4-Nitroaniline	ND		15.1	13.3		ug/L		88	64 - 135
4-Nitrophenol	ND		30.2	23.7		ug/L		78	16 - 120
Acenaphthene	ND		15.1	15.3		ug/L		101	60 - 120
Acenaphthylene	ND		15.1	15.8		ug/L		105	63 - 120
Acetophenone	ND		15.1	14.2		ug/L		94	45 - 120
Aniline	ND		15.1	10.1		ug/L		67	37 - 120
Anthracene	ND		15.1	16.5		ug/L		109	58 - 148
Atrazine	ND		30.2	35.4		ug/L		117	56 - 179
Benzaldehyde	0.29	J	30.2	12.9		ug/L		42	30 - 140
Benzo(a)anthracene	ND		15.1	13.6		ug/L		90	55 - 151
Benzo(a)pyrene	ND		15.1	11.9		ug/L		79	60 - 145
Benzo(b)fluoranthene	ND		15.1	12.3		ug/L		82	54 - 140
Benzo(g,h,i)perylene	ND		15.1	11.0		ug/L		73	66 - 152
Benzo(k)fluoranthene	ND		15.1	11.2		ug/L		74	51 - 153
Biphenyl	ND		15.1	14.8		ug/L		98	30 - 140
bis (2-chloroisopropyl) ether	ND		15.1	14.7		ug/L		97	28 - 136
Bis(2-chloroethoxy)methane	ND		15.1	14.1		ug/L		93	50 - 128
Bis(2-chloroethyl)ether	ND		15.1	14.4		ug/L		95	51 - 120
Bis(2-ethylhexyl) phthalate	ND		15.1	12.4		ug/L		82	53 - 158
Butyl benzyl phthalate	ND		15.1	17.0		ug/L		113	58 - 163
Caprolactam	ND		30.2	13.1		ug/L		43	30 - 140
Carbazole	ND		15.1	17.2		ug/L		113	59 - 148
Chrysene	ND		15.1	12.8		ug/L		85	69 - 140
Dibenz(a,h)anthracene	ND		15.1	11.0		ug/L		73	57 - 158
Dibenzofuran	ND		15.1	15.6		ug/L		103	49 - 137
Diethyl phthalate	ND		15.1	16.6		ug/L		110	59 - 146
Dimethyl phthalate	ND		15.1	16.8		ug/L		111	59 - 141
Di-n-butyl phthalate	ND		15.1	18.3		ug/L		121	58 - 149
Di-n-octyl phthalate	ND		15.1	11.8		ug/L		78	55 - 167

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-97313-7 MS
Matrix: Ground Water
Analysis Batch: 293786

Client Sample ID: BCC Area C PS-06 MS 0316
Prep Type: Total/NA
Prep Batch: 293406

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoranthene	ND		15.1	17.3		ug/L		115	55 - 147
Fluorene	ND		15.1	16.2		ug/L		107	55 - 143
Hexachlorobenzene	ND		15.1	14.4		ug/L		95	38 - 131
Hexachlorobutadiene	ND		15.1	13.0		ug/L		86	14 - 130
Hexachlorocyclopentadiene	ND		15.1	13.6		ug/L		90	13 - 130
Hexachloroethane	ND		15.1	12.7		ug/L		84	14 - 130
Indeno(1,2,3-cd)pyrene	ND	F1	15.1	11.3		ug/L		74	69 - 146
Isophorone	ND		15.1	15.3		ug/L		101	48 - 133
Naphthalene	ND		15.1	14.5		ug/L		96	35 - 130
Nitrobenzene	ND		15.1	15.8		ug/L		105	45 - 123
N-Nitrosodi-n-propylamine	ND		15.1	14.3		ug/L		95	56 - 120
N-Nitrosodiphenylamine	ND		15.1	15.9		ug/L		105	25 - 125
Pentachlorophenol	ND		30.2	34.2		ug/L		113	39 - 136
Phenanthrene	ND		15.1	16.4		ug/L		109	57 - 147
Phenol	ND		15.1	7.78		ug/L		51	17 - 120
Pyrene	ND		15.1	17.1		ug/L		113	58 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*126*		*52 - 132*
2-Fluorobiphenyl	*94*		*48 - 120*
2-Fluorophenol	*75*		*20 - 120*
Nitrobenzene-d5	*101*		*46 - 120*
Phenol-d5	*53*		*16 - 120*
p-Terphenyl-d14	*82*		*67 - 150*

Lab Sample ID: 480-97313-7 MSD
Matrix: Ground Water
Analysis Batch: 293786

Client Sample ID: BCC Area C PS-06 MSD 0316
Prep Type: Total/NA
Prep Batch: 293406

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		15.0	16.5		ug/L		110	65 - 126	6	18
2,4,6-Trichlorophenol	ND		15.0	15.5		ug/L		103	64 - 120	6	19
2,4-Dichlorophenol	ND		15.0	14.8		ug/L		98	64 - 120	6	19
2,4-Dimethylphenol	ND		15.0	14.5		ug/L		96	57 - 120	5	42
2,4-Dinitrophenol	ND	F1	30.0	46.1		ug/L		153	42 - 153	8	22
2,4-Dinitrotoluene	ND		15.0	15.5		ug/L		103	62 - 148	6	20
2,6-Dinitrotoluene	ND		15.0	16.0		ug/L		107	65 - 154	8	15
2-Chloronaphthalene	ND		15.0	13.5		ug/L		90	41 - 124	6	21
2-Chlorophenol	ND		15.0	13.3		ug/L		88	48 - 120	5	25
2-Methylnaphthalene	ND		15.0	14.0		ug/L		93	34 - 122	4	21
2-Methylphenol	ND		15.0	12.7		ug/L		85	39 - 120	4	27
2-Nitroaniline	ND	F1	15.0	20.5	F1	ug/L		137	67 - 136	5	15
2-Nitrophenol	ND		15.0	16.2		ug/L		108	59 - 120	4	18
3,3'-Dichlorobenzidine	ND	F1	30.0	4.17	J F1	ug/L		14	33 - 140	12	25
3-Nitroaniline	ND		15.0	10.4		ug/L		69	69 - 129	8	19
4,6-Dinitro-2-methylphenol	ND		30.0	43.0		ug/L		143	64 - 159	5	15
4-Bromophenyl phenyl ether	ND		15.0	14.6		ug/L		97	71 - 126	6	15
4-Chloro-3-methylphenol	ND		15.0	15.3		ug/L		102	64 - 120	7	27

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-97313-7 MSD — **Client Sample ID: BCC Area C PS-06 MSD 0316**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 293786 — **Prep Batch: 293406**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Chloroaniline	ND	F1	15.0	7.88	F1	ug/L		52	60 - 124	3	22
4-Chlorophenyl phenyl ether	ND		15.0	14.6		ug/L		97	48 - 145	7	16
4-Methylphenol	ND		15.0	11.9		ug/L		79	36 - 120	6	24
4-Nitroaniline	ND		15.0	12.8		ug/L		85	64 - 135	4	24
4-Nitrophenol	ND		30.0	21.4		ug/L		71	16 - 120	10	48
Acenaphthene	ND		15.0	14.2		ug/L		95	60 - 120	7	24
Acenaphthylene	ND		15.0	14.7		ug/L		98	63 - 120	7	18
Acetophenone	ND		15.0	13.6		ug/L		91	45 - 120	4	20
Aniline	ND		15.0	9.43		ug/L		63	37 - 120	7	30
Anthracene	ND		15.0	15.6		ug/L		104	58 - 148	6	15
Atrazine	ND		30.0	32.6		ug/L		109	56 - 179	8	20
Benzaldehyde	0.29	J	30.0	12.4		ug/L		40	30 - 140	4	20
Benzo(a)anthracene	ND		15.0	12.7		ug/L		84	55 - 151	7	15
Benzo(a)pyrene	ND		15.0	10.9		ug/L		73	60 - 145	9	15
Benzo(b)fluoranthene	ND		15.0	11.2		ug/L		75	54 - 140	9	15
Benzo(g,h,i)perylene	ND		15.0	9.87		ug/L		66	66 - 152	11	15
Benzo(k)fluoranthene	ND		15.0	9.95		ug/L		66	51 - 153	12	22
Biphenyl	ND		15.0	14.1		ug/L		94	30 - 140	5	20
bis (2-chloroisopropyl) ether	ND		15.0	14.0		ug/L		93	28 - 136	5	24
Bis(2-chloroethoxy)methane	ND		15.0	13.4		ug/L		89	50 - 128	5	17
Bis(2-chloroethyl)ether	ND		15.0	13.8		ug/L		92	51 - 120	4	21
Bis(2-ethylhexyl) phthalate	ND		15.0	11.5		ug/L		77	53 - 158	7	15
Butyl benzyl phthalate	ND		15.0	16.0		ug/L		106	58 - 163	6	16
Caprolactam	ND		30.0	12.0		ug/L		40	30 - 140	9	20
Carbazole	ND		15.0	16.1		ug/L		107	59 - 148	6	20
Chrysene	ND		15.0	11.9		ug/L		79	69 - 140	7	15
Dibenz(a,h)anthracene	ND		15.0	10.1		ug/L		67	57 - 158	9	15
Dibenzofuran	ND		15.0	14.8		ug/L		99	49 - 137	5	15
Diethyl phthalate	ND		15.0	15.6		ug/L		104	59 - 146	6	15
Dimethyl phthalate	ND		15.0	15.9		ug/L		106	59 - 141	5	15
Di-n-butyl phthalate	ND		15.0	17.1		ug/L		114	58 - 149	7	15
Di-n-octyl phthalate	ND		15.0	11.0		ug/L		73	55 - 167	7	16
Fluoranthene	ND		15.0	16.2		ug/L		108	55 - 147	6	15
Fluorene	ND		15.0	15.2		ug/L		101	55 - 143	6	15
Hexachlorobenzene	ND		15.0	13.7		ug/L		92	38 - 131	5	15
Hexachlorobutadiene	ND		15.0	12.2		ug/L		82	14 - 130	6	44
Hexachlorocyclopentadiene	ND		15.0	12.6		ug/L		84	13 - 130	7	49
Hexachloroethane	ND		15.0	12.1		ug/L		80	14 - 130	5	46
Indeno(1,2,3-cd)pyrene	ND	F1	15.0	10.2	F1	ug/L		68	69 - 146	10	15
Isophorone	ND		15.0	14.6		ug/L		97	48 - 133	5	17
Naphthalene	ND		15.0	13.4		ug/L		90	35 - 130	7	29
Nitrobenzene	ND		15.0	14.9		ug/L		99	45 - 123	6	24
N-Nitrosodi-n-propylamine	ND		15.0	13.8		ug/L		92	56 - 120	4	31
N-Nitrosodiphenylamine	ND		15.0	14.7		ug/L		98	25 - 125	8	15
Pentachlorophenol	ND		30.0	32.0		ug/L		106	39 - 136	7	37
Phenanthrene	ND		15.0	15.5		ug/L		103	57 - 147	6	15
Phenol	ND		15.0	7.50		ug/L		50	17 - 120	4	34
Pyrene	ND		15.0	16.0		ug/L		107	58 - 136	6	19

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-97313-7 MSD
Matrix: Ground Water
Analysis Batch: 293786

Client Sample ID: BCC Area C PS-06 MSD 0316
Prep Type: Total/NA
Prep Batch: 293406

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*120*		*52 - 132*
2-Fluorobiphenyl	*91*		*48 - 120*
2-Fluorophenol	*72*		*20 - 120*
Nitrobenzene-d5	*98*		*46 - 120*
Phenol-d5	*52*		*16 - 120*
p-Terphenyl-d14	*77*		*67 - 150*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-293429/1-A
Matrix: Water
Analysis Batch: 293999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 293429

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/31/16 11:35	04/04/16 14:08	1
Antimony	ND		0.020	0.0068	mg/L		03/31/16 11:35	04/04/16 14:08	1
Arsenic	ND		0.015	0.0056	mg/L		03/31/16 11:35	04/04/16 14:08	1
Barium	ND		0.0020	0.00070	mg/L		03/31/16 11:35	04/04/16 14:08	1
Beryllium	ND		0.0020	0.00030	mg/L		03/31/16 11:35	04/04/16 14:08	1
Cadmium	ND		0.0020	0.00050	mg/L		03/31/16 11:35	04/04/16 14:08	1
Calcium	ND		0.50	0.10	mg/L		03/31/16 11:35	04/04/16 14:08	1
Chromium	ND		0.0040	0.0010	mg/L		03/31/16 11:35	04/04/16 14:08	1
Cobalt	ND		0.0040	0.00063	mg/L		03/31/16 11:35	04/04/16 14:08	1
Copper	ND		0.010	0.0016	mg/L		03/31/16 11:35	04/04/16 14:08	1
Iron	ND		0.050	0.019	mg/L		03/31/16 11:35	04/04/16 14:08	1
Lead	ND		0.010	0.0030	mg/L		03/31/16 11:35	04/04/16 14:08	1
Magnesium	ND		0.20	0.043	mg/L		03/31/16 11:35	04/04/16 14:08	1
Manganese	ND		0.0030	0.00040	mg/L		03/31/16 11:35	04/04/16 14:08	1
Nickel	ND		0.010	0.0013	mg/L		03/31/16 11:35	04/04/16 14:08	1
Potassium	ND		0.50	0.10	mg/L		03/31/16 11:35	04/04/16 14:08	1
Selenium	ND		0.025	0.0087	mg/L		03/31/16 11:35	04/04/16 14:08	1
Silver	ND		0.0060	0.0017	mg/L		03/31/16 11:35	04/04/16 14:08	1
Sodium	ND		1.0	0.32	mg/L		03/31/16 11:35	04/04/16 14:08	1
Thallium	ND		0.020	0.010	mg/L		03/31/16 11:35	04/04/16 14:08	1
Vanadium	ND		0.0050	0.0015	mg/L		03/31/16 11:35	04/04/16 14:08	1
Zinc	ND		0.010	0.0015	mg/L		03/31/16 11:35	04/04/16 14:08	1

Lab Sample ID: LCS 480-293429/2-A
Matrix: Water
Analysis Batch: 293852

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 293429

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	9.90		mg/L		99	80 - 120
Antimony	0.200	0.206		mg/L		103	80 - 120
Arsenic	0.200	0.207		mg/L		104	80 - 120
Barium	0.200	0.205		mg/L		102	80 - 120
Beryllium	0.200	0.212		mg/L		106	80 - 120
Cadmium	0.200	0.208		mg/L		104	80 - 120

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-293429/2-A
Matrix: Water
Analysis Batch: 293852

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 293429

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	10.0	9.82		mg/L		98	80 - 120
Chromium	0.200	0.211		mg/L		106	80 - 120
Cobalt	0.200	0.201		mg/L		100	80 - 120
Copper	0.200	0.199		mg/L		99	80 - 120
Iron	10.0	10.47	^	mg/L		105	80 - 120
Lead	0.200	0.204		mg/L		102	80 - 120
Magnesium	10.0	10.27		mg/L		103	80 - 120
Manganese	0.200	0.207		mg/L		103	80 - 120
Nickel	0.200	0.196		mg/L		98	80 - 120
Potassium	10.0	10.08		mg/L		101	80 - 120
Selenium	0.200	0.199		mg/L		100	80 - 120
Silver	0.0500	0.0469		mg/L		94	80 - 120
Sodium	10.0	10.06		mg/L		100	80 - 120
Thallium	0.200	0.203		mg/L		102	80 - 120
Vanadium	0.200	0.204		mg/L		102	80 - 120
Zinc	0.200	0.213		mg/L		107	80 - 120

Lab Sample ID: 480-97313-7 MS
Matrix: Ground Water
Analysis Batch: 293852

Client Sample ID: BCC Area C PS-06 MS 0316
Prep Type: Total/NA
Prep Batch: 293429

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	ND		10.0	10.24		mg/L		102	75 - 125
Antimony	ND		0.200	0.222		mg/L		111	75 - 125
Arsenic	0.073		0.200	0.301		mg/L		114	75 - 125
Barium	0.0094		0.200	0.214		mg/L		102	75 - 125
Beryllium	ND		0.200	0.219		mg/L		110	75 - 125
Cadmium	ND		0.200	0.221		mg/L		111	75 - 125
Calcium	244		10.0	252.1	4	mg/L		78	75 - 125
Chromium	ND		0.200	0.215		mg/L		107	75 - 125
Cobalt	ND		0.200	0.215		mg/L		108	75 - 125
Copper	ND		0.200	0.212		mg/L		106	75 - 125
Iron	55.1	^	10.0	64.71	4 ^	mg/L		96	75 - 125
Lead	ND		0.200	0.219		mg/L		110	75 - 125
Magnesium	14.9		10.0	25.38		mg/L		104	75 - 125
Manganese	0.25		0.200	0.457		mg/L		104	75 - 125
Nickel	ND		0.200	0.210		mg/L		105	75 - 125
Potassium	70.2		10.0	80.86	4	mg/L		107	75 - 125
Selenium	ND		0.200	0.215		mg/L		107	75 - 125
Silver	ND		0.0500	0.0502		mg/L		100	75 - 125
Sodium	84.7		10.0	95.22	4	mg/L		105	75 - 125
Thallium	ND		0.200	0.210		mg/L		105	75 - 125
Vanadium	ND		0.200	0.217		mg/L		109	75 - 125
Zinc	0.0038	J	0.200	0.218		mg/L		107	75 - 125

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-97313-7 MSD — **Client Sample ID: BCC Area C PS-06 MSD 0316**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 293852 — **Prep Batch: 293429**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	ND		10.0	10.43		mg/L		104	75 - 125	2	20
Antimony	ND		0.200	0.227		mg/L		113	75 - 125	2	20
Arsenic	0.073		0.200	0.298		mg/L		113	75 - 125	1	20
Barium	0.0094		0.200	0.215		mg/L		103	75 - 125	1	20
Beryllium	ND		0.200	0.220		mg/L		110	75 - 125	1	20
Cadmium	ND		0.200	0.222		mg/L		111	75 - 125	0	20
Calcium	244		10.0	246.5	4	mg/L		21	75 - 125	2	20
Chromium	ND		0.200	0.215		mg/L		108	75 - 125	0	20
Cobalt	ND		0.200	0.216		mg/L		108	75 - 125	0	20
Copper	ND		0.200	0.209		mg/L		105	75 - 125	1	20
Iron	55.1	^	10.0	64.39	4	mg/L		93	75 - 125	0	20
Lead	ND		0.200	0.218		mg/L		109	75 - 125	1	20
Magnesium	14.9		10.0	24.91		mg/L		100	75 - 125	2	20
Manganese	0.25		0.200	0.449		mg/L		100	75 - 125	2	20
Nickel	ND		0.200	0.210		mg/L		105	75 - 125	0	20
Potassium	70.2		10.0	79.58	4	mg/L		94	75 - 125	2	20
Selenium	ND		0.200	0.215		mg/L		107	75 - 125	0	20
Silver	ND		0.0500	0.0485		mg/L		97	75 - 125	3	20
Sodium	84.7		10.0	94.15	4	mg/L		95	75 - 125	1	20
Thallium	ND		0.200	0.209		mg/L		104	75 - 125	1	20
Vanadium	ND		0.200	0.213		mg/L		107	75 - 125	2	20
Zinc	0.0038	J	0.200	0.220		mg/L		108	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-293386/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 293492 — **Prep Batch: 293386**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/31/16 08:30	03/31/16 12:28	1

Lab Sample ID: LCS 480-293386/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 293492 — **Prep Batch: 293386**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00642		mg/L		96	80 - 120

Lab Sample ID: 480-97313-7 MS — **Client Sample ID: BCC Area C PS-06 MS 0316**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 293492 — **Prep Batch: 293386**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00670		mg/L		100	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 480-97313-7 MSD
Matrix: Ground Water
Analysis Batch: 293492

Client Sample ID: BCC Area C PS-06 MSD 0316
Prep Type: Total/NA
Prep Batch: 293386

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00668		mg/L		100	80 - 120	0	20

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

GC/MS VOA

Analysis Batch: 294058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-97313-1	BCC Area C MW-C01 0316	Total/NA	Ground Water	8260C	
480-97313-3	BCC Area C PS-04 0316	Total/NA	Ground Water	8260C	
LCS 480-294058/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-294058/6	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 294161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-97313-2	BCC Area C RFI-31 0316	Total/NA	Ground Water	8260C	
LCS 480-294161/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-294161/6	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 294165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-97313-4	BCC Area C MW-C04 0316	Total/NA	Ground Water	8260C	
480-97313-5	BCC Area C RFI-20 0316	Total/NA	Ground Water	8260C	
480-97313-6	BCC Area C PS-05A 0316	Total/NA	Ground Water	8260C	
480-97313-7	BCC Area C PS-06 0316	Total/NA	Ground Water	8260C	
480-97313-7 MS	BCC Area C PS-06 MS 0316	Total/NA	Ground Water	8260C	
480-97313-7 MSD	BCC Area C PS-06 MSD 0316	Total/NA	Ground Water	8260C	
480-97313-8	BCC Area C PS-06 D 0316	Total/NA	Ground Water	8260C	
480-97313-9	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-294165/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-294165/7	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 293406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-97313-1	BCC Area C MW-C01 0316	Total/NA	Ground Water	3510C	
480-97313-2	BCC Area C RFI-31 0316	Total/NA	Ground Water	3510C	
480-97313-3	BCC Area C PS-04 0316	Total/NA	Ground Water	3510C	
480-97313-4	BCC Area C MW-C04 0316	Total/NA	Ground Water	3510C	
480-97313-5	BCC Area C RFI-20 0316	Total/NA	Ground Water	3510C	
480-97313-6	BCC Area C PS-05A 0316	Total/NA	Ground Water	3510C	
480-97313-7	BCC Area C PS-06 0316	Total/NA	Ground Water	3510C	
480-97313-7 MS	BCC Area C PS-06 MS 0316	Total/NA	Ground Water	3510C	
480-97313-7 MSD	BCC Area C PS-06 MSD 0316	Total/NA	Ground Water	3510C	
480-97313-8	BCC Area C PS-06 D 0316	Total/NA	Ground Water	3510C	
LCS 480-293406/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-293406/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 293682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-97313-1	BCC Area C MW-C01 0316	Total/NA	Ground Water	8270D	293406
480-97313-2	BCC Area C RFI-31 0316	Total/NA	Ground Water	8270D	293406
480-97313-3	BCC Area C PS-04 0316	Total/NA	Ground Water	8270D	293406
480-97313-4	BCC Area C MW-C04 0316	Total/NA	Ground Water	8270D	293406
480-97313-5	BCC Area C RFI-20 0316	Total/NA	Ground Water	8270D	293406
480-97313-6	BCC Area C PS-05A 0316	Total/NA	Ground Water	8270D	293406
LCS 480-293406/2-A	Lab Control Sample	Total/NA	Water	8270D	293406

GC/MS Semi VOA (Continued)

Analysis Batch: 293682 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-293406/1-A	Method Blank	Total/NA	Water	8270D	293406

Analysis Batch: 293786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-97313-7	BCC Area C PS-06 0316	Total/NA	Ground Water	8270D	293406
480-97313-7 MS	BCC Area C PS-06 MS 0316	Total/NA	Ground Water	8270D	293406
480-97313-7 MSD	BCC Area C PS-06 MSD 0316	Total/NA	Ground Water	8270D	293406
480-97313-8	BCC Area C PS-06 D 0316	Total/NA	Ground Water	8270D	293406

Metals

Prep Batch: 293386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-97313-1	BCC Area C MW-C01 0316	Total/NA	Ground Water	7470A	
480-97313-2	BCC Area C RFI-31 0316	Total/NA	Ground Water	7470A	
480-97313-3	BCC Area C PS-04 0316	Total/NA	Ground Water	7470A	
480-97313-4	BCC Area C MW-C04 0316	Total/NA	Ground Water	7470A	
480-97313-5	BCC Area C RFI-20 0316	Total/NA	Ground Water	7470A	
480-97313-6	BCC Area C PS-05A 0316	Total/NA	Ground Water	7470A	
480-97313-7	BCC Area C PS-06 0316	Total/NA	Ground Water	7470A	
480-97313-7 MS	BCC Area C PS-06 MS 0316	Total/NA	Ground Water	7470A	
480-97313-7 MSD	BCC Area C PS-06 MSD 0316	Total/NA	Ground Water	7470A	
480-97313-8	BCC Area C PS-06 D 0316	Total/NA	Ground Water	7470A	
480-97313-10	BCC Area C MW-C04F 0316	Total/NA	Ground Water	7470A	
LCS 480-293386/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-293386/1-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 293429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-97313-1	BCC Area C MW-C01 0316	Total/NA	Ground Water	3005A	
480-97313-2	BCC Area C RFI-31 0316	Total/NA	Ground Water	3005A	
480-97313-3	BCC Area C PS-04 0316	Total/NA	Ground Water	3005A	
480-97313-4	BCC Area C MW-C04 0316	Total/NA	Ground Water	3005A	
480-97313-5	BCC Area C RFI-20 0316	Total/NA	Ground Water	3005A	
480-97313-6	BCC Area C PS-05A 0316	Total/NA	Ground Water	3005A	
480-97313-7	BCC Area C PS-06 0316	Total/NA	Ground Water	3005A	
480-97313-7 MS	BCC Area C PS-06 MS 0316	Total/NA	Ground Water	3005A	
480-97313-7 MSD	BCC Area C PS-06 MSD 0316	Total/NA	Ground Water	3005A	
480-97313-8	BCC Area C PS-06 D 0316	Total/NA	Ground Water	3005A	
480-97313-10	BCC Area C MW-C04F 0316	Total/NA	Ground Water	3005A	
LCS 480-293429/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-293429/1-A	Method Blank	Total/NA	Water	3005A	

Analysis Batch: 293492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-97313-1	BCC Area C MW-C01 0316	Total/NA	Ground Water	7470A	293386
480-97313-2	BCC Area C RFI-31 0316	Total/NA	Ground Water	7470A	293386
480-97313-3	BCC Area C PS-04 0316	Total/NA	Ground Water	7470A	293386
480-97313-4	BCC Area C MW-C04 0316	Total/NA	Ground Water	7470A	293386
480-97313-5	BCC Area C RFI-20 0316	Total/NA	Ground Water	7470A	293386

Metals (Continued)

Analysis Batch: 293492 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-97313-6	BCC Area C PS-05A 0316	Total/NA	Ground Water	7470A	293386
480-97313-7	BCC Area C PS-06 0316	Total/NA	Ground Water	7470A	293386
480-97313-7 MS	BCC Area C PS-06 MS 0316	Total/NA	Ground Water	7470A	293386
480-97313-7 MSD	BCC Area C PS-06 MSD 0316	Total/NA	Ground Water	7470A	293386
480-97313-8	BCC Area C PS-06 D 0316	Total/NA	Ground Water	7470A	293386
480-97313-10	BCC Area C MW-C04F 0316	Total/NA	Ground Water	7470A	293386
LCS 480-293386/2-A	Lab Control Sample	Total/NA	Water	7470A	293386
MB 480-293386/1-A	Method Blank	Total/NA	Water	7470A	293386

Analysis Batch: 293852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-97313-2	BCC Area C RFI-31 0316	Total/NA	Ground Water	6010C	293429
480-97313-4	BCC Area C MW-C04 0316	Total/NA	Ground Water	6010C	293429
480-97313-5	BCC Area C RFI-20 0316	Total/NA	Ground Water	6010C	293429
480-97313-6	BCC Area C PS-05A 0316	Total/NA	Ground Water	6010C	293429
480-97313-7	BCC Area C PS-06 0316	Total/NA	Ground Water	6010C	293429
480-97313-7 MS	BCC Area C PS-06 MS 0316	Total/NA	Ground Water	6010C	293429
480-97313-7 MSD	BCC Area C PS-06 MSD 0316	Total/NA	Ground Water	6010C	293429
480-97313-8	BCC Area C PS-06 D 0316	Total/NA	Ground Water	6010C	293429
480-97313-10	BCC Area C MW-C04F 0316	Total/NA	Ground Water	6010C	293429
LCS 480-293429/2-A	Lab Control Sample	Total/NA	Water	6010C	293429

Analysis Batch: 293999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-97313-1	BCC Area C MW-C01 0316	Total/NA	Ground Water	6010C	293429
480-97313-3	BCC Area C PS-04 0316	Total/NA	Ground Water	6010C	293429
MB 480-293429/1-A	Method Blank	Total/NA	Water	6010C	293429

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C MW-C01 0316

Lab Sample ID: 480-97313-1

Date Collected: 03/30/16 13:00
Matrix: Ground Water
Date Received: 03/30/16 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	294058	04/05/16 18:57	RRS	TAL BUF
Total/NA	Prep	3510C			293406	03/31/16 08:17	RJS	TAL BUF
Total/NA	Analysis	8270D		1	293682	04/01/16 16:49	PJQ	TAL BUF
Total/NA	Prep	3005A			293429	03/31/16 11:35	CMM	TAL BUF
Total/NA	Analysis	6010C		1	293999	04/04/16 14:11	LMH	TAL BUF
Total/NA	Prep	7470A			293386	03/31/16 08:30	TAS	TAL BUF
Total/NA	Analysis	7470A		1	293492	03/31/16 12:33	TAS	TAL BUF

Client Sample ID: BCC Area C RFI-31 0316

Lab Sample ID: 480-97313-2

Date Collected: 03/30/16 11:10
Matrix: Ground Water
Date Received: 03/30/16 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	294161	04/06/16 08:29	SWO	TAL BUF
Total/NA	Prep	3510C			293406	03/31/16 08:17	RJS	TAL BUF
Total/NA	Analysis	8270D		1	293682	04/01/16 17:18	PJQ	TAL BUF
Total/NA	Prep	3005A			293429	03/31/16 11:35	CMM	TAL BUF
Total/NA	Analysis	6010C		1	293852	04/01/16 15:42	LMH	TAL BUF
Total/NA	Prep	7470A			293386	03/31/16 08:30	TAS	TAL BUF
Total/NA	Analysis	7470A		1	293492	03/31/16 12:34	TAS	TAL BUF

Client Sample ID: BCC Area C PS-04 0316

Lab Sample ID: 480-97313-3

Date Collected: 03/29/16 14:30
Matrix: Ground Water
Date Received: 03/30/16 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	294058	04/05/16 19:51	RRS	TAL BUF
Total/NA	Prep	3510C			293406	03/31/16 08:17	RJS	TAL BUF
Total/NA	Analysis	8270D		1	293682	04/01/16 17:47	PJQ	TAL BUF
Total/NA	Prep	3005A			293429	03/31/16 11:35	CMM	TAL BUF
Total/NA	Analysis	6010C		1	293999	04/04/16 14:15	LMH	TAL BUF
Total/NA	Prep	7470A			293386	03/31/16 08:30	TAS	TAL BUF
Total/NA	Analysis	7470A		1	293492	03/31/16 12:36	TAS	TAL BUF

Client Sample ID: BCC Area C MW-C04 0316

Lab Sample ID: 480-97313-4

Date Collected: 03/30/16 12:10
Matrix: Ground Water
Date Received: 03/30/16 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	294165	04/06/16 00:04	GTG	TAL BUF
Total/NA	Prep	3510C			293406	03/31/16 08:17	RJS	TAL BUF
Total/NA	Analysis	8270D		1	293682	04/01/16 18:16	PJQ	TAL BUF

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C MW-C04 0316

Lab Sample ID: 480-97313-4

Date Collected: 03/30/16 12:10
Matrix: Ground Water
Date Received: 03/30/16 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			293429	03/31/16 11:35	CMM	TAL BUF
Total/NA	Analysis	6010C		1	293852	04/01/16 15:49	LMH	TAL BUF
Total/NA	Prep	7470A			293386	03/31/16 08:30	TAS	TAL BUF
Total/NA	Analysis	7470A		1	293492	03/31/16 12:38	TAS	TAL BUF

Client Sample ID: BCC Area C RFI-20 0316

Lab Sample ID: 480-97313-5

Date Collected: 03/30/16 08:50
Matrix: Ground Water
Date Received: 03/30/16 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	294165	04/06/16 00:28	GTG	TAL BUF
Total/NA	Prep	3510C			293406	03/31/16 08:17	RJS	TAL BUF
Total/NA	Analysis	8270D		1	293682	04/01/16 18:45	PJQ	TAL BUF
Total/NA	Prep	3005A			293429	03/31/16 11:35	CMM	TAL BUF
Total/NA	Analysis	6010C		1	293852	04/01/16 15:52	LMH	TAL BUF
Total/NA	Prep	7470A			293386	03/31/16 08:30	TAS	TAL BUF
Total/NA	Analysis	7470A		1	293492	03/31/16 12:41	TAS	TAL BUF

Client Sample ID: BCC Area C PS-05A 0316

Lab Sample ID: 480-97313-6

Date Collected: 03/30/16 10:10
Matrix: Ground Water
Date Received: 03/30/16 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	294165	04/06/16 00:53	GTG	TAL BUF
Total/NA	Prep	3510C			293406	03/31/16 08:17	RJS	TAL BUF
Total/NA	Analysis	8270D		1	293682	04/01/16 19:14	PJQ	TAL BUF
Total/NA	Prep	3005A			293429	03/31/16 11:35	CMM	TAL BUF
Total/NA	Analysis	6010C		1	293852	04/01/16 15:55	LMH	TAL BUF
Total/NA	Prep	7470A			293386	03/31/16 08:30	TAS	TAL BUF
Total/NA	Analysis	7470A		1	293492	03/31/16 12:46	TAS	TAL BUF

Client Sample ID: BCC Area C PS-06 0316

Lab Sample ID: 480-97313-7

Date Collected: 03/29/16 13:10
Matrix: Ground Water
Date Received: 03/30/16 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	294165	04/06/16 01:17	GTG	TAL BUF
Total/NA	Prep	3510C			293406	03/31/16 08:17	RJS	TAL BUF
Total/NA	Analysis	8270D		1	293786	04/02/16 15:39	PJQ	TAL BUF
Total/NA	Prep	3005A			293429	03/31/16 11:35	CMM	TAL BUF
Total/NA	Analysis	6010C		1	293852	04/01/16 15:58	LMH	TAL BUF
Total/NA	Prep	7470A			293386	03/31/16 08:30	TAS	TAL BUF
Total/NA	Analysis	7470A		1	293492	03/31/16 12:47	TAS	TAL BUF

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Client Sample ID: BCC Area C PS-06 D 0316

Lab Sample ID: 480-97313-8

Date Collected: 03/29/16 13:20
Matrix: Ground Water
Date Received: 03/30/16 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	294165	04/06/16 01:41	GTG	TAL BUF
Total/NA	Prep	3510C			293406	03/31/16 08:17	RJS	TAL BUF
Total/NA	Analysis	8270D		1	293786	04/02/16 16:09	PJQ	TAL BUF
Total/NA	Prep	3005A			293429	03/31/16 11:35	CMM	TAL BUF
Total/NA	Analysis	6010C		1	293852	04/01/16 16:23	LMH	TAL BUF
Total/NA	Prep	7470A			293386	03/31/16 08:30	TAS	TAL BUF
Total/NA	Analysis	7470A		1	293492	03/31/16 12:55	TAS	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-97313-9

Date Collected: 03/29/16 00:00
Matrix: Water
Date Received: 03/30/16 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	294165	04/06/16 02:05	GTG	TAL BUF

Client Sample ID: BCC Area C MW-C04F 0316

Lab Sample ID: 480-97313-10

Date Collected: 03/30/16 12:20
Matrix: Ground Water
Date Received: 03/30/16 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			293429	03/31/16 11:35	CMM	TAL BUF
Total/NA	Analysis	6010C		1	293852	04/01/16 16:27	LMH	TAL BUF
Total/NA	Prep	7470A			293386	03/31/16 08:30	TAS	TAL BUF
Total/NA	Analysis	7470A		1	293492	03/31/16 12:57	TAS	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-17

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-97313-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-97313-1	BCC Area C MW-C01 0316	Ground Water	03/30/16 13:00	03/30/16 15:40
480-97313-2	BCC Area C RFI-31 0316	Ground Water	03/30/16 11:10	03/30/16 15:40
480-97313-3	BCC Area C PS-04 0316	Ground Water	03/29/16 14:30	03/30/16 15:40
480-97313-4	BCC Area C MW-C04 0316	Ground Water	03/30/16 12:10	03/30/16 15:40
480-97313-5	BCC Area C RFI-20 0316	Ground Water	03/30/16 08:50	03/30/16 15:40
480-97313-6	BCC Area C PS-05A 0316	Ground Water	03/30/16 10:10	03/30/16 15:40
480-97313-7	BCC Area C PS-06 0316	Ground Water	03/29/16 13:10	03/30/16 15:40
480-97313-8	BCC Area C PS-06 D 0316	Ground Water	03/29/16 13:20	03/30/16 15:40
480-97313-9	TRIP BLANK	Water	03/29/16 00:00	03/30/16 15:40
480-97313-10	BCC Area C MW-C04F 0316	Ground Water	03/30/16 12:20	03/30/16 15:40

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
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TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Schove, John	Site Contact: Tom Wagner	Date: 3-30-16	COC No: 296375.0316
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY, 14203	Calendar (C) or Work Days (W) W			
716-856-3333 Phone	TAT			
716-842-1630 FAX	[X] 2 weeks			SDG No.
Project Name: Buffalo Color Area C Wells	[ ] 1 week			
Site: HoneyWell Buffalo Color - NYC915231 EIM SITE ID - 37745	[ ] 2 days			
PO# 52954	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	6010B, 7470A (TAL Metals)	8270C - (MOD) TLC SVOA - 4.2 list + analine	Sample Specific Notes:
BCC_Area C_MW-C01_0316	3/30-16	1300	G	W	6	N	3	1	2	
BCC_Area C_RFI-31_0316	3/30-16	1110	G	W	6	N	3	1	2	
BCC_Area C_PS-04_0316	3/29-16	1430	G	W	6	N	3	1	2	
BCC_Area C_MW-C04_0316	3/30-16	1210	G	W	6	N	3	1	2	
BCC_Area C_RFI-20_0316	3/30-16	850	G	W	6	N	3	1	2	
BCC_Area C_PS-05A_0316	3/30-16	1010	G	W	6	N	3	1	2	
BCC_Area C_PS-06_0316	3/29-16	1310	G	W	6	N	3	1	2	
BCC_Area C_PS-06 D_0316	3/29-16	1320	G	W	6	N	3	1	2	
BCC_Area C_PS-06 MS_0316	3/29-16	1330	G	W	6	N	3	1	2	
BCC_Area C_PS-06 MSD_0316	3/29-16	1340	G	W	6	N	3	1	2	
Trip Blank	N/A	N/A	N/A	W	2		2			
BCC_AREA C_MW-C04F_0316	3/30-16	1220	G	W	1			1		
Container Volume (ml)							40	250	1000	
							2-V	4-P	1-A	

480-97313 Chain of Custody

Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other

Possible Hazard Identification
[ ] *Non-Hazard* [ ] *Flammable* [ ] *Skin Irritant* [ ] *Poison B* [X] *Unknown*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
[ ] *Return To Client* [X] *Disposal By Lab* [ ] *Archive For _____ Months*

Special Instructions/QC Requirements & Comments:

Container Code: A=Amber G=Glass P=Poly/Plastic S=Summa T=Tedlar V=Vial

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	3/30/16 1540	[signature]	TA Buf.	3/30/16 1540
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

#1 3.6°c

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-97313-1

Login Number: 97313

List Source: TestAmerica Buffalo

List Number: 1

Creator: Hulbert, Michael J

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	ONTARIO SPECIALTY CONTRACTING INC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

TestAmerica

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ANALYTICAL REPORT

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TestAmerica Job ID: 480-100698-1
Client Project/Site: Buffalo Color Area C Wells
Sampling Event: Buffalo Color Area C Wells

For:
Ontario Specialty Contracting, Inc.
333 Ganson St.
Buffalo, New York 14203

Attn: Kirsten Colligan

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
F1	MS and/or MSD Recovery is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-100698-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-100698-1

Comments
No additional comments.

Receipt
The samples were received on 5/25/2016 3:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.4º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-303982 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane. The sample associated with this CCV was non-detect for the affected analyte; therefore, the data have been reported. The following sample was impacted: BCC Area C MW-C01_0616 (480-100698-1).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-304131 recovered outside acceptance criteria, low biased, for Chloromethane and Cyclohexane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data has been reported for the affected samples BCC Area C PS-04_0616 (480-100698-3), BCC Area C RFI-20_0616 (480-100698-5), BCC Area C PS-05A_0616 (480-100698-6) and TRIP BLANK (480-100698-9) ..

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area C PS-05A_0616 (480-100698-6). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-304145 recovered outside acceptance criteria, low biased, for Methyl tert-butyl ether. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted: BCC Area C MW-C04_0616 (480-100698-4), (480-100698-D-4 MS) and (480-100698-D-4 MSD).

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area C MW-C04_0616 (480-100698-4), (480-100698-D-4 MS) and (480-100698-D-4 MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area C RFI-31_0616 (480-100698-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-304198 recovered outside acceptance criteria, low biased, for Pentachlorophenol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: BCC Area C RFI-31_0616 (480-100698-2). These results have been reported and qualified.

Method(s) 8270D: The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 480-304198 was outside criteria for the following analyte(s): Bis(2-chloroethoxy)methane and N-Nitrosodi-n-propylamine. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Job ID: 480-100698-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C MW-C01_0616 — Lab Sample ID: 480-100698-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aniline	0.67	J	9.5	0.58	ug/L	1		8270D	Total/NA
Aluminum	0.32		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.10		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	124		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0031	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0078	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.26		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	17.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.014		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0017	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	50.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	303		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.037	B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C RFI-31_0616 — Lab Sample ID: 480-100698-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	260		5.0	2.1	ug/L	5		8260C	Total/NA
1,2-Dichlorobenzene	10		5.0	4.0	ug/L	5		8260C	Total/NA
1,3-Dichlorobenzene	170		5.0	3.9	ug/L	5		8260C	Total/NA
1,4-Dichlorobenzene	20		5.0	4.2	ug/L	5		8260C	Total/NA
Chlorobenzene	20		5.0	3.8	ug/L	5		8260C	Total/NA
2,4-Dichlorophenol	0.93	J	4.7	0.48	ug/L	1		8270D	Total/NA
Arsenic	0.0088	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.028		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	446		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0011	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0030	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0021	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	4.0		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	167		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.5		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0034	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	12.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	2240		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0081	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-04_0616 — Lab Sample ID: 480-100698-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.15	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.057		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0070		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	204		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0011	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.14		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.013		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.56		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	30.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.8		0.0030	0.00040	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C PS-04_0616 (Continued) — Lab Sample ID: 480-100698-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.096		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	6.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	25.2		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.37	B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C MW-C04_0616 — Lab Sample ID: 480-100698-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Dichlorobenzene	24		10	7.8	ug/L	10		8260C	Total/NA
1,4-Dichlorobenzene	38		10	8.4	ug/L	10		8260C	Total/NA
Chlorobenzene	340		10	7.5	ug/L	10		8260C	Total/NA
2-Chlorophenol	1.2	J	4.8	0.51	ug/L	1		8270D	Total/NA
N-Nitrosodiphenylamine	0.62	J	4.8	0.49	ug/L	1		8270D	Total/NA
Aluminum	0.41		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.18		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	261		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0014	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.020		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	9.9		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	33.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.6		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	8.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	42.9		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0016	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.024	B	0.010	0.0015	mg/L	1		6010C	Total/NA
Mercury	0.00013	J	0.00020	0.00012	mg/L	1		7470A	Total/NA

Client Sample ID: BCC Area C RFI-20_0616 — Lab Sample ID: 480-100698-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.0	J	10	3.0	ug/L	1		8260C	Total/NA
Chlorobenzene	24		1.0	0.75	ug/L	1		8260C	Total/NA
Aluminum	0.17	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.050		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	185		0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.012		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	3.4		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	39.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.20		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.012		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	7.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	20.8		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0084	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-05A_0616 — Lab Sample ID: 480-100698-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	4.1	J	5.0	4.0	ug/L	5		8260C	Total/NA
Chlorobenzene	250		5.0	3.8	ug/L	5		8260C	Total/NA
2-Chlorophenol	1.1	J	5.0	0.53	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C PS-05A_0616 (Continued) — Lab Sample ID: 480-100698-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.13	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.11		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.049		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	215		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0016	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0043	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	15.7		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	20.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.30		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0042	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	11.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	92.5		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.013	B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-06_0616 — Lab Sample ID: 480-100698-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.1		1.0	0.38	ug/L	1		8260C	Total/NA
1,3-Dichlorobenzene	1.1		1.0	0.78	ug/L	1		8260C	Total/NA
Acetone	4.1	J	10	3.0	ug/L	1		8260C	Total/NA
Chlorobenzene	1.6		1.0	0.75	ug/L	1		8260C	Total/NA
2,6-Dinitrotoluene	0.86	J	5.1	0.41	ug/L	1		8270D	Total/NA
Aniline	0.67	J	10	0.63	ug/L	1		8270D	Total/NA
Arsenic	0.073		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.011		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	265		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	56.9		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	17.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.28		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	70.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	111		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0062	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C_MW-C01 D_0616 — Lab Sample ID: 480-100698-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aniline	0.74	J	9.4	0.57	ug/L	1		8270D	Total/NA
Aluminum	0.31		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.10		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	122		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0029	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0081	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.27		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	17.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.014		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0024	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	50.0		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	297		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.035	B	0.010	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-100698-9

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C MW-C01_0616

Lab Sample ID: 480-100698-1

Date Collected: 05/23/16 11:40
Matrix: Ground Water
Date Received: 05/25/16 15:15

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	F2	1.0	0.82	ug/L			05/27/16 17:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/27/16 17:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/27/16 17:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/27/16 17:36	1
1,1-Dichloroethane	ND	F2	1.0	0.38	ug/L			05/27/16 17:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/27/16 17:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/27/16 17:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/27/16 17:36	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/27/16 17:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/27/16 17:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/27/16 17:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/27/16 17:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/27/16 17:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/27/16 17:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/27/16 17:36	1
2-Hexanone	ND		5.0	1.2	ug/L			05/27/16 17:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/27/16 17:36	1
Acetone	ND		10	3.0	ug/L			05/27/16 17:36	1
Benzene	ND	F2	1.0	0.41	ug/L			05/27/16 17:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/27/16 17:36	1
Bromoform	ND		1.0	0.26	ug/L			05/27/16 17:36	1
Bromomethane	ND		1.0	0.69	ug/L			05/27/16 17:36	1
Carbon disulfide	ND	F2	1.0	0.19	ug/L			05/27/16 17:36	1
Carbon tetrachloride	ND	F2	1.0	0.27	ug/L			05/27/16 17:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/27/16 17:36	1
Chloroethane	ND		1.0	0.32	ug/L			05/27/16 17:36	1
Chloroform	ND		1.0	0.34	ug/L			05/27/16 17:36	1
Chloromethane	ND		1.0	0.35	ug/L			05/27/16 17:36	1
cis-1,2-Dichloroethene	ND	F2	1.0	0.81	ug/L			05/27/16 17:36	1
cis-1,3-Dichloropropene	ND	F1	1.0	0.36	ug/L			05/27/16 17:36	1
Cyclohexane	ND		1.0	0.18	ug/L			05/27/16 17:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/27/16 17:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/27/16 17:36	1
Ethylbenzene	ND	F2	1.0	0.74	ug/L			05/27/16 17:36	1
Isopropylbenzene	ND	F2	1.0	0.79	ug/L			05/27/16 17:36	1
Methyl acetate	ND		2.5	1.3	ug/L			05/27/16 17:36	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/27/16 17:36	1
Methylcyclohexane	ND	F2	1.0	0.16	ug/L			05/27/16 17:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/27/16 17:36	1
Styrene	ND		1.0	0.73	ug/L			05/27/16 17:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/27/16 17:36	1
Toluene	ND	F2	1.0	0.51	ug/L			05/27/16 17:36	1
trans-1,2-Dichloroethene	ND	F2	1.0	0.90	ug/L			05/27/16 17:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/27/16 17:36	1
Trichloroethene	ND	F2	1.0	0.46	ug/L			05/27/16 17:36	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/27/16 17:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/27/16 17:36	1
Xylenes, Total	ND	F2	2.0	0.66	ug/L			05/27/16 17:36	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C MW-C01_0616

Date Collected: 05/23/16 11:40
Date Received: 05/25/16 15:15

Lab Sample ID: 480-100698-1

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*		*05/27/16 17:36*	*1*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*05/27/16 17:36*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*05/27/16 17:36*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*		*05/27/16 17:36*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.46	ug/L		05/26/16 14:30	05/28/16 18:53	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		05/26/16 14:30	05/28/16 18:53	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		05/26/16 14:30	05/28/16 18:53	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		05/26/16 14:30	05/28/16 18:53	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		05/26/16 14:30	05/28/16 18:53	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		05/26/16 14:30	05/28/16 18:53	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		05/26/16 14:30	05/28/16 18:53	1
2-Chloronaphthalene	ND		4.7	0.44	ug/L		05/26/16 14:30	05/28/16 18:53	1
2-Chlorophenol	ND		4.7	0.50	ug/L		05/26/16 14:30	05/28/16 18:53	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		05/26/16 14:30	05/28/16 18:53	1
2-Methylphenol	ND		4.7	0.38	ug/L		05/26/16 14:30	05/28/16 18:53	1
2-Nitroaniline	ND		9.5	0.40	ug/L		05/26/16 14:30	05/28/16 18:53	1
2-Nitrophenol	ND		4.7	0.46	ug/L		05/26/16 14:30	05/28/16 18:53	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		05/26/16 14:30	05/28/16 18:53	1
3-Nitroaniline	ND		9.5	0.46	ug/L		05/26/16 14:30	05/28/16 18:53	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		05/26/16 14:30	05/28/16 18:53	1
4-Bromophenyl phenyl ether	ND		4.7	0.43	ug/L		05/26/16 14:30	05/28/16 18:53	1
4-Chloro-3-methylphenol	ND		4.7	0.43	ug/L		05/26/16 14:30	05/28/16 18:53	1
4-Chloroaniline	ND		4.7	0.56	ug/L		05/26/16 14:30	05/28/16 18:53	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		05/26/16 14:30	05/28/16 18:53	1
4-Methylphenol	ND		9.5	0.34	ug/L		05/26/16 14:30	05/28/16 18:53	1
4-Nitroaniline	ND		9.5	0.24	ug/L		05/26/16 14:30	05/28/16 18:53	1
4-Nitrophenol	ND		9.5	1.4	ug/L		05/26/16 14:30	05/28/16 18:53	1
Acenaphthene	ND		4.7	0.39	ug/L		05/26/16 14:30	05/28/16 18:53	1
Acenaphthylene	ND		4.7	0.36	ug/L		05/26/16 14:30	05/28/16 18:53	1
Acetophenone	ND		4.7	0.51	ug/L		05/26/16 14:30	05/28/16 18:53	1
Aniline	**0.67**	**J**	9.5	0.58	ug/L		05/26/16 14:30	05/28/16 18:53	1
Anthracene	ND		4.7	0.27	ug/L		05/26/16 14:30	05/28/16 18:53	1
Atrazine	ND		4.7	0.44	ug/L		05/26/16 14:30	05/28/16 18:53	1
Benzaldehyde	ND		4.7	0.25	ug/L		05/26/16 14:30	05/28/16 18:53	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		05/26/16 14:30	05/28/16 18:53	1
Benzo(a)pyrene	ND		4.7	0.45	ug/L		05/26/16 14:30	05/28/16 18:53	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		05/26/16 14:30	05/28/16 18:53	1
Benzo(g,h,i)perylene	ND	F1	4.7	0.33	ug/L		05/26/16 14:30	05/28/16 18:53	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		05/26/16 14:30	05/28/16 18:53	1
Biphenyl	ND		4.7	0.62	ug/L		05/26/16 14:30	05/28/16 18:53	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		05/26/16 14:30	05/28/16 18:53	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		05/26/16 14:30	05/28/16 18:53	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		05/26/16 14:30	05/28/16 18:53	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		05/26/16 14:30	05/28/16 18:53	1
Butyl benzyl phthalate	ND		4.7	0.95	ug/L		05/26/16 14:30	05/28/16 18:53	1
Caprolactam	ND		4.7	2.1	ug/L		05/26/16 14:30	05/28/16 18:53	1
Carbazole	ND		4.7	0.28	ug/L		05/26/16 14:30	05/28/16 18:53	1

Client Sample ID: BCC Area C MW-C01_0616

Lab Sample ID: 480-100698-1
Date Collected: 05/23/16 11:40
Matrix: Ground Water
Date Received: 05/25/16 15:15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		05/26/16 14:30	05/28/16 18:53	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		05/26/16 14:30	05/28/16 18:53	1
Dibenzofuran	ND		9.5	0.48	ug/L		05/26/16 14:30	05/28/16 18:53	1
Diethyl phthalate	ND		4.7	0.21	ug/L		05/26/16 14:30	05/28/16 18:53	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		05/26/16 14:30	05/28/16 18:53	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		05/26/16 14:30	05/28/16 18:53	1
Di-n-octyl phthalate	ND		4.7	0.45	ug/L		05/26/16 14:30	05/28/16 18:53	1
Fluoranthene	ND		4.7	0.38	ug/L		05/26/16 14:30	05/28/16 18:53	1
Fluorene	ND		4.7	0.34	ug/L		05/26/16 14:30	05/28/16 18:53	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		05/26/16 14:30	05/28/16 18:53	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		05/26/16 14:30	05/28/16 18:53	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		05/26/16 14:30	05/28/16 18:53	1
Hexachloroethane	ND		4.7	0.56	ug/L		05/26/16 14:30	05/28/16 18:53	1
Indeno(1,2,3-cd)pyrene	ND	F1	4.7	0.45	ug/L		05/26/16 14:30	05/28/16 18:53	1
Isophorone	ND		4.7	0.41	ug/L		05/26/16 14:30	05/28/16 18:53	1
Naphthalene	ND		4.7	0.72	ug/L		05/26/16 14:30	05/28/16 18:53	1
Nitrobenzene	ND		4.7	0.27	ug/L		05/26/16 14:30	05/28/16 18:53	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		05/26/16 14:30	05/28/16 18:53	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		05/26/16 14:30	05/28/16 18:53	1
Pentachlorophenol	ND		9.5	2.1	ug/L		05/26/16 14:30	05/28/16 18:53	1
Phenanthrene	ND		4.7	0.42	ug/L		05/26/16 14:30	05/28/16 18:53	1
Phenol	ND		4.7	0.37	ug/L		05/26/16 14:30	05/28/16 18:53	1
Pyrene	ND		4.7	0.32	ug/L		05/26/16 14:30	05/28/16 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*83*		*52 - 132*	*05/26/16 14:30*	*05/28/16 18:53*	*1*
2-Fluorobiphenyl	*75*		*48 - 120*	*05/26/16 14:30*	*05/28/16 18:53*	*1*
2-Fluorophenol	*49*		*20 - 120*	*05/26/16 14:30*	*05/28/16 18:53*	*1*
Nitrobenzene-d5	*77*		*46 - 120*	*05/26/16 14:30*	*05/28/16 18:53*	*1*
Phenol-d5	*33*		*16 - 120*	*05/26/16 14:30*	*05/28/16 18:53*	*1*
p-Terphenyl-d14	*102*		*67 - 150*	*05/26/16 14:30*	*05/28/16 18:53*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.32**		0.20	0.060	mg/L		05/27/16 07:35	05/28/16 02:31	1
Antimony	ND		0.020	0.0068	mg/L		05/27/16 07:35	05/28/16 02:31	1
Arsenic	ND		0.015	0.0056	mg/L		05/27/16 07:35	05/28/16 02:31	1
Barium	**0.10**		0.0020	0.00070	mg/L		05/27/16 07:35	05/28/16 02:31	1
Beryllium	ND		0.0020	0.00030	mg/L		05/27/16 07:35	05/28/16 02:31	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/16 07:35	05/28/16 02:31	1
Calcium	**124**		0.50	0.10	mg/L		05/27/16 07:35	05/28/16 02:31	1
Chromium	**0.0031**	**J**	0.0040	0.0010	mg/L		05/27/16 07:35	05/28/16 02:31	1
Cobalt	ND		0.0040	0.00063	mg/L		05/27/16 07:35	05/28/16 02:31	1
Copper	**0.0078**	**J**	0.010	0.0016	mg/L		05/27/16 07:35	05/28/16 02:31	1
Iron	**0.26**		0.050	0.019	mg/L		05/27/16 07:35	05/28/16 02:31	1
Lead	ND		0.010	0.0030	mg/L		05/27/16 07:35	05/28/16 02:31	1
Magnesium	**17.2**		0.20	0.043	mg/L		05/27/16 07:35	05/28/16 02:31	1
Manganese	**0.014**		0.0030	0.00040	mg/L		05/27/16 07:35	05/28/16 02:31	1
Nickel	**0.0017**	**J**	0.010	0.0013	mg/L		05/27/16 07:35	05/28/16 02:31	1
Potassium	**50.9**		0.50	0.10	mg/L		05/27/16 07:35	05/28/16 02:31	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C MW-C01_0616

Lab Sample ID: 480-100698-1
Date Collected: 05/23/16 11:40
Matrix: Ground Water
Date Received: 05/25/16 15:15

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		05/27/16 07:35	05/28/16 02:31	1
Silver	ND		0.0060	0.0017	mg/L		05/27/16 07:35	05/28/16 02:31	1
Sodium	**303**		1.0	0.32	mg/L		05/27/16 07:35	05/28/16 02:31	1
Thallium	ND		0.020	0.010	mg/L		05/27/16 07:35	05/28/16 02:31	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/16 07:35	05/28/16 02:31	1
Zinc	**0.037**	**B**	0.010	0.0015	mg/L		05/27/16 07:35	05/28/16 02:31	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/31/16 07:20	05/31/16 12:11	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C RFI-31_0616

Lab Sample ID: 480-100698-2

Date Collected: 05/23/16 13:50
Matrix: Ground Water
Date Received: 05/25/16 15:15

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			05/28/16 11:50	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			05/28/16 11:50	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			05/28/16 11:50	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			05/28/16 11:50	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			05/28/16 11:50	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			05/28/16 11:50	5
1,2,4-Trichlorobenzene	**260**		5.0	2.1	ug/L			05/28/16 11:50	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			05/28/16 11:50	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			05/28/16 11:50	5
1,2-Dichlorobenzene	**10**		5.0	4.0	ug/L			05/28/16 11:50	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			05/28/16 11:50	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			05/28/16 11:50	5
1,3-Dichlorobenzene	**170**		5.0	3.9	ug/L			05/28/16 11:50	5
1,4-Dichlorobenzene	**20**		5.0	4.2	ug/L			05/28/16 11:50	5
2-Butanone (MEK)	ND		50	6.6	ug/L			05/28/16 11:50	5
2-Hexanone	ND		25	6.2	ug/L			05/28/16 11:50	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			05/28/16 11:50	5
Acetone	ND		50	15	ug/L			05/28/16 11:50	5
Benzene	ND		5.0	2.1	ug/L			05/28/16 11:50	5
Bromodichloromethane	ND		5.0	2.0	ug/L			05/28/16 11:50	5
Bromoform	ND		5.0	1.3	ug/L			05/28/16 11:50	5
Bromomethane	ND		5.0	3.5	ug/L			05/28/16 11:50	5
Carbon disulfide	ND		5.0	0.95	ug/L			05/28/16 11:50	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			05/28/16 11:50	5
Chlorobenzene	**20**		5.0	3.8	ug/L			05/28/16 11:50	5
Chloroethane	ND		5.0	1.6	ug/L			05/28/16 11:50	5
Chloroform	ND		5.0	1.7	ug/L			05/28/16 11:50	5
Chloromethane	ND		5.0	1.8	ug/L			05/28/16 11:50	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			05/28/16 11:50	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			05/28/16 11:50	5
Cyclohexane	ND		5.0	0.90	ug/L			05/28/16 11:50	5
Dibromochloromethane	ND		5.0	1.6	ug/L			05/28/16 11:50	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			05/28/16 11:50	5
Ethylbenzene	ND		5.0	3.7	ug/L			05/28/16 11:50	5
Isopropylbenzene	ND		5.0	4.0	ug/L			05/28/16 11:50	5
Methyl acetate	ND		13	6.5	ug/L			05/28/16 11:50	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			05/28/16 11:50	5
Methylcyclohexane	ND		5.0	0.80	ug/L			05/28/16 11:50	5
Methylene Chloride	ND		5.0	2.2	ug/L			05/28/16 11:50	5
Styrene	ND		5.0	3.7	ug/L			05/28/16 11:50	5
Tetrachloroethene	ND		5.0	1.8	ug/L			05/28/16 11:50	5
Toluene	ND		5.0	2.6	ug/L			05/28/16 11:50	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			05/28/16 11:50	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			05/28/16 11:50	5
Trichloroethene	ND		5.0	2.3	ug/L			05/28/16 11:50	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			05/28/16 11:50	5
Vinyl chloride	ND		5.0	4.5	ug/L			05/28/16 11:50	5
Xylenes, Total	ND		10	3.3	ug/L			05/28/16 11:50	5

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C RFI-31_0616

Date Collected: 05/23/16 13:50
Date Received: 05/25/16 15:15

Lab Sample ID: 480-100698-2

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*		*05/28/16 11:50*	*5*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*05/28/16 11:50*	*5*
Toluene-d8 (Surr)	*98*		*71 - 126*		*05/28/16 11:50*	*5*
Dibromofluoromethane (Surr)	*99*		*60 - 140*		*05/28/16 11:50*	*5*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		05/26/16 14:30	05/28/16 19:22	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		05/26/16 14:30	05/28/16 19:22	1
2,4-Dichlorophenol	**0.93**	**J**	4.7	0.48	ug/L		05/26/16 14:30	05/28/16 19:22	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		05/26/16 14:30	05/28/16 19:22	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		05/26/16 14:30	05/28/16 19:22	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		05/26/16 14:30	05/28/16 19:22	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		05/26/16 14:30	05/28/16 19:22	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		05/26/16 14:30	05/28/16 19:22	1
2-Chlorophenol	ND		4.7	0.50	ug/L		05/26/16 14:30	05/28/16 19:22	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		05/26/16 14:30	05/28/16 19:22	1
2-Methylphenol	ND		4.7	0.38	ug/L		05/26/16 14:30	05/28/16 19:22	1
2-Nitroaniline	ND		9.4	0.39	ug/L		05/26/16 14:30	05/28/16 19:22	1
2-Nitrophenol	ND		4.7	0.45	ug/L		05/26/16 14:30	05/28/16 19:22	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		05/26/16 14:30	05/28/16 19:22	1
3-Nitroaniline	ND		9.4	0.45	ug/L		05/26/16 14:30	05/28/16 19:22	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		05/26/16 14:30	05/28/16 19:22	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		05/26/16 14:30	05/28/16 19:22	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		05/26/16 14:30	05/28/16 19:22	1
4-Chloroaniline	ND		4.7	0.55	ug/L		05/26/16 14:30	05/28/16 19:22	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		05/26/16 14:30	05/28/16 19:22	1
4-Methylphenol	ND		9.4	0.34	ug/L		05/26/16 14:30	05/28/16 19:22	1
4-Nitroaniline	ND		9.4	0.23	ug/L		05/26/16 14:30	05/28/16 19:22	1
4-Nitrophenol	ND		9.4	1.4	ug/L		05/26/16 14:30	05/28/16 19:22	1
Acenaphthene	ND		4.7	0.39	ug/L		05/26/16 14:30	05/28/16 19:22	1
Acenaphthylene	ND		4.7	0.36	ug/L		05/26/16 14:30	05/28/16 19:22	1
Acetophenone	ND		4.7	0.51	ug/L		05/26/16 14:30	05/28/16 19:22	1
Aniline	ND		9.4	0.57	ug/L		05/26/16 14:30	05/28/16 19:22	1
Anthracene	ND		4.7	0.26	ug/L		05/26/16 14:30	05/28/16 19:22	1
Atrazine	ND		4.7	0.43	ug/L		05/26/16 14:30	05/28/16 19:22	1
Benzaldehyde	ND		4.7	0.25	ug/L		05/26/16 14:30	05/28/16 19:22	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		05/26/16 14:30	05/28/16 19:22	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		05/26/16 14:30	05/28/16 19:22	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		05/26/16 14:30	05/28/16 19:22	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		05/26/16 14:30	05/28/16 19:22	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		05/26/16 14:30	05/28/16 19:22	1
Biphenyl	ND		4.7	0.61	ug/L		05/26/16 14:30	05/28/16 19:22	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		05/26/16 14:30	05/28/16 19:22	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		05/26/16 14:30	05/28/16 19:22	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		05/26/16 14:30	05/28/16 19:22	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		05/26/16 14:30	05/28/16 19:22	1
Butyl benzyl phthalate	ND		4.7	0.94	ug/L		05/26/16 14:30	05/28/16 19:22	1
Caprolactam	ND		4.7	2.1	ug/L		05/26/16 14:30	05/28/16 19:22	1
Carbazole	ND		4.7	0.28	ug/L		05/26/16 14:30	05/28/16 19:22	1

Client Sample ID: BCC Area C RFI-31_0616

Lab Sample ID: 480-100698-2
Date Collected: 05/23/16 13:50
Matrix: Ground Water
Date Received: 05/25/16 15:15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		05/26/16 14:30	05/28/16 19:22	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		05/26/16 14:30	05/28/16 19:22	1
Dibenzofuran	ND		9.4	0.48	ug/L		05/26/16 14:30	05/28/16 19:22	1
Diethyl phthalate	ND		4.7	0.21	ug/L		05/26/16 14:30	05/28/16 19:22	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		05/26/16 14:30	05/28/16 19:22	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		05/26/16 14:30	05/28/16 19:22	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		05/26/16 14:30	05/28/16 19:22	1
Fluoranthene	ND		4.7	0.38	ug/L		05/26/16 14:30	05/28/16 19:22	1
Fluorene	ND		4.7	0.34	ug/L		05/26/16 14:30	05/28/16 19:22	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		05/26/16 14:30	05/28/16 19:22	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		05/26/16 14:30	05/28/16 19:22	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		05/26/16 14:30	05/28/16 19:22	1
Hexachloroethane	ND		4.7	0.55	ug/L		05/26/16 14:30	05/28/16 19:22	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		05/26/16 14:30	05/28/16 19:22	1
Isophorone	ND		4.7	0.40	ug/L		05/26/16 14:30	05/28/16 19:22	1
Naphthalene	ND		4.7	0.71	ug/L		05/26/16 14:30	05/28/16 19:22	1
Nitrobenzene	ND		4.7	0.27	ug/L		05/26/16 14:30	05/28/16 19:22	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		05/26/16 14:30	05/28/16 19:22	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		05/26/16 14:30	05/28/16 19:22	1
Pentachlorophenol	ND		9.4	2.1	ug/L		05/26/16 14:30	05/28/16 19:22	1
Phenanthrene	ND		4.7	0.41	ug/L		05/26/16 14:30	05/28/16 19:22	1
Phenol	ND		4.7	0.37	ug/L		05/26/16 14:30	05/28/16 19:22	1
Pyrene	ND		4.7	0.32	ug/L		05/26/16 14:30	05/28/16 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*87*		*52 - 132*	*05/26/16 14:30*	*05/28/16 19:22*	*1*
2-Fluorobiphenyl	*45*	*X*	*48 - 120*	*05/26/16 14:30*	*05/28/16 19:22*	*1*
2-Fluorophenol	*38*		*20 - 120*	*05/26/16 14:30*	*05/28/16 19:22*	*1*
Nitrobenzene-d5	*56*		*46 - 120*	*05/26/16 14:30*	*05/28/16 19:22*	*1*
Phenol-d5	*25*		*16 - 120*	*05/26/16 14:30*	*05/28/16 19:22*	*1*
p-Terphenyl-d14	*85*		*67 - 150*	*05/26/16 14:30*	*05/28/16 19:22*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		05/27/16 07:35	05/28/16 02:48	1
Antimony	ND		0.020	0.0068	mg/L		05/27/16 07:35	05/28/16 02:48	1
Arsenic	**0.0088**	**J**	0.015	0.0056	mg/L		05/27/16 07:35	05/28/16 02:48	1
Barium	**0.028**		0.0020	0.00070	mg/L		05/27/16 07:35	05/28/16 02:48	1
Beryllium	ND		0.0020	0.00030	mg/L		05/27/16 07:35	05/28/16 02:48	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/16 07:35	05/28/16 02:48	1
Calcium	**446**		0.50	0.10	mg/L		05/27/16 07:35	05/28/16 02:48	1
Chromium	**0.0011**	**J**	0.0040	0.0010	mg/L		05/27/16 07:35	05/28/16 02:48	1
Cobalt	**0.0030**	**J**	0.0040	0.00063	mg/L		05/27/16 07:35	05/28/16 02:48	1
Copper	**0.0021**	**J**	0.010	0.0016	mg/L		05/27/16 07:35	05/28/16 02:48	1
Iron	**4.0**		0.050	0.019	mg/L		05/27/16 07:35	05/28/16 02:48	1
Lead	ND		0.010	0.0030	mg/L		05/27/16 07:35	05/28/16 02:48	1
Magnesium	**167**		0.20	0.043	mg/L		05/27/16 07:35	05/28/16 02:48	1
Manganese	**1.5**		0.0030	0.00040	mg/L		05/27/16 07:35	05/28/16 02:48	1
Nickel	**0.0034**	**J**	0.010	0.0013	mg/L		05/27/16 07:35	05/28/16 02:48	1
Potassium	**12.5**		0.50	0.10	mg/L		05/27/16 07:35	05/28/16 02:48	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C RFI-31_0616

Lab Sample ID: 480-100698-2
Date Collected: 05/23/16 13:50
Matrix: Ground Water
Date Received: 05/25/16 15:15

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		05/27/16 07:35	05/28/16 02:48	1
Silver	ND		0.0060	0.0017	mg/L		05/27/16 07:35	05/28/16 02:48	1
Sodium	**2240**		1.0	0.32	mg/L		05/27/16 07:35	05/28/16 02:48	1
Thallium	ND		0.020	0.010	mg/L		05/27/16 07:35	05/28/16 02:48	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/16 07:35	05/28/16 02:48	1
Zinc	**0.0081**	**J B**	0.010	0.0015	mg/L		05/27/16 07:35	05/28/16 02:48	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/31/16 07:20	05/31/16 12:18	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C PS-04_0616

Lab Sample ID: 480-100698-3

Date Collected: 05/23/16 13:15
Matrix: Ground Water
Date Received: 05/25/16 15:15

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/28/16 02:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/28/16 02:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/28/16 02:30	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/28/16 02:30	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/28/16 02:30	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/28/16 02:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/28/16 02:30	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/28/16 02:30	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/28/16 02:30	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/28/16 02:30	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/28/16 02:30	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/28/16 02:30	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/28/16 02:30	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/28/16 02:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/28/16 02:30	1
2-Hexanone	ND		5.0	1.2	ug/L			05/28/16 02:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/28/16 02:30	1
Acetone	ND		10	3.0	ug/L			05/28/16 02:30	1
Benzene	ND		1.0	0.41	ug/L			05/28/16 02:30	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/28/16 02:30	1
Bromoform	ND		1.0	0.26	ug/L			05/28/16 02:30	1
Bromomethane	ND		1.0	0.69	ug/L			05/28/16 02:30	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/28/16 02:30	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/28/16 02:30	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/28/16 02:30	1
Chloroethane	ND		1.0	0.32	ug/L			05/28/16 02:30	1
Chloroform	ND		1.0	0.34	ug/L			05/28/16 02:30	1
Chloromethane	ND		1.0	0.35	ug/L			05/28/16 02:30	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/28/16 02:30	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/28/16 02:30	1
Cyclohexane	ND		1.0	0.18	ug/L			05/28/16 02:30	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/28/16 02:30	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/28/16 02:30	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/28/16 02:30	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/28/16 02:30	1
Methyl acetate	ND		2.5	1.3	ug/L			05/28/16 02:30	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/28/16 02:30	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/28/16 02:30	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/28/16 02:30	1
Styrene	ND		1.0	0.73	ug/L			05/28/16 02:30	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/28/16 02:30	1
Toluene	ND		1.0	0.51	ug/L			05/28/16 02:30	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/28/16 02:30	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/28/16 02:30	1
Trichloroethene	ND		1.0	0.46	ug/L			05/28/16 02:30	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/28/16 02:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/28/16 02:30	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/28/16 02:30	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C PS-04_0616

Lab Sample ID: 480-100698-3

Date Collected: 05/23/16 13:15
Matrix: Ground Water
Date Received: 05/25/16 15:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*		*05/28/16 02:30*	*1*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*05/28/16 02:30*	*1*
Toluene-d8 (Surr)	*90*		*71 - 126*		*05/28/16 02:30*	*1*
Dibromofluoromethane (Surr)	*89*		*60 - 140*		*05/28/16 02:30*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		05/26/16 14:30	05/28/16 19:52	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		05/26/16 14:30	05/28/16 19:52	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		05/26/16 14:30	05/28/16 19:52	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		05/26/16 14:30	05/28/16 19:52	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		05/26/16 14:30	05/28/16 19:52	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		05/26/16 14:30	05/28/16 19:52	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		05/26/16 14:30	05/28/16 19:52	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		05/26/16 14:30	05/28/16 19:52	1
2-Chlorophenol	ND		4.8	0.50	ug/L		05/26/16 14:30	05/28/16 19:52	1
2-Methylnaphthalene	ND		4.8	0.57	ug/L		05/26/16 14:30	05/28/16 19:52	1
2-Methylphenol	ND		4.8	0.38	ug/L		05/26/16 14:30	05/28/16 19:52	1
2-Nitroaniline	ND		9.5	0.40	ug/L		05/26/16 14:30	05/28/16 19:52	1
2-Nitrophenol	ND		4.8	0.46	ug/L		05/26/16 14:30	05/28/16 19:52	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		05/26/16 14:30	05/28/16 19:52	1
3-Nitroaniline	ND		9.5	0.46	ug/L		05/26/16 14:30	05/28/16 19:52	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		05/26/16 14:30	05/28/16 19:52	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		05/26/16 14:30	05/28/16 19:52	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		05/26/16 14:30	05/28/16 19:52	1
4-Chloroaniline	ND		4.8	0.56	ug/L		05/26/16 14:30	05/28/16 19:52	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		05/26/16 14:30	05/28/16 19:52	1
4-Methylphenol	ND		9.5	0.34	ug/L		05/26/16 14:30	05/28/16 19:52	1
4-Nitroaniline	ND		9.5	0.24	ug/L		05/26/16 14:30	05/28/16 19:52	1
4-Nitrophenol	ND		9.5	1.4	ug/L		05/26/16 14:30	05/28/16 19:52	1
Acenaphthene	ND		4.8	0.39	ug/L		05/26/16 14:30	05/28/16 19:52	1
Acenaphthylene	ND		4.8	0.36	ug/L		05/26/16 14:30	05/28/16 19:52	1
Acetophenone	ND		4.8	0.51	ug/L		05/26/16 14:30	05/28/16 19:52	1
Aniline	ND		9.5	0.58	ug/L		05/26/16 14:30	05/28/16 19:52	1
Anthracene	ND		4.8	0.27	ug/L		05/26/16 14:30	05/28/16 19:52	1
Atrazine	ND		4.8	0.44	ug/L		05/26/16 14:30	05/28/16 19:52	1
Benzaldehyde	ND		4.8	0.25	ug/L		05/26/16 14:30	05/28/16 19:52	1
Benzo(a)anthracene	ND		4.8	0.34	ug/L		05/26/16 14:30	05/28/16 19:52	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		05/26/16 14:30	05/28/16 19:52	1
Benzo(b)fluoranthene	ND		4.8	0.32	ug/L		05/26/16 14:30	05/28/16 19:52	1
Benzo(g,h,i)perylene	ND		4.8	0.33	ug/L		05/26/16 14:30	05/28/16 19:52	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		05/26/16 14:30	05/28/16 19:52	1
Biphenyl	ND		4.8	0.62	ug/L		05/26/16 14:30	05/28/16 19:52	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		05/26/16 14:30	05/28/16 19:52	1
Bis(2-chloroethoxy)methane	ND		4.8	0.33	ug/L		05/26/16 14:30	05/28/16 19:52	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		05/26/16 14:30	05/28/16 19:52	1
Bis(2-ethylhexyl) phthalate	ND		4.8	2.1	ug/L		05/26/16 14:30	05/28/16 19:52	1
Butyl benzyl phthalate	ND		4.8	0.95	ug/L		05/26/16 14:30	05/28/16 19:52	1
Caprolactam	ND		4.8	2.1	ug/L		05/26/16 14:30	05/28/16 19:52	1
Carbazole	ND		4.8	0.29	ug/L		05/26/16 14:30	05/28/16 19:52	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C PS-04_0616

Lab Sample ID: 480-100698-3

Date Collected: 05/23/16 13:15
Matrix: Ground Water
Date Received: 05/25/16 15:15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.8	0.31	ug/L		05/26/16 14:30	05/28/16 19:52	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		05/26/16 14:30	05/28/16 19:52	1
Dibenzofuran	ND		9.5	0.49	ug/L		05/26/16 14:30	05/28/16 19:52	1
Diethyl phthalate	ND		4.8	0.21	ug/L		05/26/16 14:30	05/28/16 19:52	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		05/26/16 14:30	05/28/16 19:52	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		05/26/16 14:30	05/28/16 19:52	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		05/26/16 14:30	05/28/16 19:52	1
Fluoranthene	ND		4.8	0.38	ug/L		05/26/16 14:30	05/28/16 19:52	1
Fluorene	ND		4.8	0.34	ug/L		05/26/16 14:30	05/28/16 19:52	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		05/26/16 14:30	05/28/16 19:52	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		05/26/16 14:30	05/28/16 19:52	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		05/26/16 14:30	05/28/16 19:52	1
Hexachloroethane	ND		4.8	0.56	ug/L		05/26/16 14:30	05/28/16 19:52	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		05/26/16 14:30	05/28/16 19:52	1
Isophorone	ND		4.8	0.41	ug/L		05/26/16 14:30	05/28/16 19:52	1
Naphthalene	ND		4.8	0.72	ug/L		05/26/16 14:30	05/28/16 19:52	1
Nitrobenzene	ND		4.8	0.28	ug/L		05/26/16 14:30	05/28/16 19:52	1
N-Nitrosodi-n-propylamine	ND		4.8	0.51	ug/L		05/26/16 14:30	05/28/16 19:52	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		05/26/16 14:30	05/28/16 19:52	1
Pentachlorophenol	ND		9.5	2.1	ug/L		05/26/16 14:30	05/28/16 19:52	1
Phenanthrene	ND		4.8	0.42	ug/L		05/26/16 14:30	05/28/16 19:52	1
Phenol	ND		4.8	0.37	ug/L		05/26/16 14:30	05/28/16 19:52	1
Pyrene	ND		4.8	0.32	ug/L		05/26/16 14:30	05/28/16 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*70*		*52 - 132*	*05/26/16 14:30*	*05/28/16 19:52*	*1*
2-Fluorobiphenyl	*75*		*48 - 120*	*05/26/16 14:30*	*05/28/16 19:52*	*1*
2-Fluorophenol	*59*		*20 - 120*	*05/26/16 14:30*	*05/28/16 19:52*	*1*
Nitrobenzene-d5	*82*		*46 - 120*	*05/26/16 14:30*	*05/28/16 19:52*	*1*
Phenol-d5	*41*		*16 - 120*	*05/26/16 14:30*	*05/28/16 19:52*	*1*
p-Terphenyl-d14	*84*		*67 - 150*	*05/26/16 14:30*	*05/28/16 19:52*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.15**	**J**	0.20	0.060	mg/L		05/27/16 07:35	05/28/16 02:51	1
Antimony	ND		0.020	0.0068	mg/L		05/27/16 07:35	05/28/16 02:51	1
Arsenic	ND		0.015	0.0056	mg/L		05/27/16 07:35	05/28/16 02:51	1
Barium	**0.057**		0.0020	0.00070	mg/L		05/27/16 07:35	05/28/16 02:51	1
Beryllium	ND		0.0020	0.00030	mg/L		05/27/16 07:35	05/28/16 02:51	1
Cadmium	**0.0070**		0.0020	0.00050	mg/L		05/27/16 07:35	05/28/16 02:51	1
Calcium	**204**		0.50	0.10	mg/L		05/27/16 07:35	05/28/16 02:51	1
Chromium	**0.0011**	**J**	0.0040	0.0010	mg/L		05/27/16 07:35	05/28/16 02:51	1
Cobalt	**0.14**		0.0040	0.00063	mg/L		05/27/16 07:35	05/28/16 02:51	1
Copper	**0.013**		0.010	0.0016	mg/L		05/27/16 07:35	05/28/16 02:51	1
Iron	**0.56**		0.050	0.019	mg/L		05/27/16 07:35	05/28/16 02:51	1
Lead	ND		0.010	0.0030	mg/L		05/27/16 07:35	05/28/16 02:51	1
Magnesium	**30.9**		0.20	0.043	mg/L		05/27/16 07:35	05/28/16 02:51	1
Manganese	**1.8**		0.0030	0.00040	mg/L		05/27/16 07:35	05/28/16 02:51	1
Nickel	**0.096**		0.010	0.0013	mg/L		05/27/16 07:35	05/28/16 02:51	1
Potassium	**6.6**		0.50	0.10	mg/L		05/27/16 07:35	05/28/16 02:51	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C PS-04_0616

Lab Sample ID: 480-100698-3
Date Collected: 05/23/16 13:15
Matrix: Ground Water
Date Received: 05/25/16 15:15

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		05/27/16 07:35	05/28/16 02:51	1
Silver	ND		0.0060	0.0017	mg/L		05/27/16 07:35	05/28/16 02:51	1
Sodium	**25.2**		1.0	0.32	mg/L		05/27/16 07:35	05/28/16 02:51	1
Thallium	ND		0.020	0.010	mg/L		05/27/16 07:35	05/28/16 02:51	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/16 07:35	05/28/16 02:51	1
Zinc	**0.37**	**B**	0.010	0.0015	mg/L		05/27/16 07:35	05/28/16 02:51	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/31/16 07:20	05/31/16 12:20	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C MW-C04_0616

Lab Sample ID: 480-100698-4

Date Collected: 05/23/16 14:35
Matrix: Ground Water
Date Received: 05/25/16 15:15

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			05/28/16 03:35	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			05/28/16 03:35	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			05/28/16 03:35	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			05/28/16 03:35	10
1,1-Dichloroethane	ND		10	3.8	ug/L			05/28/16 03:35	10
1,1-Dichloroethene	ND		10	2.9	ug/L			05/28/16 03:35	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			05/28/16 03:35	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			05/28/16 03:35	10
1,2-Dibromoethane	ND		10	7.3	ug/L			05/28/16 03:35	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			05/28/16 03:35	10
1,2-Dichloroethane	ND		10	2.1	ug/L			05/28/16 03:35	10
1,2-Dichloropropane	ND		10	7.2	ug/L			05/28/16 03:35	10
1,3-Dichlorobenzene	**24**		10	7.8	ug/L			05/28/16 03:35	10
1,4-Dichlorobenzene	**38**		10	8.4	ug/L			05/28/16 03:35	10
2-Butanone (MEK)	ND		100	13	ug/L			05/28/16 03:35	10
2-Hexanone	ND		50	12	ug/L			05/28/16 03:35	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			05/28/16 03:35	10
Acetone	ND		100	30	ug/L			05/28/16 03:35	10
Benzene	ND		10	4.1	ug/L			05/28/16 03:35	10
Bromodichloromethane	ND		10	3.9	ug/L			05/28/16 03:35	10
Bromoform	ND		10	2.6	ug/L			05/28/16 03:35	10
Bromomethane	ND		10	6.9	ug/L			05/28/16 03:35	10
Carbon disulfide	ND		10	1.9	ug/L			05/28/16 03:35	10
Carbon tetrachloride	ND		10	2.7	ug/L			05/28/16 03:35	10
Chlorobenzene	**340**		10	7.5	ug/L			05/28/16 03:35	10
Chloroethane	ND		10	3.2	ug/L			05/28/16 03:35	10
Chloroform	ND		10	3.4	ug/L			05/28/16 03:35	10
Chloromethane	ND		10	3.5	ug/L			05/28/16 03:35	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			05/28/16 03:35	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			05/28/16 03:35	10
Cyclohexane	ND		10	1.8	ug/L			05/28/16 03:35	10
Dibromochloromethane	ND		10	3.2	ug/L			05/28/16 03:35	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			05/28/16 03:35	10
Ethylbenzene	ND		10	7.4	ug/L			05/28/16 03:35	10
Isopropylbenzene	ND		10	7.9	ug/L			05/28/16 03:35	10
Methyl acetate	ND		25	13	ug/L			05/28/16 03:35	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			05/28/16 03:35	10
Methylcyclohexane	ND		10	1.6	ug/L			05/28/16 03:35	10
Methylene Chloride	ND		10	4.4	ug/L			05/28/16 03:35	10
Styrene	ND		10	7.3	ug/L			05/28/16 03:35	10
Tetrachloroethene	ND		10	3.6	ug/L			05/28/16 03:35	10
Toluene	ND		10	5.1	ug/L			05/28/16 03:35	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			05/28/16 03:35	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			05/28/16 03:35	10
Trichloroethene	ND		10	4.6	ug/L			05/28/16 03:35	10
Trichlorofluoromethane	ND		10	8.8	ug/L			05/28/16 03:35	10
Vinyl chloride	ND		10	9.0	ug/L			05/28/16 03:35	10
Xylenes, Total	ND		20	6.6	ug/L			05/28/16 03:35	10

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C MW-C04_0616

Lab Sample ID: 480-100698-4

Date Collected: 05/23/16 14:35
Matrix: Ground Water
Date Received: 05/25/16 15:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*		*05/28/16 03:35*	*10*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*05/28/16 03:35*	*10*
Toluene-d8 (Surr)	*104*		*71 - 126*		*05/28/16 03:35*	*10*
Dibromofluoromethane (Surr)	*109*		*60 - 140*		*05/28/16 03:35*	*10*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		05/26/16 14:30	05/28/16 20:21	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		05/26/16 14:30	05/28/16 20:21	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		05/26/16 14:30	05/28/16 20:21	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		05/26/16 14:30	05/28/16 20:21	1
2,4-Dinitrophenol	ND		9.7	2.1	ug/L		05/26/16 14:30	05/28/16 20:21	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		05/26/16 14:30	05/28/16 20:21	1
2,6-Dinitrotoluene	ND		4.8	0.39	ug/L		05/26/16 14:30	05/28/16 20:21	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		05/26/16 14:30	05/28/16 20:21	1
2-Chlorophenol	**1.2**	**J**	4.8	0.51	ug/L		05/26/16 14:30	05/28/16 20:21	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		05/26/16 14:30	05/28/16 20:21	1
2-Methylphenol	ND		4.8	0.39	ug/L		05/26/16 14:30	05/28/16 20:21	1
2-Nitroaniline	ND		9.7	0.41	ug/L		05/26/16 14:30	05/28/16 20:21	1
2-Nitrophenol	ND		4.8	0.46	ug/L		05/26/16 14:30	05/28/16 20:21	1
3,3'-Dichlorobenzidine	ND		4.8	0.39	ug/L		05/26/16 14:30	05/28/16 20:21	1
3-Nitroaniline	ND		9.7	0.46	ug/L		05/26/16 14:30	05/28/16 20:21	1
4,6-Dinitro-2-methylphenol	ND		9.7	2.1	ug/L		05/26/16 14:30	05/28/16 20:21	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		05/26/16 14:30	05/28/16 20:21	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		05/26/16 14:30	05/28/16 20:21	1
4-Chloroaniline	ND		4.8	0.57	ug/L		05/26/16 14:30	05/28/16 20:21	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		05/26/16 14:30	05/28/16 20:21	1
4-Methylphenol	ND		9.7	0.35	ug/L		05/26/16 14:30	05/28/16 20:21	1
4-Nitroaniline	ND		9.7	0.24	ug/L		05/26/16 14:30	05/28/16 20:21	1
4-Nitrophenol	ND		9.7	1.5	ug/L		05/26/16 14:30	05/28/16 20:21	1
Acenaphthene	ND		4.8	0.40	ug/L		05/26/16 14:30	05/28/16 20:21	1
Acenaphthylene	ND		4.8	0.37	ug/L		05/26/16 14:30	05/28/16 20:21	1
Acetophenone	ND		4.8	0.52	ug/L		05/26/16 14:30	05/28/16 20:21	1
Aniline	ND		9.7	0.59	ug/L		05/26/16 14:30	05/28/16 20:21	1
Anthracene	ND		4.8	0.27	ug/L		05/26/16 14:30	05/28/16 20:21	1
Atrazine	ND		4.8	0.44	ug/L		05/26/16 14:30	05/28/16 20:21	1
Benzaldehyde	ND		4.8	0.26	ug/L		05/26/16 14:30	05/28/16 20:21	1
Benzo(a)anthracene	ND		4.8	0.35	ug/L		05/26/16 14:30	05/28/16 20:21	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		05/26/16 14:30	05/28/16 20:21	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		05/26/16 14:30	05/28/16 20:21	1
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		05/26/16 14:30	05/28/16 20:21	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		05/26/16 14:30	05/28/16 20:21	1
Biphenyl	ND		4.8	0.63	ug/L		05/26/16 14:30	05/28/16 20:21	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		05/26/16 14:30	05/28/16 20:21	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		05/26/16 14:30	05/28/16 20:21	1
Bis(2-chloroethyl)ether	ND		4.8	0.39	ug/L		05/26/16 14:30	05/28/16 20:21	1
Bis(2-ethylhexyl) phthalate	ND		4.8	2.1	ug/L		05/26/16 14:30	05/28/16 20:21	1
Butyl benzyl phthalate	ND		4.8	0.97	ug/L		05/26/16 14:30	05/28/16 20:21	1
Caprolactam	ND		4.8	2.1	ug/L		05/26/16 14:30	05/28/16 20:21	1
Carbazole	ND		4.8	0.29	ug/L		05/26/16 14:30	05/28/16 20:21	1

Client Sample ID: BCC Area C MW-C04_0616

Lab Sample ID: 480-100698-4
Date Collected: 05/23/16 14:35
Matrix: Ground Water
Date Received: 05/25/16 15:15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.8	0.32	ug/L		05/26/16 14:30	05/28/16 20:21	1
Dibenz(a,h)anthracene	ND		4.8	0.41	ug/L		05/26/16 14:30	05/28/16 20:21	1
Dibenzofuran	ND		9.7	0.49	ug/L		05/26/16 14:30	05/28/16 20:21	1
Diethyl phthalate	ND		4.8	0.21	ug/L		05/26/16 14:30	05/28/16 20:21	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		05/26/16 14:30	05/28/16 20:21	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		05/26/16 14:30	05/28/16 20:21	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		05/26/16 14:30	05/28/16 20:21	1
Fluoranthene	ND		4.8	0.39	ug/L		05/26/16 14:30	05/28/16 20:21	1
Fluorene	ND		4.8	0.35	ug/L		05/26/16 14:30	05/28/16 20:21	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		05/26/16 14:30	05/28/16 20:21	1
Hexachlorobutadiene	ND		4.8	0.66	ug/L		05/26/16 14:30	05/28/16 20:21	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		05/26/16 14:30	05/28/16 20:21	1
Hexachloroethane	ND		4.8	0.57	ug/L		05/26/16 14:30	05/28/16 20:21	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		05/26/16 14:30	05/28/16 20:21	1
Isophorone	ND		4.8	0.42	ug/L		05/26/16 14:30	05/28/16 20:21	1
Naphthalene	ND		4.8	0.73	ug/L		05/26/16 14:30	05/28/16 20:21	1
Nitrobenzene	ND		4.8	0.28	ug/L		05/26/16 14:30	05/28/16 20:21	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		05/26/16 14:30	05/28/16 20:21	1
N-Nitrosodiphenylamine	**0.62**	**J**	4.8	0.49	ug/L		05/26/16 14:30	05/28/16 20:21	1
Pentachlorophenol	ND		9.7	2.1	ug/L		05/26/16 14:30	05/28/16 20:21	1
Phenanthrene	ND		4.8	0.42	ug/L		05/26/16 14:30	05/28/16 20:21	1
Phenol	ND		4.8	0.38	ug/L		05/26/16 14:30	05/28/16 20:21	1
Pyrene	ND		4.8	0.33	ug/L		05/26/16 14:30	05/28/16 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*88*		*52 - 132*	*05/26/16 14:30*	*05/28/16 20:21*	*1*
2-Fluorobiphenyl	*65*		*48 - 120*	*05/26/16 14:30*	*05/28/16 20:21*	*1*
2-Fluorophenol	*46*		*20 - 120*	*05/26/16 14:30*	*05/28/16 20:21*	*1*
Nitrobenzene-d5	*68*		*46 - 120*	*05/26/16 14:30*	*05/28/16 20:21*	*1*
Phenol-d5	*31*		*16 - 120*	*05/26/16 14:30*	*05/28/16 20:21*	*1*
p-Terphenyl-d14	*86*		*67 - 150*	*05/26/16 14:30*	*05/28/16 20:21*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.41**		0.20	0.060	mg/L		05/27/16 07:35	05/28/16 02:55	1
Antimony	ND		0.020	0.0068	mg/L		05/27/16 07:35	05/28/16 02:55	1
Arsenic	ND		0.015	0.0056	mg/L		05/27/16 07:35	05/28/16 02:55	1
Barium	**0.18**		0.0020	0.00070	mg/L		05/27/16 07:35	05/28/16 02:55	1
Beryllium	ND		0.0020	0.00030	mg/L		05/27/16 07:35	05/28/16 02:55	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/16 07:35	05/28/16 02:55	1
Calcium	**261**		0.50	0.10	mg/L		05/27/16 07:35	05/28/16 02:55	1
Chromium	**0.0014**	**J**	0.0040	0.0010	mg/L		05/27/16 07:35	05/28/16 02:55	1
Cobalt	ND		0.0040	0.00063	mg/L		05/27/16 07:35	05/28/16 02:55	1
Copper	**0.020**		0.010	0.0016	mg/L		05/27/16 07:35	05/28/16 02:55	1
Iron	**9.9**		0.050	0.019	mg/L		05/27/16 07:35	05/28/16 02:55	1
Lead	ND		0.010	0.0030	mg/L		05/27/16 07:35	05/28/16 02:55	1
Magnesium	**33.6**		0.20	0.043	mg/L		05/27/16 07:35	05/28/16 02:55	1
Manganese	**1.6**		0.0030	0.00040	mg/L		05/27/16 07:35	05/28/16 02:55	1
Nickel	ND		0.010	0.0013	mg/L		05/27/16 07:35	05/28/16 02:55	1
Potassium	**8.7**		0.50	0.10	mg/L		05/27/16 07:35	05/28/16 02:55	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C MW-C04_0616

Lab Sample ID: 480-100698-4

Date Collected: 05/23/16 14:35
Matrix: Ground Water
Date Received: 05/25/16 15:15

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		05/27/16 07:35	05/28/16 02:55	1
Silver	ND		0.0060	0.0017	mg/L		05/27/16 07:35	05/28/16 02:55	1
Sodium	**42.9**		1.0	0.32	mg/L		05/27/16 07:35	05/28/16 02:55	1
Thallium	ND		0.020	0.010	mg/L		05/27/16 07:35	05/28/16 02:55	1
Vanadium	**0.0016**	**J**	0.0050	0.0015	mg/L		05/27/16 07:35	05/28/16 02:55	1
Zinc	**0.024**	**B**	0.010	0.0015	mg/L		05/27/16 07:35	05/28/16 02:55	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00013**	**J**	0.00020	0.00012	mg/L		05/31/16 07:20	05/31/16 12:26	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C RFI-20_0616

Lab Sample ID: 480-100698-5

Date Collected: 05/23/16 10:50
Matrix: Ground Water
Date Received: 05/25/16 15:15

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/28/16 02:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/28/16 02:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/28/16 02:54	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/28/16 02:54	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/28/16 02:54	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/28/16 02:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/28/16 02:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/28/16 02:54	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/28/16 02:54	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/28/16 02:54	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/28/16 02:54	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/28/16 02:54	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/28/16 02:54	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/28/16 02:54	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/28/16 02:54	1
2-Hexanone	ND		5.0	1.2	ug/L			05/28/16 02:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/28/16 02:54	1
Acetone	**3.0**	**J**	10	3.0	ug/L			05/28/16 02:54	1
Benzene	ND		1.0	0.41	ug/L			05/28/16 02:54	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/28/16 02:54	1
Bromoform	ND		1.0	0.26	ug/L			05/28/16 02:54	1
Bromomethane	ND		1.0	0.69	ug/L			05/28/16 02:54	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/28/16 02:54	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/28/16 02:54	1
Chlorobenzene	**24**		1.0	0.75	ug/L			05/28/16 02:54	1
Chloroethane	ND		1.0	0.32	ug/L			05/28/16 02:54	1
Chloroform	ND		1.0	0.34	ug/L			05/28/16 02:54	1
Chloromethane	ND		1.0	0.35	ug/L			05/28/16 02:54	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/28/16 02:54	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/28/16 02:54	1
Cyclohexane	ND		1.0	0.18	ug/L			05/28/16 02:54	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/28/16 02:54	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/28/16 02:54	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/28/16 02:54	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/28/16 02:54	1
Methyl acetate	ND		2.5	1.3	ug/L			05/28/16 02:54	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/28/16 02:54	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/28/16 02:54	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/28/16 02:54	1
Styrene	ND		1.0	0.73	ug/L			05/28/16 02:54	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/28/16 02:54	1
Toluene	ND		1.0	0.51	ug/L			05/28/16 02:54	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/28/16 02:54	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/28/16 02:54	1
Trichloroethene	ND		1.0	0.46	ug/L			05/28/16 02:54	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/28/16 02:54	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/28/16 02:54	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/28/16 02:54	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C RFI-20_0616

Date Collected: 05/23/16 10:50
Date Received: 05/25/16 15:15

Lab Sample ID: 480-100698-5

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*		*05/28/16 02:54*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*05/28/16 02:54*	*1*
Toluene-d8 (Surr)	*87*		*71 - 126*		*05/28/16 02:54*	*1*
Dibromofluoromethane (Surr)	*86*		*60 - 140*		*05/28/16 02:54*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.9	0.47	ug/L		05/26/16 14:30	05/28/16 20:50	1
2,4,6-Trichlorophenol	ND		4.9	0.60	ug/L		05/26/16 14:30	05/28/16 20:50	1
2,4-Dichlorophenol	ND		4.9	0.50	ug/L		05/26/16 14:30	05/28/16 20:50	1
2,4-Dimethylphenol	ND		4.9	0.49	ug/L		05/26/16 14:30	05/28/16 20:50	1
2,4-Dinitrophenol	ND		9.8	2.2	ug/L		05/26/16 14:30	05/28/16 20:50	1
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L		05/26/16 14:30	05/28/16 20:50	1
2,6-Dinitrotoluene	ND		4.9	0.39	ug/L		05/26/16 14:30	05/28/16 20:50	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		05/26/16 14:30	05/28/16 20:50	1
2-Chlorophenol	ND		4.9	0.52	ug/L		05/26/16 14:30	05/28/16 20:50	1
2-Methylnaphthalene	ND		4.9	0.59	ug/L		05/26/16 14:30	05/28/16 20:50	1
2-Methylphenol	ND		4.9	0.39	ug/L		05/26/16 14:30	05/28/16 20:50	1
2-Nitroaniline	ND		9.8	0.41	ug/L		05/26/16 14:30	05/28/16 20:50	1
2-Nitrophenol	ND		4.9	0.47	ug/L		05/26/16 14:30	05/28/16 20:50	1
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L		05/26/16 14:30	05/28/16 20:50	1
3-Nitroaniline	ND		9.8	0.47	ug/L		05/26/16 14:30	05/28/16 20:50	1
4,6-Dinitro-2-methylphenol	ND		9.8	2.2	ug/L		05/26/16 14:30	05/28/16 20:50	1
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L		05/26/16 14:30	05/28/16 20:50	1
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L		05/26/16 14:30	05/28/16 20:50	1
4-Chloroaniline	ND		4.9	0.58	ug/L		05/26/16 14:30	05/28/16 20:50	1
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L		05/26/16 14:30	05/28/16 20:50	1
4-Methylphenol	ND		9.8	0.35	ug/L		05/26/16 14:30	05/28/16 20:50	1
4-Nitroaniline	ND		9.8	0.25	ug/L		05/26/16 14:30	05/28/16 20:50	1
4-Nitrophenol	ND		9.8	1.5	ug/L		05/26/16 14:30	05/28/16 20:50	1
Acenaphthene	ND		4.9	0.40	ug/L		05/26/16 14:30	05/28/16 20:50	1
Acenaphthylene	ND		4.9	0.37	ug/L		05/26/16 14:30	05/28/16 20:50	1
Acetophenone	ND		4.9	0.53	ug/L		05/26/16 14:30	05/28/16 20:50	1
Aniline	ND		9.8	0.60	ug/L		05/26/16 14:30	05/28/16 20:50	1
Anthracene	ND		4.9	0.27	ug/L		05/26/16 14:30	05/28/16 20:50	1
Atrazine	ND		4.9	0.45	ug/L		05/26/16 14:30	05/28/16 20:50	1
Benzaldehyde	ND		4.9	0.26	ug/L		05/26/16 14:30	05/28/16 20:50	1
Benzo(a)anthracene	ND		4.9	0.35	ug/L		05/26/16 14:30	05/28/16 20:50	1
Benzo(a)pyrene	ND		4.9	0.46	ug/L		05/26/16 14:30	05/28/16 20:50	1
Benzo(b)fluoranthene	ND		4.9	0.33	ug/L		05/26/16 14:30	05/28/16 20:50	1
Benzo(g,h,i)perylene	ND		4.9	0.34	ug/L		05/26/16 14:30	05/28/16 20:50	1
Benzo(k)fluoranthene	ND		4.9	0.72	ug/L		05/26/16 14:30	05/28/16 20:50	1
Biphenyl	ND		4.9	0.64	ug/L		05/26/16 14:30	05/28/16 20:50	1
bis (2-chloroisopropyl) ether	ND		4.9	0.51	ug/L		05/26/16 14:30	05/28/16 20:50	1
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L		05/26/16 14:30	05/28/16 20:50	1
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L		05/26/16 14:30	05/28/16 20:50	1
Bis(2-ethylhexyl) phthalate	ND		4.9	2.2	ug/L		05/26/16 14:30	05/28/16 20:50	1
Butyl benzyl phthalate	ND		4.9	0.98	ug/L		05/26/16 14:30	05/28/16 20:50	1
Caprolactam	ND		4.9	2.2	ug/L		05/26/16 14:30	05/28/16 20:50	1
Carbazole	ND		4.9	0.29	ug/L		05/26/16 14:30	05/28/16 20:50	1

Client Sample ID: BCC Area C RFI-20_0616

Lab Sample ID: 480-100698-5

Date Collected: 05/23/16 10:50

Matrix: Ground Water

Date Received: 05/25/16 15:15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.9	0.32	ug/L		05/26/16 14:30	05/28/16 20:50	1
Dibenz(a,h)anthracene	ND		4.9	0.41	ug/L		05/26/16 14:30	05/28/16 20:50	1
Dibenzofuran	ND		9.8	0.50	ug/L		05/26/16 14:30	05/28/16 20:50	1
Diethyl phthalate	ND		4.9	0.22	ug/L		05/26/16 14:30	05/28/16 20:50	1
Dimethyl phthalate	ND		4.9	0.35	ug/L		05/26/16 14:30	05/28/16 20:50	1
Di-n-butyl phthalate	ND		4.9	0.30	ug/L		05/26/16 14:30	05/28/16 20:50	1
Di-n-octyl phthalate	ND		4.9	0.46	ug/L		05/26/16 14:30	05/28/16 20:50	1
Fluoranthene	ND		4.9	0.39	ug/L		05/26/16 14:30	05/28/16 20:50	1
Fluorene	ND		4.9	0.35	ug/L		05/26/16 14:30	05/28/16 20:50	1
Hexachlorobenzene	ND		4.9	0.50	ug/L		05/26/16 14:30	05/28/16 20:50	1
Hexachlorobutadiene	ND		4.9	0.67	ug/L		05/26/16 14:30	05/28/16 20:50	1
Hexachlorocyclopentadiene	ND		4.9	0.58	ug/L		05/26/16 14:30	05/28/16 20:50	1
Hexachloroethane	ND		4.9	0.58	ug/L		05/26/16 14:30	05/28/16 20:50	1
Indeno(1,2,3-cd)pyrene	ND		4.9	0.46	ug/L		05/26/16 14:30	05/28/16 20:50	1
Isophorone	ND		4.9	0.42	ug/L		05/26/16 14:30	05/28/16 20:50	1
Naphthalene	ND		4.9	0.75	ug/L		05/26/16 14:30	05/28/16 20:50	1
Nitrobenzene	ND		4.9	0.28	ug/L		05/26/16 14:30	05/28/16 20:50	1
N-Nitrosodi-n-propylamine	ND		4.9	0.53	ug/L		05/26/16 14:30	05/28/16 20:50	1
N-Nitrosodiphenylamine	ND		4.9	0.50	ug/L		05/26/16 14:30	05/28/16 20:50	1
Pentachlorophenol	ND		9.8	2.2	ug/L		05/26/16 14:30	05/28/16 20:50	1
Phenanthrene	ND		4.9	0.43	ug/L		05/26/16 14:30	05/28/16 20:50	1
Phenol	ND		4.9	0.38	ug/L		05/26/16 14:30	05/28/16 20:50	1
Pyrene	ND		4.9	0.33	ug/L		05/26/16 14:30	05/28/16 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*92*		*52 - 132*	*05/26/16 14:30*	*05/28/16 20:50*	*1*
2-Fluorobiphenyl	*85*		*48 - 120*	*05/26/16 14:30*	*05/28/16 20:50*	*1*
2-Fluorophenol	*63*		*20 - 120*	*05/26/16 14:30*	*05/28/16 20:50*	*1*
Nitrobenzene-d5	*92*		*46 - 120*	*05/26/16 14:30*	*05/28/16 20:50*	*1*
Phenol-d5	*42*		*16 - 120*	*05/26/16 14:30*	*05/28/16 20:50*	*1*
p-Terphenyl-d14	*92*		*67 - 150*	*05/26/16 14:30*	*05/28/16 20:50*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.17**	**J**	0.20	0.060	mg/L		05/27/16 07:35	05/28/16 02:58	1
Antimony	ND		0.020	0.0068	mg/L		05/27/16 07:35	05/28/16 02:58	1
Arsenic	ND		0.015	0.0056	mg/L		05/27/16 07:35	05/28/16 02:58	1
Barium	**0.050**		0.0020	0.00070	mg/L		05/27/16 07:35	05/28/16 02:58	1
Beryllium	ND		0.0020	0.00030	mg/L		05/27/16 07:35	05/28/16 02:58	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/16 07:35	05/28/16 02:58	1
Calcium	**185**		0.50	0.10	mg/L		05/27/16 07:35	05/28/16 02:58	1
Chromium	ND		0.0040	0.0010	mg/L		05/27/16 07:35	05/28/16 02:58	1
Cobalt	ND		0.0040	0.00063	mg/L		05/27/16 07:35	05/28/16 02:58	1
Copper	**0.012**		0.010	0.0016	mg/L		05/27/16 07:35	05/28/16 02:58	1
Iron	**3.4**		0.050	0.019	mg/L		05/27/16 07:35	05/28/16 02:58	1
Lead	ND		0.010	0.0030	mg/L		05/27/16 07:35	05/28/16 02:58	1
Magnesium	**39.8**		0.20	0.043	mg/L		05/27/16 07:35	05/28/16 02:58	1
Manganese	**0.20**		0.0030	0.00040	mg/L		05/27/16 07:35	05/28/16 02:58	1
Nickel	**0.012**		0.010	0.0013	mg/L		05/27/16 07:35	05/28/16 02:58	1
Potassium	**7.3**		0.50	0.10	mg/L		05/27/16 07:35	05/28/16 02:58	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C RFI-20_0616

Lab Sample ID: 480-100698-5

Date Collected: 05/23/16 10:50
Matrix: Ground Water
Date Received: 05/25/16 15:15

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		05/27/16 07:35	05/28/16 02:58	1
Silver	ND		0.0060	0.0017	mg/L		05/27/16 07:35	05/28/16 02:58	1
Sodium	**20.8**		1.0	0.32	mg/L		05/27/16 07:35	05/28/16 02:58	1
Thallium	ND		0.020	0.010	mg/L		05/27/16 07:35	05/28/16 02:58	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/16 07:35	05/28/16 02:58	1
Zinc	**0.0084**	**J B**	0.010	0.0015	mg/L		05/27/16 07:35	05/28/16 02:58	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/31/16 07:20	05/31/16 12:28	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C PS-05A_0616

Lab Sample ID: 480-100698-6

Date Collected: 05/23/16 09:35
Matrix: Ground Water
Date Received: 05/25/16 15:15

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			05/28/16 03:18	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			05/28/16 03:18	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			05/28/16 03:18	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			05/28/16 03:18	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			05/28/16 03:18	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			05/28/16 03:18	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			05/28/16 03:18	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			05/28/16 03:18	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			05/28/16 03:18	5
1,2-Dichlorobenzene	**4.1**	**J**	5.0	4.0	ug/L			05/28/16 03:18	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			05/28/16 03:18	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			05/28/16 03:18	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			05/28/16 03:18	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			05/28/16 03:18	5
2-Butanone (MEK)	ND		50	6.6	ug/L			05/28/16 03:18	5
2-Hexanone	ND		25	6.2	ug/L			05/28/16 03:18	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			05/28/16 03:18	5
Acetone	ND		50	15	ug/L			05/28/16 03:18	5
Benzene	ND		5.0	2.1	ug/L			05/28/16 03:18	5
Bromodichloromethane	ND		5.0	2.0	ug/L			05/28/16 03:18	5
Bromoform	ND		5.0	1.3	ug/L			05/28/16 03:18	5
Bromomethane	ND		5.0	3.5	ug/L			05/28/16 03:18	5
Carbon disulfide	ND		5.0	0.95	ug/L			05/28/16 03:18	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			05/28/16 03:18	5
Chlorobenzene	**250**		5.0	3.8	ug/L			05/28/16 03:18	5
Chloroethane	ND		5.0	1.6	ug/L			05/28/16 03:18	5
Chloroform	ND		5.0	1.7	ug/L			05/28/16 03:18	5
Chloromethane	ND		5.0	1.8	ug/L			05/28/16 03:18	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			05/28/16 03:18	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			05/28/16 03:18	5
Cyclohexane	ND		5.0	0.90	ug/L			05/28/16 03:18	5
Dibromochloromethane	ND		5.0	1.6	ug/L			05/28/16 03:18	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			05/28/16 03:18	5
Ethylbenzene	ND		5.0	3.7	ug/L			05/28/16 03:18	5
Isopropylbenzene	ND		5.0	4.0	ug/L			05/28/16 03:18	5
Methyl acetate	ND		13	6.5	ug/L			05/28/16 03:18	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			05/28/16 03:18	5
Methylcyclohexane	ND		5.0	0.80	ug/L			05/28/16 03:18	5
Methylene Chloride	ND		5.0	2.2	ug/L			05/28/16 03:18	5
Styrene	ND		5.0	3.7	ug/L			05/28/16 03:18	5
Tetrachloroethene	ND		5.0	1.8	ug/L			05/28/16 03:18	5
Toluene	ND		5.0	2.6	ug/L			05/28/16 03:18	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			05/28/16 03:18	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			05/28/16 03:18	5
Trichloroethene	ND		5.0	2.3	ug/L			05/28/16 03:18	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			05/28/16 03:18	5
Vinyl chloride	ND		5.0	4.5	ug/L			05/28/16 03:18	5
Xylenes, Total	ND		10	3.3	ug/L			05/28/16 03:18	5

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C PS-05A_0616

Date Collected: 05/23/16 09:35
Date Received: 05/25/16 15:15

Lab Sample ID: 480-100698-6

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*		*05/28/16 03:18*	*5*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*		*05/28/16 03:18*	*5*
Toluene-d8 (Surr)	*88*		*71 - 126*		*05/28/16 03:18*	*5*
Dibromofluoromethane (Surr)	*91*		*60 - 140*		*05/28/16 03:18*	*5*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		05/26/16 14:30	05/28/16 21:19	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		05/26/16 14:30	05/28/16 21:19	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		05/26/16 14:30	05/28/16 21:19	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		05/26/16 14:30	05/28/16 21:19	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		05/26/16 14:30	05/28/16 21:19	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		05/26/16 14:30	05/28/16 21:19	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		05/26/16 14:30	05/28/16 21:19	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		05/26/16 14:30	05/28/16 21:19	1
2-Chlorophenol	**1.1**	**J**	5.0	0.53	ug/L		05/26/16 14:30	05/28/16 21:19	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		05/26/16 14:30	05/28/16 21:19	1
2-Methylphenol	ND		5.0	0.40	ug/L		05/26/16 14:30	05/28/16 21:19	1
2-Nitroaniline	ND		10	0.42	ug/L		05/26/16 14:30	05/28/16 21:19	1
2-Nitrophenol	ND		5.0	0.48	ug/L		05/26/16 14:30	05/28/16 21:19	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		05/26/16 14:30	05/28/16 21:19	1
3-Nitroaniline	ND		10	0.48	ug/L		05/26/16 14:30	05/28/16 21:19	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		05/26/16 14:30	05/28/16 21:19	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		05/26/16 14:30	05/28/16 21:19	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		05/26/16 14:30	05/28/16 21:19	1
4-Chloroaniline	ND		5.0	0.59	ug/L		05/26/16 14:30	05/28/16 21:19	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		05/26/16 14:30	05/28/16 21:19	1
4-Methylphenol	ND		10	0.36	ug/L		05/26/16 14:30	05/28/16 21:19	1
4-Nitroaniline	ND		10	0.25	ug/L		05/26/16 14:30	05/28/16 21:19	1
4-Nitrophenol	ND		10	1.5	ug/L		05/26/16 14:30	05/28/16 21:19	1
Acenaphthene	ND		5.0	0.41	ug/L		05/26/16 14:30	05/28/16 21:19	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/26/16 14:30	05/28/16 21:19	1
Acetophenone	ND		5.0	0.54	ug/L		05/26/16 14:30	05/28/16 21:19	1
Aniline	ND		10	0.61	ug/L		05/26/16 14:30	05/28/16 21:19	1
Anthracene	ND		5.0	0.28	ug/L		05/26/16 14:30	05/28/16 21:19	1
Atrazine	ND		5.0	0.46	ug/L		05/26/16 14:30	05/28/16 21:19	1
Benzaldehyde	ND		5.0	0.27	ug/L		05/26/16 14:30	05/28/16 21:19	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		05/26/16 14:30	05/28/16 21:19	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		05/26/16 14:30	05/28/16 21:19	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		05/26/16 14:30	05/28/16 21:19	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		05/26/16 14:30	05/28/16 21:19	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		05/26/16 14:30	05/28/16 21:19	1
Biphenyl	ND		5.0	0.65	ug/L		05/26/16 14:30	05/28/16 21:19	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		05/26/16 14:30	05/28/16 21:19	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		05/26/16 14:30	05/28/16 21:19	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		05/26/16 14:30	05/28/16 21:19	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		05/26/16 14:30	05/28/16 21:19	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		05/26/16 14:30	05/28/16 21:19	1
Caprolactam	ND		5.0	2.2	ug/L		05/26/16 14:30	05/28/16 21:19	1
Carbazole	ND		5.0	0.30	ug/L		05/26/16 14:30	05/28/16 21:19	1

Client Sample ID: BCC Area C PS-05A_0616

Lab Sample ID: 480-100698-6
Date Collected: 05/23/16 09:35
Matrix: Ground Water
Date Received: 05/25/16 15:15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		05/26/16 14:30	05/28/16 21:19	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/26/16 14:30	05/28/16 21:19	1
Dibenzofuran	ND		10	0.51	ug/L		05/26/16 14:30	05/28/16 21:19	1
Diethyl phthalate	ND		5.0	0.22	ug/L		05/26/16 14:30	05/28/16 21:19	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		05/26/16 14:30	05/28/16 21:19	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		05/26/16 14:30	05/28/16 21:19	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		05/26/16 14:30	05/28/16 21:19	1
Fluoranthene	ND		5.0	0.40	ug/L		05/26/16 14:30	05/28/16 21:19	1
Fluorene	ND		5.0	0.36	ug/L		05/26/16 14:30	05/28/16 21:19	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		05/26/16 14:30	05/28/16 21:19	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		05/26/16 14:30	05/28/16 21:19	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		05/26/16 14:30	05/28/16 21:19	1
Hexachloroethane	ND		5.0	0.59	ug/L		05/26/16 14:30	05/28/16 21:19	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		05/26/16 14:30	05/28/16 21:19	1
Isophorone	ND		5.0	0.43	ug/L		05/26/16 14:30	05/28/16 21:19	1
Naphthalene	ND		5.0	0.76	ug/L		05/26/16 14:30	05/28/16 21:19	1
Nitrobenzene	ND		5.0	0.29	ug/L		05/26/16 14:30	05/28/16 21:19	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		05/26/16 14:30	05/28/16 21:19	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		05/26/16 14:30	05/28/16 21:19	1
Pentachlorophenol	ND		10	2.2	ug/L		05/26/16 14:30	05/28/16 21:19	1
Phenanthrene	ND		5.0	0.44	ug/L		05/26/16 14:30	05/28/16 21:19	1
Phenol	ND		5.0	0.39	ug/L		05/26/16 14:30	05/28/16 21:19	1
Pyrene	ND		5.0	0.34	ug/L		05/26/16 14:30	05/28/16 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*85*		*52 - 132*	*05/26/16 14:30*	*05/28/16 21:19*	*1*
2-Fluorobiphenyl	*79*		*48 - 120*	*05/26/16 14:30*	*05/28/16 21:19*	*1*
2-Fluorophenol	*60*		*20 - 120*	*05/26/16 14:30*	*05/28/16 21:19*	*1*
Nitrobenzene-d5	*86*		*46 - 120*	*05/26/16 14:30*	*05/28/16 21:19*	*1*
Phenol-d5	*40*		*16 - 120*	*05/26/16 14:30*	*05/28/16 21:19*	*1*
p-Terphenyl-d14	*82*		*67 - 150*	*05/26/16 14:30*	*05/28/16 21:19*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.13**	**J**	0.20	0.060	mg/L		05/27/16 07:35	05/28/16 03:11	1
Antimony	ND		0.020	0.0068	mg/L		05/27/16 07:35	05/28/16 03:11	1
Arsenic	**0.11**		0.015	0.0056	mg/L		05/27/16 07:35	05/28/16 03:11	1
Barium	**0.049**		0.0020	0.00070	mg/L		05/27/16 07:35	05/28/16 03:11	1
Beryllium	ND		0.0020	0.00030	mg/L		05/27/16 07:35	05/28/16 03:11	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/16 07:35	05/28/16 03:11	1
Calcium	**215**		0.50	0.10	mg/L		05/27/16 07:35	05/28/16 03:11	1
Chromium	**0.0016**	**J**	0.0040	0.0010	mg/L		05/27/16 07:35	05/28/16 03:11	1
Cobalt	ND		0.0040	0.00063	mg/L		05/27/16 07:35	05/28/16 03:11	1
Copper	**0.0043**	**J**	0.010	0.0016	mg/L		05/27/16 07:35	05/28/16 03:11	1
Iron	**15.7**		0.050	0.019	mg/L		05/27/16 07:35	05/28/16 03:11	1
Lead	ND		0.010	0.0030	mg/L		05/27/16 07:35	05/28/16 03:11	1
Magnesium	**20.2**		0.20	0.043	mg/L		05/27/16 07:35	05/28/16 03:11	1
Manganese	**0.30**		0.0030	0.00040	mg/L		05/27/16 07:35	05/28/16 03:11	1
Nickel	**0.0042**	**J**	0.010	0.0013	mg/L		05/27/16 07:35	05/28/16 03:11	1
Potassium	**11.3**		0.50	0.10	mg/L		05/27/16 07:35	05/28/16 03:11	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C PS-05A_0616

Lab Sample ID: 480-100698-6

Date Collected: 05/23/16 09:35
Matrix: Ground Water
Date Received: 05/25/16 15:15

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		05/27/16 07:35	05/28/16 03:11	1
Silver	ND		0.0060	0.0017	mg/L		05/27/16 07:35	05/28/16 03:11	1
Sodium	**92.5**		1.0	0.32	mg/L		05/27/16 07:35	05/28/16 03:11	1
Thallium	ND		0.020	0.010	mg/L		05/27/16 07:35	05/28/16 03:11	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/16 07:35	05/28/16 03:11	1
Zinc	**0.013**	**B**	0.010	0.0015	mg/L		05/27/16 07:35	05/28/16 03:11	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/31/16 07:20	05/31/16 12:30	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C PS-06_0616

Lab Sample ID: 480-100698-7

Date Collected: 05/23/16 08:45
Matrix: Ground Water
Date Received: 05/25/16 15:15

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/28/16 12:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/28/16 12:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/28/16 12:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/28/16 12:15	1
1,1-Dichloroethane	**1.1**		1.0	0.38	ug/L			05/28/16 12:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/28/16 12:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/28/16 12:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/28/16 12:15	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/28/16 12:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/28/16 12:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/28/16 12:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/28/16 12:15	1
1,3-Dichlorobenzene	**1.1**		1.0	0.78	ug/L			05/28/16 12:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/28/16 12:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/28/16 12:15	1
2-Hexanone	ND		5.0	1.2	ug/L			05/28/16 12:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/28/16 12:15	1
Acetone	**4.1**	**J**	10	3.0	ug/L			05/28/16 12:15	1
Benzene	ND		1.0	0.41	ug/L			05/28/16 12:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/28/16 12:15	1
Bromoform	ND		1.0	0.26	ug/L			05/28/16 12:15	1
Bromomethane	ND		1.0	0.69	ug/L			05/28/16 12:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/28/16 12:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/28/16 12:15	1
Chlorobenzene	**1.6**		1.0	0.75	ug/L			05/28/16 12:15	1
Chloroethane	ND		1.0	0.32	ug/L			05/28/16 12:15	1
Chloroform	ND		1.0	0.34	ug/L			05/28/16 12:15	1
Chloromethane	ND		1.0	0.35	ug/L			05/28/16 12:15	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/28/16 12:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/28/16 12:15	1
Cyclohexane	ND		1.0	0.18	ug/L			05/28/16 12:15	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/28/16 12:15	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/28/16 12:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/28/16 12:15	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/28/16 12:15	1
Methyl acetate	ND		2.5	1.3	ug/L			05/28/16 12:15	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/28/16 12:15	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/28/16 12:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/28/16 12:15	1
Styrene	ND		1.0	0.73	ug/L			05/28/16 12:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/28/16 12:15	1
Toluene	ND		1.0	0.51	ug/L			05/28/16 12:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/28/16 12:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/28/16 12:15	1
Trichloroethene	ND		1.0	0.46	ug/L			05/28/16 12:15	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/28/16 12:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/28/16 12:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/28/16 12:15	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C PS-06_0616

Lab Sample ID: 480-100698-7

Date Collected: 05/23/16 08:45
Matrix: Ground Water
Date Received: 05/25/16 15:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*05/28/16 12:15*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*05/28/16 12:15*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*05/28/16 12:15*	*1*
Dibromofluoromethane (Surr)	*99*		*60 - 140*		*05/28/16 12:15*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.1	0.49	ug/L		05/26/16 14:30	05/28/16 21:49	1
2,4,6-Trichlorophenol	ND		5.1	0.63	ug/L		05/26/16 14:30	05/28/16 21:49	1
2,4-Dichlorophenol	ND		5.1	0.52	ug/L		05/26/16 14:30	05/28/16 21:49	1
2,4-Dimethylphenol	ND		5.1	0.51	ug/L		05/26/16 14:30	05/28/16 21:49	1
2,4-Dinitrophenol	ND		10	2.3	ug/L		05/26/16 14:30	05/28/16 21:49	1
2,4-Dinitrotoluene	ND		5.1	0.46	ug/L		05/26/16 14:30	05/28/16 21:49	1
2,6-Dinitrotoluene	**0.86**	**J**	5.1	0.41	ug/L		05/26/16 14:30	05/28/16 21:49	1
2-Chloronaphthalene	ND		5.1	0.47	ug/L		05/26/16 14:30	05/28/16 21:49	1
2-Chlorophenol	ND		5.1	0.54	ug/L		05/26/16 14:30	05/28/16 21:49	1
2-Methylnaphthalene	ND		5.1	0.62	ug/L		05/26/16 14:30	05/28/16 21:49	1
2-Methylphenol	ND		5.1	0.41	ug/L		05/26/16 14:30	05/28/16 21:49	1
2-Nitroaniline	ND		10	0.43	ug/L		05/26/16 14:30	05/28/16 21:49	1
2-Nitrophenol	ND		5.1	0.49	ug/L		05/26/16 14:30	05/28/16 21:49	1
3,3'-Dichlorobenzidine	ND		5.1	0.41	ug/L		05/26/16 14:30	05/28/16 21:49	1
3-Nitroaniline	ND		10	0.49	ug/L		05/26/16 14:30	05/28/16 21:49	1
4,6-Dinitro-2-methylphenol	ND		10	2.3	ug/L		05/26/16 14:30	05/28/16 21:49	1
4-Bromophenyl phenyl ether	ND		5.1	0.46	ug/L		05/26/16 14:30	05/28/16 21:49	1
4-Chloro-3-methylphenol	ND		5.1	0.46	ug/L		05/26/16 14:30	05/28/16 21:49	1
4-Chloroaniline	ND		5.1	0.61	ug/L		05/26/16 14:30	05/28/16 21:49	1
4-Chlorophenyl phenyl ether	ND		5.1	0.36	ug/L		05/26/16 14:30	05/28/16 21:49	1
4-Methylphenol	ND		10	0.37	ug/L		05/26/16 14:30	05/28/16 21:49	1
4-Nitroaniline	ND		10	0.26	ug/L		05/26/16 14:30	05/28/16 21:49	1
4-Nitrophenol	ND		10	1.6	ug/L		05/26/16 14:30	05/28/16 21:49	1
Acenaphthene	ND		5.1	0.42	ug/L		05/26/16 14:30	05/28/16 21:49	1
Acenaphthylene	ND		5.1	0.39	ug/L		05/26/16 14:30	05/28/16 21:49	1
Acetophenone	ND		5.1	0.55	ug/L		05/26/16 14:30	05/28/16 21:49	1
Aniline	**0.67**	**J**	10	0.63	ug/L		05/26/16 14:30	05/28/16 21:49	1
Anthracene	ND		5.1	0.29	ug/L		05/26/16 14:30	05/28/16 21:49	1
Atrazine	ND		5.1	0.47	ug/L		05/26/16 14:30	05/28/16 21:49	1
Benzaldehyde	ND		5.1	0.27	ug/L		05/26/16 14:30	05/28/16 21:49	1
Benzo(a)anthracene	ND		5.1	0.37	ug/L		05/26/16 14:30	05/28/16 21:49	1
Benzo(a)pyrene	ND		5.1	0.48	ug/L		05/26/16 14:30	05/28/16 21:49	1
Benzo(b)fluoranthene	ND		5.1	0.35	ug/L		05/26/16 14:30	05/28/16 21:49	1
Benzo(g,h,i)perylene	ND		5.1	0.36	ug/L		05/26/16 14:30	05/28/16 21:49	1
Benzo(k)fluoranthene	ND		5.1	0.75	ug/L		05/26/16 14:30	05/28/16 21:49	1
Biphenyl	ND		5.1	0.67	ug/L		05/26/16 14:30	05/28/16 21:49	1
bis (2-chloroisopropyl) ether	ND		5.1	0.53	ug/L		05/26/16 14:30	05/28/16 21:49	1
Bis(2-chloroethoxy)methane	ND		5.1	0.36	ug/L		05/26/16 14:30	05/28/16 21:49	1
Bis(2-chloroethyl)ether	ND		5.1	0.41	ug/L		05/26/16 14:30	05/28/16 21:49	1
Bis(2-ethylhexyl) phthalate	ND		5.1	2.3	ug/L		05/26/16 14:30	05/28/16 21:49	1
Butyl benzyl phthalate	ND		5.1	1.0	ug/L		05/26/16 14:30	05/28/16 21:49	1
Caprolactam	ND		5.1	2.3	ug/L		05/26/16 14:30	05/28/16 21:49	1
Carbazole	ND		5.1	0.31	ug/L		05/26/16 14:30	05/28/16 21:49	1

Client Sample ID: BCC Area C PS-06_0616

Lab Sample ID: 480-100698-7

Date Collected: 05/23/16 08:45

Matrix: Ground Water

Date Received: 05/25/16 15:15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.1	0.34	ug/L		05/26/16 14:30	05/28/16 21:49	1
Dibenz(a,h)anthracene	ND		5.1	0.43	ug/L		05/26/16 14:30	05/28/16 21:49	1
Dibenzofuran	ND		10	0.52	ug/L		05/26/16 14:30	05/28/16 21:49	1
Diethyl phthalate	ND		5.1	0.23	ug/L		05/26/16 14:30	05/28/16 21:49	1
Dimethyl phthalate	ND		5.1	0.37	ug/L		05/26/16 14:30	05/28/16 21:49	1
Di-n-butyl phthalate	ND		5.1	0.32	ug/L		05/26/16 14:30	05/28/16 21:49	1
Di-n-octyl phthalate	ND		5.1	0.48	ug/L		05/26/16 14:30	05/28/16 21:49	1
Fluoranthene	ND		5.1	0.41	ug/L		05/26/16 14:30	05/28/16 21:49	1
Fluorene	ND		5.1	0.37	ug/L		05/26/16 14:30	05/28/16 21:49	1
Hexachlorobenzene	ND		5.1	0.52	ug/L		05/26/16 14:30	05/28/16 21:49	1
Hexachlorobutadiene	ND		5.1	0.70	ug/L		05/26/16 14:30	05/28/16 21:49	1
Hexachlorocyclopentadiene	ND		5.1	0.61	ug/L		05/26/16 14:30	05/28/16 21:49	1
Hexachloroethane	ND		5.1	0.61	ug/L		05/26/16 14:30	05/28/16 21:49	1
Indeno(1,2,3-cd)pyrene	ND		5.1	0.48	ug/L		05/26/16 14:30	05/28/16 21:49	1
Isophorone	ND		5.1	0.44	ug/L		05/26/16 14:30	05/28/16 21:49	1
Naphthalene	ND		5.1	0.78	ug/L		05/26/16 14:30	05/28/16 21:49	1
Nitrobenzene	ND		5.1	0.30	ug/L		05/26/16 14:30	05/28/16 21:49	1
N-Nitrosodi-n-propylamine	ND		5.1	0.55	ug/L		05/26/16 14:30	05/28/16 21:49	1
N-Nitrosodiphenylamine	ND		5.1	0.52	ug/L		05/26/16 14:30	05/28/16 21:49	1
Pentachlorophenol	ND		10	2.3	ug/L		05/26/16 14:30	05/28/16 21:49	1
Phenanthrene	ND		5.1	0.45	ug/L		05/26/16 14:30	05/28/16 21:49	1
Phenol	ND		5.1	0.40	ug/L		05/26/16 14:30	05/28/16 21:49	1
Pyrene	ND		5.1	0.35	ug/L		05/26/16 14:30	05/28/16 21:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*108*		*52 - 132*	*05/26/16 14:30*	*05/28/16 21:49*	*1*
2-Fluorobiphenyl	*94*		*48 - 120*	*05/26/16 14:30*	*05/28/16 21:49*	*1*
2-Fluorophenol	*72*		*20 - 120*	*05/26/16 14:30*	*05/28/16 21:49*	*1*
Nitrobenzene-d5	*101*		*46 - 120*	*05/26/16 14:30*	*05/28/16 21:49*	*1*
Phenol-d5	*48*		*16 - 120*	*05/26/16 14:30*	*05/28/16 21:49*	*1*
p-Terphenyl-d14	*86*		*67 - 150*	*05/26/16 14:30*	*05/28/16 21:49*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		05/27/16 07:35	05/28/16 03:15	1
Antimony	ND		0.020	0.0068	mg/L		05/27/16 07:35	05/28/16 03:15	1
Arsenic	**0.073**		0.015	0.0056	mg/L		05/27/16 07:35	05/28/16 03:15	1
Barium	**0.011**		0.0020	0.00070	mg/L		05/27/16 07:35	05/28/16 03:15	1
Beryllium	ND		0.0020	0.00030	mg/L		05/27/16 07:35	05/28/16 03:15	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/16 07:35	05/28/16 03:15	1
Calcium	**265**		0.50	0.10	mg/L		05/27/16 07:35	05/28/16 03:15	1
Chromium	ND		0.0040	0.0010	mg/L		05/27/16 07:35	05/28/16 03:15	1
Cobalt	ND		0.0040	0.00063	mg/L		05/27/16 07:35	05/28/16 03:15	1
Copper	ND		0.010	0.0016	mg/L		05/27/16 07:35	05/28/16 03:15	1
Iron	**56.9**		0.050	0.019	mg/L		05/27/16 07:35	05/28/16 03:15	1
Lead	ND		0.010	0.0030	mg/L		05/27/16 07:35	05/28/16 03:15	1
Magnesium	**17.3**		0.20	0.043	mg/L		05/27/16 07:35	05/28/16 03:15	1
Manganese	**0.28**		0.0030	0.00040	mg/L		05/27/16 07:35	05/28/16 03:15	1
Nickel	ND		0.010	0.0013	mg/L		05/27/16 07:35	05/28/16 03:15	1
Potassium	**70.5**		0.50	0.10	mg/L		05/27/16 07:35	05/28/16 03:15	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C PS-06_0616

Lab Sample ID: 480-100698-7

Date Collected: 05/23/16 08:45
Matrix: Ground Water
Date Received: 05/25/16 15:15

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		05/27/16 07:35	05/28/16 03:15	1
Silver	ND		0.0060	0.0017	mg/L		05/27/16 07:35	05/28/16 03:15	1
Sodium	**111**		1.0	0.32	mg/L		05/27/16 07:35	05/28/16 03:15	1
Thallium	ND		0.020	0.010	mg/L		05/27/16 07:35	05/28/16 03:15	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/16 07:35	05/28/16 03:15	1
Zinc	**0.0062**	**J B**	0.010	0.0015	mg/L		05/27/16 07:35	05/28/16 03:15	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/31/16 07:20	05/31/16 12:32	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C_MW-C01 D_0616

Lab Sample ID: 480-100698-8

Date Collected: 05/23/16 11:55
Matrix: Ground Water
Date Received: 05/25/16 15:15

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/28/16 12:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/28/16 12:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/28/16 12:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/28/16 12:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/28/16 12:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/28/16 12:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/28/16 12:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/28/16 12:40	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/28/16 12:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/28/16 12:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/28/16 12:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/28/16 12:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/28/16 12:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/28/16 12:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/28/16 12:40	1
2-Hexanone	ND		5.0	1.2	ug/L			05/28/16 12:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/28/16 12:40	1
Acetone	ND		10	3.0	ug/L			05/28/16 12:40	1
Benzene	ND		1.0	0.41	ug/L			05/28/16 12:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/28/16 12:40	1
Bromoform	ND		1.0	0.26	ug/L			05/28/16 12:40	1
Bromomethane	ND		1.0	0.69	ug/L			05/28/16 12:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/28/16 12:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/28/16 12:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/28/16 12:40	1
Chloroethane	ND		1.0	0.32	ug/L			05/28/16 12:40	1
Chloroform	ND		1.0	0.34	ug/L			05/28/16 12:40	1
Chloromethane	ND		1.0	0.35	ug/L			05/28/16 12:40	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/28/16 12:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/28/16 12:40	1
Cyclohexane	ND		1.0	0.18	ug/L			05/28/16 12:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/28/16 12:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/28/16 12:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/28/16 12:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/28/16 12:40	1
Methyl acetate	ND		2.5	1.3	ug/L			05/28/16 12:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/28/16 12:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/28/16 12:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/28/16 12:40	1
Styrene	ND		1.0	0.73	ug/L			05/28/16 12:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/28/16 12:40	1
Toluene	ND		1.0	0.51	ug/L			05/28/16 12:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/28/16 12:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/28/16 12:40	1
Trichloroethene	ND		1.0	0.46	ug/L			05/28/16 12:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/28/16 12:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/28/16 12:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/28/16 12:40	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C_MW-C01 D_0616

Lab Sample ID: 480-100698-8
Date Collected: 05/23/16 11:55
Matrix: Ground Water
Date Received: 05/25/16 15:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*		*05/28/16 12:40*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*05/28/16 12:40*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*05/28/16 12:40*	*1*
Dibromofluoromethane (Surr)	*99*		*60 - 140*		*05/28/16 12:40*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		05/26/16 14:30	05/28/16 22:18	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		05/26/16 14:30	05/28/16 22:18	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		05/26/16 14:30	05/28/16 22:18	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		05/26/16 14:30	05/28/16 22:18	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		05/26/16 14:30	05/28/16 22:18	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		05/26/16 14:30	05/28/16 22:18	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		05/26/16 14:30	05/28/16 22:18	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		05/26/16 14:30	05/28/16 22:18	1
2-Chlorophenol	ND		4.7	0.50	ug/L		05/26/16 14:30	05/28/16 22:18	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		05/26/16 14:30	05/28/16 22:18	1
2-Methylphenol	ND		4.7	0.38	ug/L		05/26/16 14:30	05/28/16 22:18	1
2-Nitroaniline	ND		9.4	0.39	ug/L		05/26/16 14:30	05/28/16 22:18	1
2-Nitrophenol	ND		4.7	0.45	ug/L		05/26/16 14:30	05/28/16 22:18	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		05/26/16 14:30	05/28/16 22:18	1
3-Nitroaniline	ND		9.4	0.45	ug/L		05/26/16 14:30	05/28/16 22:18	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		05/26/16 14:30	05/28/16 22:18	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		05/26/16 14:30	05/28/16 22:18	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		05/26/16 14:30	05/28/16 22:18	1
4-Chloroaniline	ND		4.7	0.55	ug/L		05/26/16 14:30	05/28/16 22:18	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		05/26/16 14:30	05/28/16 22:18	1
4-Methylphenol	ND		9.4	0.34	ug/L		05/26/16 14:30	05/28/16 22:18	1
4-Nitroaniline	ND		9.4	0.23	ug/L		05/26/16 14:30	05/28/16 22:18	1
4-Nitrophenol	ND		9.4	1.4	ug/L		05/26/16 14:30	05/28/16 22:18	1
Acenaphthene	ND		4.7	0.38	ug/L		05/26/16 14:30	05/28/16 22:18	1
Acenaphthylene	ND		4.7	0.36	ug/L		05/26/16 14:30	05/28/16 22:18	1
Acetophenone	ND		4.7	0.51	ug/L		05/26/16 14:30	05/28/16 22:18	1
Aniline	**0.74**	**J**	9.4	0.57	ug/L		05/26/16 14:30	05/28/16 22:18	1
Anthracene	ND		4.7	0.26	ug/L		05/26/16 14:30	05/28/16 22:18	1
Atrazine	ND		4.7	0.43	ug/L		05/26/16 14:30	05/28/16 22:18	1
Benzaldehyde	ND		4.7	0.25	ug/L		05/26/16 14:30	05/28/16 22:18	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		05/26/16 14:30	05/28/16 22:18	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		05/26/16 14:30	05/28/16 22:18	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		05/26/16 14:30	05/28/16 22:18	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		05/26/16 14:30	05/28/16 22:18	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		05/26/16 14:30	05/28/16 22:18	1
Biphenyl	ND		4.7	0.61	ug/L		05/26/16 14:30	05/28/16 22:18	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		05/26/16 14:30	05/28/16 22:18	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		05/26/16 14:30	05/28/16 22:18	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		05/26/16 14:30	05/28/16 22:18	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		05/26/16 14:30	05/28/16 22:18	1
Butyl benzyl phthalate	ND		4.7	0.94	ug/L		05/26/16 14:30	05/28/16 22:18	1
Caprolactam	ND		4.7	2.1	ug/L		05/26/16 14:30	05/28/16 22:18	1
Carbazole	ND		4.7	0.28	ug/L		05/26/16 14:30	05/28/16 22:18	1

Client Sample ID: BCC Area C_MW-C01 D_0616

Lab Sample ID: 480-100698-8
Date Collected: 05/23/16 11:55
Matrix: Ground Water
Date Received: 05/25/16 15:15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		05/26/16 14:30	05/28/16 22:18	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		05/26/16 14:30	05/28/16 22:18	1
Dibenzofuran	ND		9.4	0.48	ug/L		05/26/16 14:30	05/28/16 22:18	1
Diethyl phthalate	ND		4.7	0.21	ug/L		05/26/16 14:30	05/28/16 22:18	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		05/26/16 14:30	05/28/16 22:18	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		05/26/16 14:30	05/28/16 22:18	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		05/26/16 14:30	05/28/16 22:18	1
Fluoranthene	ND		4.7	0.38	ug/L		05/26/16 14:30	05/28/16 22:18	1
Fluorene	ND		4.7	0.34	ug/L		05/26/16 14:30	05/28/16 22:18	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		05/26/16 14:30	05/28/16 22:18	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		05/26/16 14:30	05/28/16 22:18	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		05/26/16 14:30	05/28/16 22:18	1
Hexachloroethane	ND		4.7	0.55	ug/L		05/26/16 14:30	05/28/16 22:18	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		05/26/16 14:30	05/28/16 22:18	1
Isophorone	ND		4.7	0.40	ug/L		05/26/16 14:30	05/28/16 22:18	1
Naphthalene	ND		4.7	0.71	ug/L		05/26/16 14:30	05/28/16 22:18	1
Nitrobenzene	ND		4.7	0.27	ug/L		05/26/16 14:30	05/28/16 22:18	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		05/26/16 14:30	05/28/16 22:18	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		05/26/16 14:30	05/28/16 22:18	1
Pentachlorophenol	ND		9.4	2.1	ug/L		05/26/16 14:30	05/28/16 22:18	1
Phenanthrene	ND		4.7	0.41	ug/L		05/26/16 14:30	05/28/16 22:18	1
Phenol	ND		4.7	0.37	ug/L		05/26/16 14:30	05/28/16 22:18	1
Pyrene	ND		4.7	0.32	ug/L		05/26/16 14:30	05/28/16 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*87*		*52 - 132*	*05/26/16 14:30*	*05/28/16 22:18*	*1*
2-Fluorobiphenyl	*82*		*48 - 120*	*05/26/16 14:30*	*05/28/16 22:18*	*1*
2-Fluorophenol	*60*		*20 - 120*	*05/26/16 14:30*	*05/28/16 22:18*	*1*
Nitrobenzene-d5	*88*		*46 - 120*	*05/26/16 14:30*	*05/28/16 22:18*	*1*
Phenol-d5	*40*		*16 - 120*	*05/26/16 14:30*	*05/28/16 22:18*	*1*
p-Terphenyl-d14	*93*		*67 - 150*	*05/26/16 14:30*	*05/28/16 22:18*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.31**		0.20	0.060	mg/L		05/27/16 07:35	05/28/16 03:18	1
Antimony	ND		0.020	0.0068	mg/L		05/27/16 07:35	05/28/16 03:18	1
Arsenic	ND		0.015	0.0056	mg/L		05/27/16 07:35	05/28/16 03:18	1
Barium	**0.10**		0.0020	0.00070	mg/L		05/27/16 07:35	05/28/16 03:18	1
Beryllium	ND		0.0020	0.00030	mg/L		05/27/16 07:35	05/28/16 03:18	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/16 07:35	05/28/16 03:18	1
Calcium	**122**		0.50	0.10	mg/L		05/27/16 07:35	05/28/16 03:18	1
Chromium	**0.0029**	**J**	0.0040	0.0010	mg/L		05/27/16 07:35	05/28/16 03:18	1
Cobalt	ND		0.0040	0.00063	mg/L		05/27/16 07:35	05/28/16 03:18	1
Copper	**0.0081**	**J**	0.010	0.0016	mg/L		05/27/16 07:35	05/28/16 03:18	1
Iron	**0.27**		0.050	0.019	mg/L		05/27/16 07:35	05/28/16 03:18	1
Lead	ND		0.010	0.0030	mg/L		05/27/16 07:35	05/28/16 03:18	1
Magnesium	**17.1**		0.20	0.043	mg/L		05/27/16 07:35	05/28/16 03:18	1
Manganese	**0.014**		0.0030	0.00040	mg/L		05/27/16 07:35	05/28/16 03:18	1
Nickel	**0.0024**	**J**	0.010	0.0013	mg/L		05/27/16 07:35	05/28/16 03:18	1
Potassium	**50.0**		0.50	0.10	mg/L		05/27/16 07:35	05/28/16 03:18	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C_MW-C01 D_0616

Lab Sample ID: 480-100698-8
Date Collected: 05/23/16 11:55
Matrix: Ground Water
Date Received: 05/25/16 15:15

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		05/27/16 07:35	05/28/16 03:18	1
Silver	ND		0.0060	0.0017	mg/L		05/27/16 07:35	05/28/16 03:18	1
Sodium	**297**		1.0	0.32	mg/L		05/27/16 07:35	05/28/16 03:18	1
Thallium	ND		0.020	0.010	mg/L		05/27/16 07:35	05/28/16 03:18	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/16 07:35	05/28/16 03:18	1
Zinc	**0.035**	**B**	0.010	0.0015	mg/L		05/27/16 07:35	05/28/16 03:18	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/31/16 07:20	05/31/16 12:33	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-100698-9

Date Collected: 05/23/16 00:00
Date Received: 05/25/16 15:15

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/28/16 04:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/28/16 04:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/28/16 04:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/28/16 04:29	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/28/16 04:29	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/28/16 04:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/28/16 04:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/28/16 04:29	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/28/16 04:29	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/28/16 04:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/28/16 04:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/28/16 04:29	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/28/16 04:29	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/28/16 04:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/28/16 04:29	1
2-Hexanone	ND		5.0	1.2	ug/L			05/28/16 04:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/28/16 04:29	1
Acetone	ND		10	3.0	ug/L			05/28/16 04:29	1
Benzene	ND		1.0	0.41	ug/L			05/28/16 04:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/28/16 04:29	1
Bromoform	ND		1.0	0.26	ug/L			05/28/16 04:29	1
Bromomethane	ND		1.0	0.69	ug/L			05/28/16 04:29	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/28/16 04:29	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/28/16 04:29	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/28/16 04:29	1
Chloroethane	ND		1.0	0.32	ug/L			05/28/16 04:29	1
Chloroform	ND		1.0	0.34	ug/L			05/28/16 04:29	1
Chloromethane	ND		1.0	0.35	ug/L			05/28/16 04:29	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/28/16 04:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/28/16 04:29	1
Cyclohexane	ND		1.0	0.18	ug/L			05/28/16 04:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/28/16 04:29	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/28/16 04:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/28/16 04:29	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/28/16 04:29	1
Methyl acetate	ND		2.5	1.3	ug/L			05/28/16 04:29	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/28/16 04:29	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/28/16 04:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/28/16 04:29	1
Styrene	ND		1.0	0.73	ug/L			05/28/16 04:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/28/16 04:29	1
Toluene	ND		1.0	0.51	ug/L			05/28/16 04:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/28/16 04:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/28/16 04:29	1
Trichloroethene	ND		1.0	0.46	ug/L			05/28/16 04:29	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/28/16 04:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/28/16 04:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/28/16 04:29	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-100698-9

Date Collected: 05/23/16 00:00

Matrix: Water

Date Received: 05/25/16 15:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		66 - 137		05/28/16 04:29	1
4-Bromofluorobenzene (Surr)	109		73 - 120		05/28/16 04:29	1
Toluene-d8 (Surr)	86		71 - 126		05/28/16 04:29	1
Dibromofluoromethane (Surr)	89		60 - 140		05/28/16 04:29	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Ground Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)	(60-140)
480-100698-1	BCC Area C MW-C01_0616	93	92	100	101
480-100698-1 MS	BCC Area C MW-C01 MS_0616	85	99	103	93
480-100698-1 MSD	BCC Area C MW-C01 MSD_0616	86	101	102	94
480-100698-2	BCC Area C RFI-31_0616	98	101	98	99
480-100698-3	BCC Area C PS-04_0616	97	113	90	89
480-100698-4	BCC Area C MW-C04_0616	98	101	104	109
480-100698-4 MS	BCC Area C MW-C04_0616	87	104	107	95
480-100698-4 MSD	BCC Area C MW-C04_0616	85	100	104	97
480-100698-5	BCC Area C RFI-20_0616	93	108	87	86
480-100698-6	BCC Area C PS-05A_0616	98	110	88	91
480-100698-7	BCC Area C PS-06_0616	99	101	98	99
480-100698-8	BCC Area C_MW-C01 D_0616	97	97	95	99

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)	(60-140)
480-100698-9	TRIP BLANK	94	109	86	89
LCS 480-303982/5	Lab Control Sample	85	97	101	95
LCS 480-304131/5	Lab Control Sample	87	111	94	80
LCS 480-304145/5	Lab Control Sample	85	98	101	93
LCS 480-304169/5	Lab Control Sample	97	107	100	98
MB 480-303982/7	Method Blank	91	92	97	94
MB 480-304131/7	Method Blank	90	111	88	84
MB 480-304145/7	Method Blank	90	92	98	97
MB 480-304169/7	Method Blank	97	102	97	99

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Ground Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)
480-100698-1	BCC Area C MW-C01_0616	83	75	49	77	33	102
480-100698-1 MS	BCC Area C MW-C01 MS_0616	93	87	64	90	46	87

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Ground Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)
480-100698-1 MSD	BCC Area C MW-C01 MSD_061	89	80	63	83	45	84
480-100698-2	BCC Area C RFI-31_0616	87	45 X	38	56	25	85
480-100698-3	BCC Area C PS-04_0616	70	75	59	82	41	84
480-100698-4	BCC Area C MW-C04_0616	88	65	46	68	31	86
480-100698-5	BCC Area C RFI-20_0616	92	85	63	92	42	92
480-100698-6	BCC Area C PS-05A_0616	85	79	60	86	40	82
480-100698-7	BCC Area C PS-06_0616	108	94	72	101	48	86
480-100698-8	BCC Area C_MW-C01 D_0616	87	82	60	88	40	93

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = p-Terphenyl-d14

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)
LCS 480-303858/2-A	Lab Control Sample	78	76	67	82	49	96
MB 480-303858/1-A	Method Blank	60	68	56	74	39	94

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = p-Terphenyl-d14

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-303982/7
Matrix: Water
Analysis Batch: 303982

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/27/16 10:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/27/16 10:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/27/16 10:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/27/16 10:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/27/16 10:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/27/16 10:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/27/16 10:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/27/16 10:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/27/16 10:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/27/16 10:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/27/16 10:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/27/16 10:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/27/16 10:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/27/16 10:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/27/16 10:53	1
2-Hexanone	ND		5.0	1.2	ug/L			05/27/16 10:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/27/16 10:53	1
Acetone	ND		10	3.0	ug/L			05/27/16 10:53	1
Benzene	ND		1.0	0.41	ug/L			05/27/16 10:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/27/16 10:53	1
Bromoform	ND		1.0	0.26	ug/L			05/27/16 10:53	1
Bromomethane	ND		1.0	0.69	ug/L			05/27/16 10:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/27/16 10:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/27/16 10:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/27/16 10:53	1
Chloroethane	ND		1.0	0.32	ug/L			05/27/16 10:53	1
Chloroform	ND		1.0	0.34	ug/L			05/27/16 10:53	1
Chloromethane	ND		1.0	0.35	ug/L			05/27/16 10:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/27/16 10:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/27/16 10:53	1
Cyclohexane	ND		1.0	0.18	ug/L			05/27/16 10:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/27/16 10:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/27/16 10:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/27/16 10:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/27/16 10:53	1
Methyl acetate	ND		2.5	1.3	ug/L			05/27/16 10:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/27/16 10:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/27/16 10:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/27/16 10:53	1
Styrene	ND		1.0	0.73	ug/L			05/27/16 10:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/27/16 10:53	1
Toluene	ND		1.0	0.51	ug/L			05/27/16 10:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/27/16 10:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/27/16 10:53	1
Trichloroethene	ND		1.0	0.46	ug/L			05/27/16 10:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/27/16 10:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/27/16 10:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/27/16 10:53	1

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		66 - 137		05/27/16 10:53	1
4-Bromofluorobenzene (Surr)	92		73 - 120		05/27/16 10:53	1
Toluene-d8 (Surr)	97		71 - 126		05/27/16 10:53	1
Dibromofluoromethane (Surr)	94		60 - 140		05/27/16 10:53	1

Lab Sample ID: LCS 480-303982/5
Matrix: Water
Analysis Batch: 303982

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	27.0		ug/L		108	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.8		ug/L		95	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.0		ug/L		104	52 - 148
1,1,2-Trichloroethane	25.0	24.4		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	24.1		ug/L		96	71 - 129
1,1-Dichloroethene	25.0	25.3		ug/L		101	58 - 121
1,2,4-Trichlorobenzene	25.0	23.7		ug/L		95	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.6		ug/L		90	56 - 134
1,2-Dibromoethane	25.0	24.8		ug/L		99	77 - 120
1,2-Dichlorobenzene	25.0	24.5		ug/L		98	80 - 124
1,2-Dichloroethane	25.0	21.6		ug/L		86	75 - 127
1,2-Dichloropropane	25.0	22.4		ug/L		90	76 - 120
1,3-Dichlorobenzene	25.0	25.3		ug/L		101	77 - 120
1,4-Dichlorobenzene	25.0	24.8		ug/L		99	75 - 120
2-Butanone (MEK)	125	119		ug/L		95	57 - 140
2-Hexanone	125	118		ug/L		95	65 - 127
4-Methyl-2-pentanone (MIBK)	125	115		ug/L		92	71 - 125
Acetone	125	134		ug/L		107	56 - 142
Benzene	25.0	25.1		ug/L		100	71 - 124
Bromodichloromethane	25.0	23.4		ug/L		94	80 - 122
Bromoform	25.0	26.4		ug/L		105	52 - 132
Bromomethane	25.0	25.1		ug/L		100	55 - 144
Carbon disulfide	25.0	24.6		ug/L		98	59 - 134
Carbon tetrachloride	25.0	27.6		ug/L		110	72 - 134
Chlorobenzene	25.0	25.4		ug/L		101	72 - 120
Chloroethane	25.0	26.3		ug/L		105	69 - 136
Chloroform	25.0	23.5		ug/L		94	73 - 127
Chloromethane	25.0	22.0		ug/L		88	68 - 124
cis-1,2-Dichloroethene	25.0	24.2		ug/L		97	74 - 124
cis-1,3-Dichloropropene	25.0	22.2		ug/L		89	74 - 124
Cyclohexane	25.0	25.9		ug/L		104	59 - 135
Dibromochloromethane	25.0	24.7		ug/L		99	75 - 125
Dichlorodifluoromethane	25.0	22.9		ug/L		92	59 - 135
Ethylbenzene	25.0	25.2		ug/L		101	77 - 123
Isopropylbenzene	25.0	25.1		ug/L		101	77 - 122
Methyl acetate	125	118		ug/L		94	74 - 133
Methyl tert-butyl ether	25.0	21.1		ug/L		84	64 - 127
Methylcyclohexane	25.0	27.1		ug/L		108	61 - 138
Methylene Chloride	25.0	24.2		ug/L		97	57 - 132
Styrene	25.0	25.0		ug/L		100	70 - 130
Tetrachloroethene	25.0	27.6		ug/L		110	74 - 122
Toluene	25.0	25.7		ug/L		103	80 - 122
trans-1,2-Dichloroethene	25.0	25.9		ug/L		104	73 - 127

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-303982/5
Matrix: Water
Analysis Batch: 303982

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	25.0	23.0		ug/L		92	72 - 123
Trichloroethene	25.0	24.6		ug/L		98	74 - 123
Trichlorofluoromethane	25.0	28.8		ug/L		115	62 - 152
Vinyl chloride	25.0	25.5		ug/L		102	65 - 133
Xylenes, Total	50.0	50.4		ug/L		101	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*66 - 137*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Toluene-d8 (Surr)	*101*		*71 - 126*
Dibromofluoromethane (Surr)	*95*		*60 - 140*

Lab Sample ID: 480-100698-1 MS
Matrix: Ground Water
Analysis Batch: 303982

Client Sample ID: BCC Area C MW-C01 MS_0616
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND	F2	25.0	24.0		ug/L		96	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	21.8		ug/L		87	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	23.3		ug/L		93	52 - 148
1,1,2-Trichloroethane	ND		25.0	22.9		ug/L		92	76 - 122
1,1-Dichloroethane	ND	F2	25.0	20.4		ug/L		82	71 - 129
1,1-Dichloroethene	ND		25.0	21.9		ug/L		88	58 - 121
1,2,4-Trichlorobenzene	ND		25.0	20.2		ug/L		81	70 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	19.9		ug/L		80	56 - 134
1,2-Dibromoethane	ND		25.0	23.1		ug/L		92	77 - 120
1,2-Dichlorobenzene	ND		25.0	22.0		ug/L		88	80 - 124
1,2-Dichloroethane	ND		25.0	19.8		ug/L		79	75 - 127
1,2-Dichloropropane	ND		25.0	19.5		ug/L		78	76 - 120
1,3-Dichlorobenzene	ND		25.0	21.6		ug/L		86	77 - 120
1,4-Dichlorobenzene	ND		25.0	21.8		ug/L		87	75 - 120
2-Butanone (MEK)	ND		125	100		ug/L		80	57 - 140
2-Hexanone	ND		125	103		ug/L		82	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	105		ug/L		84	71 - 125
Acetone	ND		125	101		ug/L		81	56 - 142
Benzene	ND	F2	25.0	21.6		ug/L		86	71 - 124
Bromodichloromethane	ND		25.0	20.7		ug/L		83	80 - 122
Bromoform	ND		25.0	24.1		ug/L		96	52 - 132
Bromomethane	ND		25.0	26.9		ug/L		108	55 - 144
Carbon disulfide	ND	F2	25.0	20.5		ug/L		82	59 - 134
Carbon tetrachloride	ND	F2	25.0	23.8		ug/L		95	72 - 134
Chlorobenzene	ND		25.0	22.9		ug/L		91	72 - 120
Chloroethane	ND		25.0	28.9		ug/L		115	69 - 136
Chloroform	ND		25.0	20.8		ug/L		83	73 - 127
Chloromethane	ND		25.0	23.8		ug/L		95	68 - 124
cis-1,2-Dichloroethene	ND	F2	25.0	20.9		ug/L		84	74 - 124
cis-1,3-Dichloropropene	ND	F1	25.0	18.1	F1	ug/L		72	74 - 124

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-100698-1 MS
Matrix: Ground Water
Analysis Batch: 303982

Client Sample ID: BCC Area C MW-C01 MS_0616
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyclohexane	ND		25.0	21.6		ug/L		86	59 - 135
Dibromochloromethane	ND		25.0	23.3		ug/L		93	75 - 125
Dichlorodifluoromethane	ND		25.0	24.4		ug/L		97	59 - 135
Ethylbenzene	ND	F2	25.0	21.9		ug/L		88	77 - 123
Isopropylbenzene	ND	F2	25.0	21.1		ug/L		84	77 - 122
Methyl acetate	ND		125	103		ug/L		83	74 - 133
Methyl tert-butyl ether	ND		25.0	19.2		ug/L		77	64 - 127
Methylcyclohexane	ND	F2	25.0	21.7		ug/L		87	61 - 138
Methylene Chloride	ND		25.0	21.1		ug/L		84	57 - 132
Styrene	ND		25.0	22.1		ug/L		88	70 - 130
Tetrachloroethene	ND		25.0	24.9		ug/L		100	74 - 122
Toluene	ND	F2	25.0	22.5		ug/L		90	80 - 122
trans-1,2-Dichloroethene	ND	F2	25.0	22.1		ug/L		88	73 - 127
trans-1,3-Dichloropropene	ND		25.0	20.1		ug/L		80	72 - 123
Trichloroethene	ND	F2	25.0	21.2		ug/L		85	74 - 123
Trichlorofluoromethane	ND		25.0	32.0		ug/L		128	62 - 152
Vinyl chloride	ND		25.0	28.7		ug/L		115	65 - 133
Xylenes, Total	ND	F2	50.0	43.4		ug/L		87	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*66 - 137*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Toluene-d8 (Surr)	*103*		*71 - 126*
Dibromofluoromethane (Surr)	*93*		*60 - 140*

Lab Sample ID: 480-100698-1 MSD
Matrix: Ground Water
Analysis Batch: 303982

Client Sample ID: BCC Area C MW-C01 MSD_0616
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND	F2	25.0	29.7	F2	ug/L		119	73 - 126	21	15
1,1,2,2-Tetrachloroethane	ND		25.0	23.5		ug/L		94	70 - 126	7	15
1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		25.0	28.6		ug/L		115	52 - 148	20	20
1,1,2-Trichloroethane	ND		25.0	25.2		ug/L		101	76 - 122	10	15
1,1-Dichloroethane	ND	F2	25.0	25.1	F2	ug/L		101	71 - 129	21	20
1,1-Dichloroethene	ND		25.0	25.7		ug/L		103	58 - 121	16	16
1,2,4-Trichlorobenzene	ND		25.0	23.8		ug/L		95	70 - 122	16	20
1,2-Dibromo-3-Chloropropane	ND		25.0	22.0		ug/L		88	56 - 134	10	15
1,2-Dibromoethane	ND		25.0	25.1		ug/L		101	77 - 120	9	15
1,2-Dichlorobenzene	ND		25.0	25.4		ug/L		102	80 - 124	15	20
1,2-Dichloroethane	ND		25.0	22.2		ug/L		89	75 - 127	11	20
1,2-Dichloropropane	ND		25.0	22.9		ug/L		92	76 - 120	16	20
1,3-Dichlorobenzene	ND		25.0	26.3		ug/L		105	77 - 120	20	20
1,4-Dichlorobenzene	ND		25.0	25.4		ug/L		102	75 - 120	15	20
2-Butanone (MEK)	ND		125	100		ug/L		80	57 - 140	0	20
2-Hexanone	ND		125	106		ug/L		85	65 - 127	3	15
4-Methyl-2-pentanone (MIBK)	ND		125	109		ug/L		87	71 - 125	4	35

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-100698-1 MSD
Matrix: Ground Water
Analysis Batch: 303982

Client Sample ID: BCC Area C MW-C01 MSD_0616
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		125	102		ug/L		81	56 - 142	1	15
Benzene	ND	F2	25.0	26.0	F2	ug/L		104	71 - 124	19	13
Bromodichloromethane	ND		25.0	23.8		ug/L		95	80 - 122	14	15
Bromoform	ND		25.0	25.6		ug/L		102	52 - 132	6	15
Bromomethane	ND		25.0	28.4		ug/L		114	55 - 144	5	15
Carbon disulfide	ND	F2	25.0	24.6	F2	ug/L		98	59 - 134	18	15
Carbon tetrachloride	ND	F2	25.0	29.9	F2	ug/L		120	72 - 134	23	15
Chlorobenzene	ND		25.0	26.8		ug/L		107	72 - 120	16	25
Chloroethane	ND		25.0	29.6		ug/L		118	69 - 136	2	15
Chloroform	ND		25.0	24.6		ug/L		98	73 - 127	17	20
Chloromethane	ND		25.0	24.5		ug/L		98	68 - 124	3	15
cis-1,2-Dichloroethene	ND	F2	25.0	24.9	F2	ug/L		100	74 - 124	18	15
cis-1,3-Dichloropropene	ND	F1	25.0	20.5		ug/L		82	74 - 124	13	15
Cyclohexane	ND		25.0	26.5		ug/L		106	59 - 135	20	20
Dibromochloromethane	ND		25.0	26.1		ug/L		104	75 - 125	11	15
Dichlorodifluoromethane	ND		25.0	25.5		ug/L		102	59 - 135	5	20
Ethylbenzene	ND	F2	25.0	26.7	F2	ug/L		107	77 - 123	20	15
Isopropylbenzene	ND	F2	25.0	26.2	F2	ug/L		105	77 - 122	22	20
Methyl acetate	ND		125	107		ug/L		86	74 - 133	4	20
Methyl tert-butyl ether	ND		25.0	21.0		ug/L		84	64 - 127	9	37
Methylcyclohexane	ND	F2	25.0	27.0	F2	ug/L		108	61 - 138	22	20
Methylene Chloride	ND		25.0	24.0		ug/L		96	57 - 132	13	15
Styrene	ND		25.0	26.3		ug/L		105	70 - 130	18	20
Tetrachloroethene	ND		25.0	30.0		ug/L		120	74 - 122	18	20
Toluene	ND	F2	25.0	27.3	F2	ug/L		109	80 - 122	19	15
trans-1,2-Dichloroethene	ND	F2	25.0	27.3	F2	ug/L		109	73 - 127	21	20
trans-1,3-Dichloropropene	ND		25.0	22.8		ug/L		91	72 - 123	13	15
Trichloroethene	ND	F2	25.0	25.6	F2	ug/L		102	74 - 123	19	16
Trichlorofluoromethane	ND		25.0	32.3		ug/L		129	62 - 152	1	20
Vinyl chloride	ND		25.0	29.3		ug/L		117	65 - 133	2	15
Xylenes, Total	ND	F2	50.0	53.4	F2	ug/L		107	76 - 122	21	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*66 - 137*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Toluene-d8 (Surr)	*102*		*71 - 126*
Dibromofluoromethane (Surr)	*94*		*60 - 140*

Lab Sample ID: MB 480-304131/7
Matrix: Water
Analysis Batch: 304131

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/27/16 21:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/27/16 21:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/27/16 21:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/27/16 21:10	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/27/16 21:10	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-304131/7
Matrix: Water
Analysis Batch: 304131

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/27/16 21:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/27/16 21:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/27/16 21:10	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/27/16 21:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/27/16 21:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/27/16 21:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/27/16 21:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/27/16 21:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/27/16 21:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/27/16 21:10	1
2-Hexanone	ND		5.0	1.2	ug/L			05/27/16 21:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/27/16 21:10	1
Acetone	ND		10	3.0	ug/L			05/27/16 21:10	1
Benzene	ND		1.0	0.41	ug/L			05/27/16 21:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/27/16 21:10	1
Bromoform	ND		1.0	0.26	ug/L			05/27/16 21:10	1
Bromomethane	ND		1.0	0.69	ug/L			05/27/16 21:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/27/16 21:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/27/16 21:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/27/16 21:10	1
Chloroethane	ND		1.0	0.32	ug/L			05/27/16 21:10	1
Chloroform	ND		1.0	0.34	ug/L			05/27/16 21:10	1
Chloromethane	ND		1.0	0.35	ug/L			05/27/16 21:10	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/27/16 21:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/27/16 21:10	1
Cyclohexane	ND		1.0	0.18	ug/L			05/27/16 21:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/27/16 21:10	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/27/16 21:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/27/16 21:10	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/27/16 21:10	1
Methyl acetate	ND		2.5	1.3	ug/L			05/27/16 21:10	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/27/16 21:10	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/27/16 21:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/27/16 21:10	1
Styrene	ND		1.0	0.73	ug/L			05/27/16 21:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/27/16 21:10	1
Toluene	ND		1.0	0.51	ug/L			05/27/16 21:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/27/16 21:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/27/16 21:10	1
Trichloroethene	ND		1.0	0.46	ug/L			05/27/16 21:10	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/27/16 21:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/27/16 21:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/27/16 21:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*66 - 137*		*05/27/16 21:10*	*1*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*		*05/27/16 21:10*	*1*
Toluene-d8 (Surr)	*88*		*71 - 126*		*05/27/16 21:10*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-304131/7
Matrix: Water
Analysis Batch: 304131

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	84		60 - 140		05/27/16 21:10	1

Lab Sample ID: LCS 480-304131/5
Matrix: Water
Analysis Batch: 304131

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	22.4		ug/L		90	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.4		ug/L		98	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	16.9		ug/L		68	52 - 148
1,1,2-Trichloroethane	25.0	25.8		ug/L		103	76 - 122
1,1-Dichloroethane	25.0	20.8		ug/L		83	71 - 129
1,1-Dichloroethene	25.0	18.5		ug/L		74	58 - 121
1,2,4-Trichlorobenzene	25.0	22.2		ug/L		89	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	27.1		ug/L		109	56 - 134
1,2-Dibromoethane	25.0	24.0		ug/L		96	77 - 120
1,2-Dichlorobenzene	25.0	23.0		ug/L		92	80 - 124
1,2-Dichloroethane	25.0	23.0		ug/L		92	75 - 127
1,2-Dichloropropane	25.0	21.2		ug/L		85	76 - 120
1,3-Dichlorobenzene	25.0	22.4		ug/L		90	77 - 120
1,4-Dichlorobenzene	25.0	22.7		ug/L		91	75 - 120
2-Butanone (MEK)	125	113		ug/L		90	57 - 140
2-Hexanone	125	129		ug/L		103	65 - 127
4-Methyl-2-pentanone (MIBK)	125	125		ug/L		100	71 - 125
Acetone	125	147		ug/L		118	56 - 142
Benzene	25.0	21.1		ug/L		84	71 - 124
Bromodichloromethane	25.0	24.5		ug/L		98	80 - 122
Bromoform	25.0	24.5		ug/L		98	52 - 132
Bromomethane	25.0	27.0		ug/L		108	55 - 144
Carbon disulfide	25.0	17.7		ug/L		71	59 - 134
Carbon tetrachloride	25.0	22.1		ug/L		88	72 - 134
Chlorobenzene	25.0	23.6		ug/L		94	72 - 120
Chloroethane	25.0	26.7		ug/L		107	69 - 136
Chloroform	25.0	22.5		ug/L		90	73 - 127
Chloromethane	25.0	17.7		ug/L		71	68 - 124
cis-1,2-Dichloroethene	25.0	20.5		ug/L		82	74 - 124
cis-1,3-Dichloropropene	25.0	22.6		ug/L		90	74 - 124
Cyclohexane	25.0	16.6		ug/L		66	59 - 135
Dibromochloromethane	25.0	26.2		ug/L		105	75 - 125
Dichlorodifluoromethane	25.0	20.7		ug/L		83	59 - 135
Ethylbenzene	25.0	24.6		ug/L		98	77 - 123
Isopropylbenzene	25.0	23.0		ug/L		92	77 - 122
Methyl acetate	125	98.7		ug/L		79	74 - 133
Methyl tert-butyl ether	25.0	22.6		ug/L		90	64 - 127
Methylcyclohexane	25.0	18.8		ug/L		75	61 - 138
Methylene Chloride	25.0	22.2		ug/L		89	57 - 132
Styrene	25.0	24.5		ug/L		98	70 - 130

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-304131/5
Matrix: Water
Analysis Batch: 304131

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	25.0	22.4		ug/L		90	74 - 122
Toluene	25.0	22.9		ug/L		92	80 - 122
trans-1,2-Dichloroethene	25.0	19.2		ug/L		77	73 - 127
trans-1,3-Dichloropropene	25.0	26.4		ug/L		106	72 - 123
Trichloroethene	25.0	21.1		ug/L		84	74 - 123
Trichlorofluoromethane	25.0	20.3		ug/L		81	62 - 152
Vinyl chloride	25.0	20.2		ug/L		81	65 - 133
Xylenes, Total	50.0	47.3		ug/L		95	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*66 - 137*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*
Toluene-d8 (Surr)	*94*		*71 - 126*
Dibromofluoromethane (Surr)	*80*		*60 - 140*

Lab Sample ID: MB 480-304145/7
Matrix: Water
Analysis Batch: 304145

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/27/16 20:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/27/16 20:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/27/16 20:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/27/16 20:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/27/16 20:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/27/16 20:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/27/16 20:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/27/16 20:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/27/16 20:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/27/16 20:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/27/16 20:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/27/16 20:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/27/16 20:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/27/16 20:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/27/16 20:57	1
2-Hexanone	ND		5.0	1.2	ug/L			05/27/16 20:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/27/16 20:57	1
Acetone	ND		10	3.0	ug/L			05/27/16 20:57	1
Benzene	ND		1.0	0.41	ug/L			05/27/16 20:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/27/16 20:57	1
Bromoform	ND		1.0	0.26	ug/L			05/27/16 20:57	1
Bromomethane	ND		1.0	0.69	ug/L			05/27/16 20:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/27/16 20:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/27/16 20:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/27/16 20:57	1
Chloroethane	ND		1.0	0.32	ug/L			05/27/16 20:57	1
Chloroform	ND		1.0	0.34	ug/L			05/27/16 20:57	1
Chloromethane	ND		1.0	0.35	ug/L			05/27/16 20:57	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-304145/7
Matrix: Water
Analysis Batch: 304145

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/27/16 20:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/27/16 20:57	1
Cyclohexane	ND		1.0	0.18	ug/L			05/27/16 20:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/27/16 20:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/27/16 20:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/27/16 20:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/27/16 20:57	1
Methyl acetate	ND		2.5	1.3	ug/L			05/27/16 20:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/27/16 20:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/27/16 20:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/27/16 20:57	1
Styrene	ND		1.0	0.73	ug/L			05/27/16 20:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/27/16 20:57	1
Toluene	ND		1.0	0.51	ug/L			05/27/16 20:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/27/16 20:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/27/16 20:57	1
Trichloroethene	ND		1.0	0.46	ug/L			05/27/16 20:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/27/16 20:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/27/16 20:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/27/16 20:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*66 - 137*		*05/27/16 20:57*	*1*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*05/27/16 20:57*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*05/27/16 20:57*	*1*
Dibromofluoromethane (Surr)	*97*		*60 - 140*		*05/27/16 20:57*	*1*

Lab Sample ID: LCS 480-304145/5
Matrix: Water
Analysis Batch: 304145

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	26.8		ug/L		107	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.9		ug/L		92	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.6		ug/L		106	52 - 148
1,1,2-Trichloroethane	25.0	23.4		ug/L		94	76 - 122
1,1-Dichloroethane	25.0	22.9		ug/L		92	71 - 129
1,1-Dichloroethene	25.0	24.0		ug/L		96	58 - 121
1,2,4-Trichlorobenzene	25.0	22.9		ug/L		91	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.4		ug/L		94	56 - 134
1,2-Dibromoethane	25.0	23.9		ug/L		96	77 - 120
1,2-Dichlorobenzene	25.0	24.0		ug/L		96	80 - 124
1,2-Dichloroethane	25.0	20.3		ug/L		81	75 - 127
1,2-Dichloropropane	25.0	20.9		ug/L		84	76 - 120
1,3-Dichlorobenzene	25.0	24.3		ug/L		97	77 - 120
1,4-Dichlorobenzene	25.0	23.8		ug/L		95	75 - 120
2-Butanone (MEK)	125	113		ug/L		90	57 - 140

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-304145/5
Matrix: Water
Analysis Batch: 304145

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Hexanone	125	116		ug/L		93	65 - 127
4-Methyl-2-pentanone (MIBK)	125	110		ug/L		88	71 - 125
Acetone	125	130		ug/L		104	56 - 142
Benzene	25.0	23.5		ug/L		94	71 - 124
Bromodichloromethane	25.0	22.4		ug/L		90	80 - 122
Bromoform	25.0	23.8		ug/L		95	52 - 132
Bromomethane	25.0	23.8		ug/L		95	55 - 144
Carbon disulfide	25.0	23.0		ug/L		92	59 - 134
Carbon tetrachloride	25.0	27.2		ug/L		109	72 - 134
Chlorobenzene	25.0	24.7		ug/L		99	72 - 120
Chloroethane	25.0	25.0		ug/L		100	69 - 136
Chloroform	25.0	22.5		ug/L		90	73 - 127
Chloromethane	25.0	20.5		ug/L		82	68 - 124
cis-1,2-Dichloroethene	25.0	22.7		ug/L		91	74 - 124
cis-1,3-Dichloropropene	25.0	20.3		ug/L		81	74 - 124
Cyclohexane	25.0	24.9		ug/L		99	59 - 135
Dibromochloromethane	25.0	24.7		ug/L		99	75 - 125
Dichlorodifluoromethane	25.0	20.5		ug/L		82	59 - 135
Ethylbenzene	25.0	24.3		ug/L		97	77 - 123
Isopropylbenzene	25.0	24.0		ug/L		96	77 - 122
Methyl acetate	125	110		ug/L		88	74 - 133
Methyl tert-butyl ether	25.0	20.2		ug/L		81	64 - 127
Methylcyclohexane	25.0	26.2		ug/L		105	61 - 138
Methylene Chloride	25.0	22.0		ug/L		88	57 - 132
Styrene	25.0	25.1		ug/L		100	70 - 130
Tetrachloroethene	25.0	27.7		ug/L		111	74 - 122
Toluene	25.0	25.1		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	24.2		ug/L		97	73 - 127
trans-1,3-Dichloropropene	25.0	22.6		ug/L		90	72 - 123
Trichloroethene	25.0	23.6		ug/L		95	74 - 123
Trichlorofluoromethane	25.0	27.3		ug/L		109	62 - 152
Vinyl chloride	25.0	24.2		ug/L		97	65 - 133
Xylenes, Total	50.0	47.9		ug/L		96	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*66 - 137*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Toluene-d8 (Surr)	*101*		*71 - 126*
Dibromofluoromethane (Surr)	*93*		*60 - 140*

Lab Sample ID: 480-100698-4 MS
Matrix: Ground Water
Analysis Batch: 304145

Client Sample ID: BCC Area C MW-C04_0616
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		250	274		ug/L		110	73 - 126
1,1,2,2-Tetrachloroethane	ND		250	240		ug/L		96	70 - 126

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-100698-4 MS
Matrix: Ground Water
Analysis Batch: 304145

Client Sample ID: BCC Area C MW-C04_0616
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	250		ug/L		100	52 - 148
1,1,2-Trichloroethane	ND		250	257		ug/L		103	76 - 122
1,1-Dichloroethane	ND		250	240		ug/L		96	71 - 129
1,1-Dichloroethene	ND		250	247		ug/L		99	58 - 121
1,2,4-Trichlorobenzene	ND		250	229		ug/L		91	70 - 122
1,2-Dibromo-3-Chloropropane	ND		250	241		ug/L		97	56 - 134
1,2-Dibromoethane	ND		250	252		ug/L		101	77 - 120
1,2-Dichlorobenzene	ND		250	249		ug/L		99	80 - 124
1,2-Dichloroethane	ND		250	211		ug/L		84	75 - 127
1,2-Dichloropropane	ND		250	220		ug/L		88	76 - 120
1,3-Dichlorobenzene	24		250	270		ug/L		98	77 - 120
1,4-Dichlorobenzene	38		250	280		ug/L		97	75 - 120
2-Butanone (MEK)	ND		1250	1070		ug/L		86	57 - 140
2-Hexanone	ND		1250	1180		ug/L		94	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		1250	1170		ug/L		94	71 - 125
Acetone	ND		1250	1100		ug/L		88	56 - 142
Benzene	ND		250	246		ug/L		98	71 - 124
Bromodichloromethane	ND		250	228		ug/L		91	80 - 122
Bromoform	ND		250	222		ug/L		89	52 - 132
Bromomethane	ND		250	252		ug/L		101	55 - 144
Carbon disulfide	ND		250	241		ug/L		96	59 - 134
Carbon tetrachloride	ND		250	272		ug/L		109	72 - 134
Chlorobenzene	340		250	561		ug/L		89	72 - 120
Chloroethane	ND		250	267		ug/L		107	69 - 136
Chloroform	ND		250	239		ug/L		96	73 - 127
Chloromethane	ND		250	218		ug/L		87	68 - 124
cis-1,2-Dichloroethene	ND		250	234		ug/L		94	74 - 124
cis-1,3-Dichloropropene	ND		250	190		ug/L		76	74 - 124
Cyclohexane	ND		250	254		ug/L		102	59 - 135
Dibromochloromethane	ND		250	241		ug/L		97	75 - 125
Dichlorodifluoromethane	ND		250	222		ug/L		89	59 - 135
Ethylbenzene	ND		250	259		ug/L		104	77 - 123
Isopropylbenzene	ND		250	242		ug/L		97	77 - 122
Methyl acetate	ND		1250	1170		ug/L		93	74 - 133
Methyl tert-butyl ether	ND		250	205		ug/L		82	64 - 127
Methylcyclohexane	ND		250	261		ug/L		104	61 - 138
Methylene Chloride	ND		250	236		ug/L		94	57 - 132
Styrene	ND		250	256		ug/L		103	70 - 130
Tetrachloroethene	ND		250	295		ug/L		118	74 - 122
Toluene	ND		250	270		ug/L		108	80 - 122
trans-1,2-Dichloroethene	ND		250	256		ug/L		102	73 - 127
trans-1,3-Dichloropropene	ND		250	216		ug/L		86	72 - 123
Trichloroethene	ND		250	244		ug/L		97	74 - 123
Trichlorofluoromethane	ND		250	293		ug/L		117	62 - 152
Vinyl chloride	ND		250	257		ug/L		103	65 - 133
Xylenes, Total	ND		500	509		ug/L		102	76 - 122

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-100698-4 MS
Matrix: Ground Water
Analysis Batch: 304145

Client Sample ID: BCC Area C MW-C04_0616
Prep Type: Total/NA

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*66 - 137*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*
Toluene-d8 (Surr)	*107*		*71 - 126*
Dibromofluoromethane (Surr)	*95*		*60 - 140*

Lab Sample ID: 480-100698-4 MSD
Matrix: Ground Water
Analysis Batch: 304145

Client Sample ID: BCC Area C MW-C04_0616
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		250	268		ug/L		107	73 - 126	2	15
1,1,2,2-Tetrachloroethane	ND		250	230		ug/L		92	70 - 126	4	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	270		ug/L		108	52 - 148	8	20
1,1,2-Trichloroethane	ND		250	241		ug/L		96	76 - 122	7	15
1,1-Dichloroethane	ND		250	230		ug/L		92	71 - 129	4	20
1,1-Dichloroethene	ND		250	244		ug/L		98	58 - 121	1	16
1,2,4-Trichlorobenzene	ND		250	221		ug/L		88	70 - 122	3	20
1,2-Dibromo-3-Chloropropane	ND		250	219		ug/L		87	56 - 134	10	15
1,2-Dibromoethane	ND		250	242		ug/L		97	77 - 120	4	15
1,2-Dichlorobenzene	ND		250	242		ug/L		97	80 - 124	3	20
1,2-Dichloroethane	ND		250	211		ug/L		84	75 - 127	0	20
1,2-Dichloropropane	ND		250	213		ug/L		85	76 - 120	3	20
1,3-Dichlorobenzene	24		250	259		ug/L		94	77 - 120	4	20
1,4-Dichlorobenzene	38		250	272		ug/L		94	75 - 120	3	20
2-Butanone (MEK)	ND		1250	1080		ug/L		87	57 - 140	1	20
2-Hexanone	ND		1250	1150		ug/L		92	65 - 127	3	15
4-Methyl-2-pentanone (MIBK)	ND		1250	1160		ug/L		93	71 - 125	1	35
Acetone	ND		1250	1120		ug/L		90	56 - 142	2	15
Benzene	ND		250	239		ug/L		95	71 - 124	3	13
Bromodichloromethane	ND		250	224		ug/L		90	80 - 122	2	15
Bromoform	ND		250	226		ug/L		90	52 - 132	2	15
Bromomethane	ND		250	234		ug/L		94	55 - 144	7	15
Carbon disulfide	ND		250	233		ug/L		93	59 - 134	3	15
Carbon tetrachloride	ND		250	262		ug/L		105	72 - 134	4	15
Chlorobenzene	340		250	529		ug/L		76	72 - 120	6	25
Chloroethane	ND		250	259		ug/L		103	69 - 136	3	15
Chloroform	ND		250	232		ug/L		93	73 - 127	3	20
Chloromethane	ND		250	207		ug/L		83	68 - 124	5	15
cis-1,2-Dichloroethene	ND		250	231		ug/L		93	74 - 124	1	15
cis-1,3-Dichloropropene	ND		250	192		ug/L		77	74 - 124	1	15
Cyclohexane	ND		250	236		ug/L		95	59 - 135	7	20
Dibromochloromethane	ND		250	241		ug/L		96	75 - 125	0	15
Dichlorodifluoromethane	ND		250	213		ug/L		85	59 - 135	4	20
Ethylbenzene	ND		250	246		ug/L		98	77 - 123	5	15
Isopropylbenzene	ND		250	234		ug/L		93	77 - 122	4	20
Methyl acetate	ND		1250	1150		ug/L		92	74 - 133	2	20
Methyl tert-butyl ether	ND		250	208		ug/L		83	64 - 127	1	37

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-100698-4 MSD
Matrix: Ground Water
Analysis Batch: 304145

Client Sample ID: BCC Area C MW-C04_0616
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methylcyclohexane	ND		250	255		ug/L		102	61 - 138	2	20
Methylene Chloride	ND		250	232		ug/L		93	57 - 132	2	15
Styrene	ND		250	244		ug/L		98	70 - 130	5	20
Tetrachloroethene	ND		250	271		ug/L		108	74 - 122	8	20
Toluene	ND		250	256		ug/L		102	80 - 122	5	15
trans-1,2-Dichloroethene	ND		250	249		ug/L		99	73 - 127	3	20
trans-1,3-Dichloropropene	ND		250	215		ug/L		86	72 - 123	0	15
Trichloroethene	ND		250	231		ug/L		92	74 - 123	5	16
Trichlorofluoromethane	ND		250	272		ug/L		109	62 - 152	7	20
Vinyl chloride	ND		250	240		ug/L		96	65 - 133	7	15
Xylenes, Total	ND		500	483		ug/L		97	76 - 122	5	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*66 - 137*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*
Toluene-d8 (Surr)	*104*		*71 - 126*
Dibromofluoromethane (Surr)	*97*		*60 - 140*

Lab Sample ID: MB 480-304169/7
Matrix: Water
Analysis Batch: 304169

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/28/16 10:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/28/16 10:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/28/16 10:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/28/16 10:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/28/16 10:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/28/16 10:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/28/16 10:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/28/16 10:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/28/16 10:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/28/16 10:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/28/16 10:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/28/16 10:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/28/16 10:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/28/16 10:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/28/16 10:59	1
2-Hexanone	ND		5.0	1.2	ug/L			05/28/16 10:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/28/16 10:59	1
Acetone	ND		10	3.0	ug/L			05/28/16 10:59	1
Benzene	ND		1.0	0.41	ug/L			05/28/16 10:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/28/16 10:59	1
Bromoform	ND		1.0	0.26	ug/L			05/28/16 10:59	1
Bromomethane	ND		1.0	0.69	ug/L			05/28/16 10:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/28/16 10:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/28/16 10:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/28/16 10:59	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-304169/7
Matrix: Water
Analysis Batch: 304169

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		1.0	0.32	ug/L			05/28/16 10:59	1
Chloroform	ND		1.0	0.34	ug/L			05/28/16 10:59	1
Chloromethane	ND		1.0	0.35	ug/L			05/28/16 10:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/28/16 10:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/28/16 10:59	1
Cyclohexane	ND		1.0	0.18	ug/L			05/28/16 10:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/28/16 10:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/28/16 10:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/28/16 10:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/28/16 10:59	1
Methyl acetate	ND		2.5	1.3	ug/L			05/28/16 10:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/28/16 10:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/28/16 10:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/28/16 10:59	1
Styrene	ND		1.0	0.73	ug/L			05/28/16 10:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/28/16 10:59	1
Toluene	ND		1.0	0.51	ug/L			05/28/16 10:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/28/16 10:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/28/16 10:59	1
Trichloroethene	ND		1.0	0.46	ug/L			05/28/16 10:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/28/16 10:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/28/16 10:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/28/16 10:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*		*05/28/16 10:59*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*05/28/16 10:59*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*		*05/28/16 10:59*	*1*
Dibromofluoromethane (Surr)	*99*		*60 - 140*		*05/28/16 10:59*	*1*

Lab Sample ID: LCS 480-304169/5
Matrix: Water
Analysis Batch: 304169

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.2		ug/L		97	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.2		ug/L		93	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.8		ug/L		99	52 - 148
1,1,2-Trichloroethane	25.0	24.0		ug/L		96	76 - 122
1,1-Dichloroethane	25.0	23.5		ug/L		94	71 - 129
1,1-Dichloroethene	25.0	24.9		ug/L		99	58 - 121
1,2,4-Trichlorobenzene	25.0	27.7		ug/L		111	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	21.5		ug/L		86	56 - 134
1,2-Dibromoethane	25.0	24.7		ug/L		99	77 - 120
1,2-Dichlorobenzene	25.0	24.1		ug/L		96	80 - 124
1,2-Dichloroethane	25.0	23.2		ug/L		93	75 - 127
1,2-Dichloropropane	25.0	24.6		ug/L		98	76 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-304169/5
Matrix: Water
Analysis Batch: 304169

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	25.0	24.2		ug/L		97	77 - 120
1,4-Dichlorobenzene	25.0	24.1		ug/L		96	75 - 120
2-Butanone (MEK)	125	130		ug/L		104	57 - 140
2-Hexanone	125	139		ug/L		111	65 - 127
4-Methyl-2-pentanone (MIBK)	125	130		ug/L		104	71 - 125
Acetone	125	135		ug/L		108	56 - 142
Benzene	25.0	24.1		ug/L		96	71 - 124
Bromodichloromethane	25.0	24.5		ug/L		98	80 - 122
Bromoform	25.0	25.2		ug/L		101	52 - 132
Bromomethane	25.0	23.9		ug/L		96	55 - 144
Carbon disulfide	25.0	23.6		ug/L		94	59 - 134
Carbon tetrachloride	25.0	24.4		ug/L		97	72 - 134
Chlorobenzene	25.0	23.9		ug/L		96	72 - 120
Chloroethane	25.0	23.7		ug/L		95	69 - 136
Chloroform	25.0	23.2		ug/L		93	73 - 127
Chloromethane	25.0	21.3		ug/L		85	68 - 124
cis-1,2-Dichloroethene	25.0	24.6		ug/L		98	74 - 124
cis-1,3-Dichloropropene	25.0	26.3		ug/L		105	74 - 124
Cyclohexane	25.0	26.4		ug/L		106	59 - 135
Dibromochloromethane	25.0	24.5		ug/L		98	75 - 125
Dichlorodifluoromethane	25.0	23.4		ug/L		94	59 - 135
Ethylbenzene	25.0	25.6		ug/L		102	77 - 123
Isopropylbenzene	25.0	27.0		ug/L		108	77 - 122
Methyl acetate	125	121		ug/L		97	74 - 133
Methyl tert-butyl ether	25.0	26.0		ug/L		104	64 - 127
Methylcyclohexane	25.0	27.8		ug/L		111	61 - 138
Methylene Chloride	25.0	25.7		ug/L		103	57 - 132
Styrene	25.0	27.8		ug/L		111	70 - 130
Tetrachloroethene	25.0	24.1		ug/L		96	74 - 122
Toluene	25.0	24.9		ug/L		99	80 - 122
trans-1,2-Dichloroethene	25.0	24.5		ug/L		98	73 - 127
trans-1,3-Dichloropropene	25.0	25.8		ug/L		103	72 - 123
Trichloroethene	25.0	24.3		ug/L		97	74 - 123
Trichlorofluoromethane	25.0	24.6		ug/L		99	62 - 152
Vinyl chloride	25.0	22.7		ug/L		91	65 - 133
Xylenes, Total	50.0	53.6		ug/L		107	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*
Toluene-d8 (Surr)	*100*		*71 - 126*
Dibromofluoromethane (Surr)	*98*		*60 - 140*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-303858/1-A
Matrix: Water
Analysis Batch: 304198

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 303858

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		05/26/16 14:30	05/28/16 15:57	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		05/26/16 14:30	05/28/16 15:57	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		05/26/16 14:30	05/28/16 15:57	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		05/26/16 14:30	05/28/16 15:57	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		05/26/16 14:30	05/28/16 15:57	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		05/26/16 14:30	05/28/16 15:57	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		05/26/16 14:30	05/28/16 15:57	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		05/26/16 14:30	05/28/16 15:57	1
2-Chlorophenol	ND		5.0	0.53	ug/L		05/26/16 14:30	05/28/16 15:57	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		05/26/16 14:30	05/28/16 15:57	1
2-Methylphenol	ND		5.0	0.40	ug/L		05/26/16 14:30	05/28/16 15:57	1
2-Nitroaniline	ND		10	0.42	ug/L		05/26/16 14:30	05/28/16 15:57	1
2-Nitrophenol	ND		5.0	0.48	ug/L		05/26/16 14:30	05/28/16 15:57	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		05/26/16 14:30	05/28/16 15:57	1
3-Nitroaniline	ND		10	0.48	ug/L		05/26/16 14:30	05/28/16 15:57	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		05/26/16 14:30	05/28/16 15:57	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		05/26/16 14:30	05/28/16 15:57	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		05/26/16 14:30	05/28/16 15:57	1
4-Chloroaniline	ND		5.0	0.59	ug/L		05/26/16 14:30	05/28/16 15:57	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		05/26/16 14:30	05/28/16 15:57	1
4-Methylphenol	ND		10	0.36	ug/L		05/26/16 14:30	05/28/16 15:57	1
4-Nitroaniline	ND		10	0.25	ug/L		05/26/16 14:30	05/28/16 15:57	1
4-Nitrophenol	ND		10	1.5	ug/L		05/26/16 14:30	05/28/16 15:57	1
Acenaphthene	ND		5.0	0.41	ug/L		05/26/16 14:30	05/28/16 15:57	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/26/16 14:30	05/28/16 15:57	1
Acetophenone	ND		5.0	0.54	ug/L		05/26/16 14:30	05/28/16 15:57	1
Aniline	ND		10	0.61	ug/L		05/26/16 14:30	05/28/16 15:57	1
Anthracene	ND		5.0	0.28	ug/L		05/26/16 14:30	05/28/16 15:57	1
Atrazine	ND		5.0	0.46	ug/L		05/26/16 14:30	05/28/16 15:57	1
Benzaldehyde	ND		5.0	0.27	ug/L		05/26/16 14:30	05/28/16 15:57	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		05/26/16 14:30	05/28/16 15:57	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		05/26/16 14:30	05/28/16 15:57	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		05/26/16 14:30	05/28/16 15:57	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		05/26/16 14:30	05/28/16 15:57	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		05/26/16 14:30	05/28/16 15:57	1
Biphenyl	ND		5.0	0.65	ug/L		05/26/16 14:30	05/28/16 15:57	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		05/26/16 14:30	05/28/16 15:57	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		05/26/16 14:30	05/28/16 15:57	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		05/26/16 14:30	05/28/16 15:57	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		05/26/16 14:30	05/28/16 15:57	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		05/26/16 14:30	05/28/16 15:57	1
Caprolactam	ND		5.0	2.2	ug/L		05/26/16 14:30	05/28/16 15:57	1
Carbazole	ND		5.0	0.30	ug/L		05/26/16 14:30	05/28/16 15:57	1
Chrysene	ND		5.0	0.33	ug/L		05/26/16 14:30	05/28/16 15:57	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/26/16 14:30	05/28/16 15:57	1
Dibenzofuran	ND		10	0.51	ug/L		05/26/16 14:30	05/28/16 15:57	1
Diethyl phthalate	ND		5.0	0.22	ug/L		05/26/16 14:30	05/28/16 15:57	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		05/26/16 14:30	05/28/16 15:57	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-303858/1-A
Matrix: Water
Analysis Batch: 304198

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 303858

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		05/26/16 14:30	05/28/16 15:57	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		05/26/16 14:30	05/28/16 15:57	1
Fluoranthene	ND		5.0	0.40	ug/L		05/26/16 14:30	05/28/16 15:57	1
Fluorene	ND		5.0	0.36	ug/L		05/26/16 14:30	05/28/16 15:57	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		05/26/16 14:30	05/28/16 15:57	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		05/26/16 14:30	05/28/16 15:57	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		05/26/16 14:30	05/28/16 15:57	1
Hexachloroethane	ND		5.0	0.59	ug/L		05/26/16 14:30	05/28/16 15:57	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		05/26/16 14:30	05/28/16 15:57	1
Isophorone	ND		5.0	0.43	ug/L		05/26/16 14:30	05/28/16 15:57	1
Naphthalene	ND		5.0	0.76	ug/L		05/26/16 14:30	05/28/16 15:57	1
Nitrobenzene	ND		5.0	0.29	ug/L		05/26/16 14:30	05/28/16 15:57	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		05/26/16 14:30	05/28/16 15:57	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		05/26/16 14:30	05/28/16 15:57	1
Pentachlorophenol	ND		10	2.2	ug/L		05/26/16 14:30	05/28/16 15:57	1
Phenanthrene	ND		5.0	0.44	ug/L		05/26/16 14:30	05/28/16 15:57	1
Phenol	ND		5.0	0.39	ug/L		05/26/16 14:30	05/28/16 15:57	1
Pyrene	ND		5.0	0.34	ug/L		05/26/16 14:30	05/28/16 15:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*60*		*52 - 132*	*05/26/16 14:30*	*05/28/16 15:57*	*1*
2-Fluorobiphenyl	*68*		*48 - 120*	*05/26/16 14:30*	*05/28/16 15:57*	*1*
2-Fluorophenol	*56*		*20 - 120*	*05/26/16 14:30*	*05/28/16 15:57*	*1*
Nitrobenzene-d5	*74*		*46 - 120*	*05/26/16 14:30*	*05/28/16 15:57*	*1*
Phenol-d5	*39*		*16 - 120*	*05/26/16 14:30*	*05/28/16 15:57*	*1*
p-Terphenyl-d14	*94*		*67 - 150*	*05/26/16 14:30*	*05/28/16 15:57*	*1*

Lab Sample ID: LCS 480-303858/2-A
Matrix: Water
Analysis Batch: 304198

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 303858

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	16.0	12.3		ug/L		77	65 - 126
2,4,6-Trichlorophenol	16.0	12.9		ug/L		81	64 - 120
2,4-Dichlorophenol	16.0	12.7		ug/L		80	64 - 120
2,4-Dimethylphenol	16.0	11.9		ug/L		74	57 - 120
2,4-Dinitrophenol	32.0	14.8		ug/L		46	42 - 153
2,4-Dinitrotoluene	16.0	12.0		ug/L		75	65 - 154
2,6-Dinitrotoluene	16.0	13.2		ug/L		83	74 - 134
2-Chloronaphthalene	16.0	11.6		ug/L		72	41 - 124
2-Chlorophenol	16.0	12.5		ug/L		78	48 - 120
2-Methylnaphthalene	16.0	12.1		ug/L		76	34 - 122
2-Methylphenol	16.0	11.7		ug/L		73	39 - 120
2-Nitroaniline	16.0	13.2		ug/L		82	67 - 136
2-Nitrophenol	16.0	12.7		ug/L		80	59 - 120
3,3'-Dichlorobenzidine	32.0	30.8		ug/L		96	33 - 140
3-Nitroaniline	16.0	13.8		ug/L		86	28 - 130
4,6-Dinitro-2-methylphenol	32.0	23.3		ug/L		73	64 - 159

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-303858/2-A
Matrix: Water
Analysis Batch: 304198

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 303858

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Bromophenyl phenyl ether	16.0	13.0		ug/L		81	71 - 126
4-Chloro-3-methylphenol	16.0	12.9		ug/L		81	64 - 120
4-Chloroaniline	16.0	11.9		ug/L		74	10 - 130
4-Chlorophenyl phenyl ether	16.0	11.9		ug/L		74	71 - 122
4-Methylphenol	16.0	11.8		ug/L		74	39 - 120
4-Nitroaniline	16.0	15.3		ug/L		96	47 - 130
4-Nitrophenol	32.0	19.3		ug/L		60	16 - 120
Acenaphthene	16.0	12.0		ug/L		75	60 - 120
Acenaphthylene	16.0	12.2		ug/L		76	63 - 120
Acetophenone	16.0	12.4		ug/L		78	45 - 120
Aniline	16.0	7.35	J	ug/L		46	37 - 120
Anthracene	16.0	12.4		ug/L		77	58 - 148
Atrazine	32.0	31.4		ug/L		98	56 - 179
Benzaldehyde	32.0	21.4		ug/L		67	30 - 140
Benzo(a)anthracene	16.0	14.6		ug/L		91	55 - 151
Benzo(a)pyrene	16.0	13.2		ug/L		83	60 - 145
Benzo(b)fluoranthene	16.0	13.5		ug/L		85	54 - 140
Benzo(g,h,i)perylene	16.0	14.0		ug/L		87	66 - 152
Benzo(k)fluoranthene	16.0	14.7		ug/L		92	51 - 153
Biphenyl	16.0	11.9		ug/L		74	30 - 140
bis (2-chloroisopropyl) ether	16.0	12.5		ug/L		78	28 - 136
Bis(2-chloroethoxy)methane	16.0	12.6		ug/L		78	50 - 128
Bis(2-chloroethyl)ether	16.0	12.9		ug/L		80	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	14.2		ug/L		89	53 - 158
Butyl benzyl phthalate	16.0	13.5		ug/L		85	58 - 163
Caprolactam	32.0	12.2		ug/L		38	14 - 130
Carbazole	16.0	14.2		ug/L		89	59 - 148
Chrysene	16.0	14.1		ug/L		88	69 - 140
Dibenz(a,h)anthracene	16.0	15.5		ug/L		97	57 - 148
Dibenzofuran	16.0	12.5		ug/L		78	49 - 137
Diethyl phthalate	16.0	13.0		ug/L		82	59 - 146
Dimethyl phthalate	16.0	12.8		ug/L		80	59 - 141
Di-n-butyl phthalate	16.0	13.5		ug/L		84	58 - 149
Di-n-octyl phthalate	16.0	15.3		ug/L		96	55 - 167
Fluoranthene	16.0	14.2		ug/L		89	55 - 147
Fluorene	16.0	12.5		ug/L		78	55 - 143
Hexachlorobenzene	16.0	12.8		ug/L		80	14 - 130
Hexachlorobutadiene	16.0	10.2		ug/L		64	14 - 130
Hexachlorocyclopentadiene	16.0	8.08		ug/L		51	13 - 130
Hexachloroethane	16.0	10.4		ug/L		65	14 - 130
Indeno(1,2,3-cd)pyrene	16.0	14.0		ug/L		87	69 - 146
Isophorone	16.0	13.1		ug/L		82	48 - 133
Naphthalene	16.0	12.0		ug/L		75	35 - 130
Nitrobenzene	16.0	13.0		ug/L		81	45 - 123
N-Nitrosodi-n-propylamine	16.0	12.6		ug/L		79	56 - 120
N-Nitrosodiphenylamine	16.0	12.0		ug/L		75	25 - 125
Pentachlorophenol	32.0	12.9		ug/L		40	39 - 136
Phenanthrene	16.0	12.9		ug/L		81	57 - 147

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-303858/2-A
Matrix: Water
Analysis Batch: 304198

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 303858

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	16.0	8.43		ug/L		53	17 - 120
Pyrene	16.0	13.8		ug/L		86	58 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*78*		*52 - 132*
2-Fluorobiphenyl	*76*		*48 - 120*
2-Fluorophenol	*67*		*20 - 120*
Nitrobenzene-d5	*82*		*46 - 120*
Phenol-d5	*49*		*16 - 120*
p-Terphenyl-d14	*96*		*67 - 150*

Lab Sample ID: 480-100698-1 MS
Matrix: Ground Water
Analysis Batch: 304198

Client Sample ID: BCC Area C MW-C01 MS_0616
Prep Type: Total/NA
Prep Batch: 303858

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		15.1	13.6		ug/L		90	65 - 126
2,4,6-Trichlorophenol	ND		15.1	14.4		ug/L		96	64 - 120
2,4-Dichlorophenol	ND		15.1	13.9		ug/L		92	64 - 120
2,4-Dimethylphenol	ND		15.1	12.4		ug/L		82	57 - 120
2,4-Dinitrophenol	ND		30.1	23.5		ug/L		78	42 - 153
2,4-Dinitrotoluene	ND		15.1	13.5		ug/L		90	62 - 148
2,6-Dinitrotoluene	ND		15.1	14.7		ug/L		98	65 - 154
2-Chloronaphthalene	ND		15.1	12.4		ug/L		83	41 - 124
2-Chlorophenol	ND		15.1	12.3		ug/L		82	48 - 120
2-Methylnaphthalene	ND		15.1	12.8		ug/L		85	34 - 122
2-Methylphenol	ND		15.1	11.4		ug/L		76	39 - 120
2-Nitroaniline	ND		15.1	14.0		ug/L		93	67 - 136
2-Nitrophenol	ND		15.1	13.6		ug/L		90	59 - 120
3,3'-Dichlorobenzidine	ND		30.1	31.3		ug/L		104	33 - 140
3-Nitroaniline	ND		15.1	12.5		ug/L		83	69 - 129
4,6-Dinitro-2-methylphenol	ND		30.1	26.0		ug/L		86	64 - 159
4-Bromophenyl phenyl ether	ND		15.1	14.1		ug/L		94	71 - 126
4-Chloro-3-methylphenol	ND		15.1	13.7		ug/L		91	64 - 120
4-Chloroaniline	ND		15.1	11.2		ug/L		74	60 - 124
4-Chlorophenyl phenyl ether	ND		15.1	13.3		ug/L		89	48 - 145
4-Methylphenol	ND		15.1	11.5		ug/L		77	36 - 120
4-Nitroaniline	ND		15.1	12.4		ug/L		83	64 - 135
4-Nitrophenol	ND		30.1	19.9		ug/L		66	16 - 120
Acenaphthene	ND		15.1	13.1		ug/L		87	60 - 120
Acenaphthylene	ND		15.1	13.5		ug/L		89	63 - 120
Acetophenone	ND		15.1	12.8		ug/L		85	45 - 120
Aniline	0.67	J	15.1	9.90		ug/L		61	37 - 120
Anthracene	ND		15.1	13.8		ug/L		91	58 - 148
Atrazine	ND		30.1	33.9		ug/L		113	56 - 179
Benzaldehyde	ND		30.1	21.1		ug/L		70	30 - 140
Benzo(a)anthracene	ND		15.1	13.7		ug/L		91	55 - 151
Benzo(a)pyrene	ND		15.1	10.2		ug/L		68	60 - 145

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-100698-1 MS
Matrix: Ground Water
Analysis Batch: 304198

Client Sample ID: BCC Area C MW-C01 MS_0616
Prep Type: Total/NA
Prep Batch: 303858

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo(b)fluoranthene	ND		15.1	11.0		ug/L		73	54 - 140
Benzo(g,h,i)perylene	ND	F1	15.1	9.77	F1	ug/L		65	66 - 152
Benzo(k)fluoranthene	ND		15.1	10.5		ug/L		70	51 - 153
Biphenyl	ND		15.1	12.8		ug/L		85	30 - 140
bis (2-chloroisopropyl) ether	ND		15.1	12.6		ug/L		84	28 - 136
Bis(2-chloroethoxy)methane	ND		15.1	13.4		ug/L		89	50 - 128
Bis(2-chloroethyl)ether	ND		15.1	13.0		ug/L		86	51 - 120
Bis(2-ethylhexyl) phthalate	ND		15.1	10.7		ug/L		71	53 - 158
Butyl benzyl phthalate	ND		15.1	14.0		ug/L		93	58 - 163
Caprolactam	ND		30.1	10.2		ug/L		34	30 - 140
Carbazole	ND		15.1	15.6		ug/L		104	59 - 148
Chrysene	ND		15.1	12.3		ug/L		81	69 - 140
Dibenz(a,h)anthracene	ND		15.1	10.3		ug/L		69	57 - 158
Dibenzofuran	ND		15.1	13.7		ug/L		91	49 - 137
Diethyl phthalate	ND		15.1	14.4		ug/L		96	59 - 146
Dimethyl phthalate	ND		15.1	14.2		ug/L		95	59 - 141
Di-n-butyl phthalate	ND		15.1	14.6		ug/L		97	58 - 149
Di-n-octyl phthalate	ND		15.1	11.3		ug/L		75	55 - 167
Fluoranthene	ND		15.1	15.3		ug/L		102	55 - 147
Fluorene	ND		15.1	13.8		ug/L		92	55 - 143
Hexachlorobenzene	ND		15.1	13.5		ug/L		90	38 - 131
Hexachlorobutadiene	ND		15.1	10.5		ug/L		70	14 - 130
Hexachlorocyclopentadiene	ND		15.1	8.93		ug/L		59	13 - 130
Hexachloroethane	ND		15.1	10.4		ug/L		69	14 - 130
Indeno(1,2,3-cd)pyrene	ND	F1	15.1	9.68	F1	ug/L		64	69 - 146
Isophorone	ND		15.1	14.0		ug/L		93	48 - 133
Naphthalene	ND		15.1	12.4		ug/L		82	35 - 130
Nitrobenzene	ND		15.1	13.2		ug/L		88	45 - 123
N-Nitrosodi-n-propylamine	ND		15.1	13.3		ug/L		88	56 - 120
N-Nitrosodiphenylamine	ND		15.1	13.4		ug/L		89	25 - 125
Pentachlorophenol	ND		30.1	15.8		ug/L		52	39 - 136
Phenanthrene	ND		15.1	14.5		ug/L		97	57 - 147
Phenol	ND		15.1	7.61		ug/L		51	17 - 120
Pyrene	ND		15.1	15.0		ug/L		100	58 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*93*		*52 - 132*
2-Fluorobiphenyl	*87*		*48 - 120*
2-Fluorophenol	*64*		*20 - 120*
Nitrobenzene-d5	*90*		*46 - 120*
Phenol-d5	*46*		*16 - 120*
p-Terphenyl-d14	*87*		*67 - 150*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-100698-1 MSD
Matrix: Ground Water
Analysis Batch: 304198

Client Sample ID: BCC Area C MW-C01 MSD_0616
Prep Type: Total/NA
Prep Batch: 303858

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		15.2	12.9		ug/L		85	65 - 126	5	18
2,4,6-Trichlorophenol	ND		15.2	13.6		ug/L		90	64 - 120	6	19
2,4-Dichlorophenol	ND		15.2	12.8		ug/L		85	64 - 120	8	19
2,4-Dimethylphenol	ND		15.2	12.2		ug/L		80	57 - 120	2	42
2,4-Dinitrophenol	ND		30.3	22.9		ug/L		76	42 - 153	3	22
2,4-Dinitrotoluene	ND		15.2	12.8		ug/L		84	62 - 148	6	20
2,6-Dinitrotoluene	ND		15.2	13.8		ug/L		91	65 - 154	6	15
2-Chloronaphthalene	ND		15.2	11.6		ug/L		76	41 - 124	7	21
2-Chlorophenol	ND		15.2	11.9		ug/L		78	48 - 120	3	25
2-Methylnaphthalene	ND		15.2	11.9		ug/L		78	34 - 122	8	21
2-Methylphenol	ND		15.2	10.7		ug/L		71	39 - 120	6	27
2-Nitroaniline	ND		15.2	13.4		ug/L		89	67 - 136	4	15
2-Nitrophenol	ND		15.2	12.8		ug/L		84	59 - 120	6	18
3,3'-Dichlorobenzidine	ND		30.3	29.5		ug/L		97	33 - 140	6	25
3-Nitroaniline	ND		15.2	12.4		ug/L		82	69 - 129	1	19
4,6-Dinitro-2-methylphenol	ND		30.3	24.4		ug/L		81	64 - 159	6	15
4-Bromophenyl phenyl ether	ND		15.2	13.5		ug/L		89	71 - 126	5	15
4-Chloro-3-methylphenol	ND		15.2	12.9		ug/L		85	64 - 120	6	27
4-Chloroaniline	ND		15.2	11.0		ug/L		73	60 - 124	2	22
4-Chlorophenyl phenyl ether	ND		15.2	12.5		ug/L		82	48 - 145	7	16
4-Methylphenol	ND		15.2	11.3		ug/L		74	36 - 120	2	24
4-Nitroaniline	ND		15.2	14.5		ug/L		95	64 - 135	15	24
4-Nitrophenol	ND		30.3	20.5		ug/L		68	16 - 120	3	48
Acenaphthene	ND		15.2	12.2		ug/L		81	60 - 120	7	24
Acenaphthylene	ND		15.2	12.8		ug/L		84	63 - 120	5	18
Acetophenone	ND		15.2	12.2		ug/L		80	45 - 120	5	20
Aniline	0.67	J	15.2	9.90		ug/L		61	37 - 120	0	30
Anthracene	ND		15.2	13.2		ug/L		87	58 - 148	4	15
Atrazine	ND		30.3	32.7		ug/L		108	56 - 179	4	20
Benzaldehyde	ND		30.3	20.1		ug/L		66	30 - 140	5	20
Benzo(a)anthracene	ND		15.2	13.0		ug/L		85	55 - 151	6	15
Benzo(a)pyrene	ND		15.2	9.83		ug/L		65	60 - 145	4	15
Benzo(b)fluoranthene	ND		15.2	10.5		ug/L		70	54 - 140	4	15
Benzo(g,h,i)perylene	ND	F1	15.2	9.35	F1	ug/L		62	66 - 152	4	15
Benzo(k)fluoranthene	ND		15.2	9.97		ug/L		66	51 - 153	5	22
Biphenyl	ND		15.2	12.1		ug/L		80	30 - 140	6	20
bis (2-chloroisopropyl) ether	ND		15.2	12.3		ug/L		81	28 - 136	3	24
Bis(2-chloroethoxy)methane	ND		15.2	12.4		ug/L		82	50 - 128	8	17
Bis(2-chloroethyl)ether	ND		15.2	12.3		ug/L		81	51 - 120	6	21
Bis(2-ethylhexyl) phthalate	ND		15.2	9.99		ug/L		66	53 - 158	7	15
Butyl benzyl phthalate	ND		15.2	13.4		ug/L		88	58 - 163	4	16
Caprolactam	ND		30.3	11.0		ug/L		36	30 - 140	7	20
Carbazole	ND		15.2	15.3		ug/L		101	59 - 148	2	20
Chrysene	ND		15.2	12.1		ug/L		80	69 - 140	2	15
Dibenz(a,h)anthracene	ND		15.2	9.89		ug/L		65	57 - 158	4	15
Dibenzofuran	ND		15.2	13.1		ug/L		87	49 - 137	4	15
Diethyl phthalate	ND		15.2	13.7		ug/L		90	59 - 146	5	15
Dimethyl phthalate	ND		15.2	13.6		ug/L		89	59 - 141	5	15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-100698-1 MSD — **Client Sample ID: BCC Area C MW-C01 MSD_0616**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 304198 — **Prep Batch: 303858**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Di-n-butyl phthalate	ND		15.2	14.1		ug/L		93	58 - 149	3	15
Di-n-octyl phthalate	ND		15.2	10.5		ug/L		69	55 - 167	7	16
Fluoranthene	ND		15.2	15.0		ug/L		99	55 - 147	2	15
Fluorene	ND		15.2	13.2		ug/L		87	55 - 143	5	15
Hexachlorobenzene	ND		15.2	13.2		ug/L		87	38 - 131	2	15
Hexachlorobutadiene	ND		15.2	9.86		ug/L		65	14 - 130	6	44
Hexachlorocyclopentadiene	ND		15.2	8.55		ug/L		56	13 - 130	4	49
Hexachloroethane	ND		15.2	9.97		ug/L		66	14 - 130	4	46
Indeno(1,2,3-cd)pyrene	ND	F1	15.2	9.21	F1	ug/L		61	69 - 146	5	15
Isophorone	ND		15.2	13.0		ug/L		86	48 - 133	7	17
Naphthalene	ND		15.2	11.5		ug/L		76	35 - 130	7	29
Nitrobenzene	ND		15.2	12.5		ug/L		82	45 - 123	5	24
N-Nitrosodi-n-propylamine	ND		15.2	12.7		ug/L		84	56 - 120	5	31
N-Nitrosodiphenylamine	ND		15.2	12.8		ug/L		85	25 - 125	4	15
Pentachlorophenol	ND		30.3	16.4		ug/L		54	39 - 136	4	37
Phenanthrene	ND		15.2	13.6		ug/L		90	57 - 147	7	15
Phenol	ND		15.2	7.42		ug/L		49	17 - 120	3	34
Pyrene	ND		15.2	14.5		ug/L		96	58 - 136	4	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*89*		*52 - 132*
2-Fluorobiphenyl	*80*		*48 - 120*
2-Fluorophenol	*63*		*20 - 120*
Nitrobenzene-d5	*83*		*46 - 120*
Phenol-d5	*45*		*16 - 120*
p-Terphenyl-d14	*84*		*67 - 150*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-303890/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 304166 — **Prep Batch: 303890**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		05/27/16 07:35	05/28/16 02:14	1
Antimony	ND		0.020	0.0068	mg/L		05/27/16 07:35	05/28/16 02:14	1
Arsenic	ND		0.015	0.0056	mg/L		05/27/16 07:35	05/28/16 02:14	1
Barium	ND		0.0020	0.00070	mg/L		05/27/16 07:35	05/28/16 02:14	1
Beryllium	ND		0.0020	0.00030	mg/L		05/27/16 07:35	05/28/16 02:14	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/16 07:35	05/28/16 02:14	1
Calcium	ND		0.50	0.10	mg/L		05/27/16 07:35	05/28/16 02:14	1
Chromium	ND		0.0040	0.0010	mg/L		05/27/16 07:35	05/28/16 02:14	1
Cobalt	ND		0.0040	0.00063	mg/L		05/27/16 07:35	05/28/16 02:14	1
Copper	ND		0.010	0.0016	mg/L		05/27/16 07:35	05/28/16 02:14	1
Iron	ND		0.050	0.019	mg/L		05/27/16 07:35	05/28/16 02:14	1
Lead	ND		0.010	0.0030	mg/L		05/27/16 07:35	05/28/16 02:14	1
Magnesium	ND		0.20	0.043	mg/L		05/27/16 07:35	05/28/16 02:14	1
Manganese	ND		0.0030	0.00040	mg/L		05/27/16 07:35	05/28/16 02:14	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 480-303890/1-A
Matrix: Water
Analysis Batch: 304166

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 303890

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		0.010	0.0013	mg/L		05/27/16 07:35	05/28/16 02:14	1
Potassium	ND		0.50	0.10	mg/L		05/27/16 07:35	05/28/16 02:14	1
Selenium	ND		0.025	0.0087	mg/L		05/27/16 07:35	05/28/16 02:14	1
Silver	ND		0.0060	0.0017	mg/L		05/27/16 07:35	05/28/16 02:14	1
Sodium	ND		1.0	0.32	mg/L		05/27/16 07:35	05/28/16 02:14	1
Thallium	ND		0.020	0.010	mg/L		05/27/16 07:35	05/28/16 02:14	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/16 07:35	05/28/16 02:14	1
Zinc	0.00164	J	0.010	0.0015	mg/L		05/27/16 07:35	05/28/16 02:14	1

Lab Sample ID: LCS 480-303890/2-A
Matrix: Water
Analysis Batch: 304166

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 303890

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	9.25		mg/L		93	80 - 120
Antimony	0.200	0.194		mg/L		97	80 - 120
Arsenic	0.200	0.196		mg/L		98	80 - 120
Barium	0.200	0.197		mg/L		99	80 - 120
Beryllium	0.200	0.191		mg/L		95	80 - 120
Cadmium	0.200	0.193		mg/L		96	80 - 120
Calcium	10.0	9.32		mg/L		93	80 - 120
Chromium	0.200	0.195		mg/L		98	80 - 120
Cobalt	0.200	0.189		mg/L		95	80 - 120
Copper	0.200	0.195		mg/L		97	80 - 120
Iron	10.0	9.21		mg/L		92	80 - 120
Lead	0.200	0.193		mg/L		97	80 - 120
Magnesium	10.0	10.15		mg/L		101	80 - 120
Manganese	0.200	0.195		mg/L		97	80 - 120
Nickel	0.200	0.189		mg/L		94	80 - 120
Potassium	10.0	10.10		mg/L		101	80 - 120
Selenium	0.200	0.195		mg/L		98	80 - 120
Silver	0.0500	0.0482		mg/L		96	80 - 120
Sodium	10.0	9.78		mg/L		98	80 - 120
Thallium	0.200	0.194		mg/L		97	80 - 120
Vanadium	0.200	0.199		mg/L		99	80 - 120
Zinc	0.200	0.193		mg/L		97	80 - 120

Lab Sample ID: 480-100698-1 MS
Matrix: Ground Water
Analysis Batch: 304166

Client Sample ID: BCC Area C MW-C01 MS_0616
Prep Type: Total/NA
Prep Batch: 303890

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	0.32		10.0	9.92		mg/L		96	75 - 125
Antimony	ND		0.200	0.201		mg/L		101	75 - 125
Arsenic	ND		0.200	0.210		mg/L		105	75 - 125
Barium	0.10		0.200	0.297		mg/L		97	75 - 125
Beryllium	ND		0.200	0.196		mg/L		98	75 - 125
Cadmium	ND		0.200	0.200		mg/L		100	75 - 125
Calcium	124		10.0	136.2	4	mg/L		126	75 - 125

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-100698-1 MS — **Client Sample ID: BCC Area C MW-C01 MS_0616**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 304166 — **Prep Batch: 303890**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	0.0031	J	0.200	0.198		mg/L		97	75 - 125
Cobalt	ND		0.200	0.199		mg/L		99	75 - 125
Copper	0.0078	J	0.200	0.206		mg/L		99	75 - 125
Iron	0.26		10.0	9.50		mg/L		92	75 - 125
Lead	ND		0.200	0.200		mg/L		100	75 - 125
Magnesium	17.2		10.0	27.48		mg/L		103	75 - 125
Manganese	0.014		0.200	0.208		mg/L		97	75 - 125
Nickel	0.0017	J	0.200	0.199		mg/L		99	75 - 125
Potassium	50.9		10.0	62.57	4	mg/L		117	75 - 125
Selenium	ND		0.200	0.208		mg/L		104	75 - 125
Silver	ND		0.0500	0.0507		mg/L		101	75 - 125
Sodium	303		10.0	320.0	4	mg/L		173	75 - 125
Thallium	ND		0.200	0.195		mg/L		98	75 - 125
Vanadium	ND		0.200	0.203		mg/L		101	75 - 125
Zinc	0.037	B	0.200	0.229		mg/L		96	75 - 125

Lab Sample ID: 480-100698-1 MSD — **Client Sample ID: BCC Area C MW-C01 MSD_0616**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 304166 — **Prep Batch: 303890**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	0.32		10.0	9.63		mg/L		93	75 - 125	3	20
Antimony	ND		0.200	0.198		mg/L		99	75 - 125	1	20
Arsenic	ND		0.200	0.203		mg/L		101	75 - 125	4	20
Barium	0.10		0.200	0.290		mg/L		94	75 - 125	2	20
Beryllium	ND		0.200	0.190		mg/L		95	75 - 125	3	20
Cadmium	ND		0.200	0.195		mg/L		98	75 - 125	2	20
Calcium	124		10.0	132.0	4	mg/L		85	75 - 125	3	20
Chromium	0.0031	J	0.200	0.193		mg/L		95	75 - 125	2	20
Cobalt	ND		0.200	0.194		mg/L		97	75 - 125	2	20
Copper	0.0078	J	0.200	0.202		mg/L		97	75 - 125	2	20
Iron	0.26		10.0	9.19		mg/L		89	75 - 125	3	20
Lead	ND		0.200	0.195		mg/L		98	75 - 125	2	20
Magnesium	17.2		10.0	26.89		mg/L		97	75 - 125	2	20
Manganese	0.014		0.200	0.202		mg/L		94	75 - 125	3	20
Nickel	0.0017	J	0.200	0.194		mg/L		96	75 - 125	2	20
Potassium	50.9		10.0	60.68	4	mg/L		98	75 - 125	3	20
Selenium	ND		0.200	0.197		mg/L		99	75 - 125	5	20
Silver	ND		0.0500	0.0498		mg/L		100	75 - 125	2	20
Sodium	303		10.0	309.4	4	mg/L		68	75 - 125	3	20
Thallium	ND		0.200	0.188		mg/L		94	75 - 125	4	20
Vanadium	ND		0.200	0.199		mg/L		99	75 - 125	2	20
Zinc	0.037	B	0.200	0.225		mg/L		94	75 - 125	2	20

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-304258/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 304397 — **Prep Batch: 304258**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/31/16 07:20	05/31/16 12:05	1

Lab Sample ID: LCS 480-304258/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 304397 — **Prep Batch: 304258**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00708		mg/L		106	80 - 120

Lab Sample ID: LCSD 480-304258/23-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 304397 — **Prep Batch: 304258**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.00667	0.00703		mg/L		105	80 - 120	1	20

Lab Sample ID: 480-100698-1 MS — **Client Sample ID: BCC Area C MW-C01 MS_0616**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 304397 — **Prep Batch: 304258**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00767		mg/L		115	80 - 120

Lab Sample ID: 480-100698-1 MSD — **Client Sample ID: BCC Area C MW-C01 MSD_0616**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 304397 — **Prep Batch: 304258**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00753		mg/L		113	80 - 120	2	20

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

GC/MS VOA

Analysis Batch: 303982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100698-1	BCC Area C MW-C01_0616	Total/NA	Ground Water	8260C	
480-100698-1 MS	BCC Area C MW-C01 MS_0616	Total/NA	Ground Water	8260C	
480-100698-1 MSD	BCC Area C MW-C01 MSD_0616	Total/NA	Ground Water	8260C	
LCS 480-303982/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-303982/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 304131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100698-3	BCC Area C PS-04_0616	Total/NA	Ground Water	8260C	
480-100698-5	BCC Area C RFI-20_0616	Total/NA	Ground Water	8260C	
480-100698-6	BCC Area C PS-05A_0616	Total/NA	Ground Water	8260C	
480-100698-9	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-304131/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-304131/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 304145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100698-4	BCC Area C MW-C04_0616	Total/NA	Ground Water	8260C	
480-100698-4 MS	BCC Area C MW-C04_0616	Total/NA	Ground Water	8260C	
480-100698-4 MSD	BCC Area C MW-C04_0616	Total/NA	Ground Water	8260C	
LCS 480-304145/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-304145/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 304169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100698-2	BCC Area C RFI-31_0616	Total/NA	Ground Water	8260C	
480-100698-7	BCC Area C PS-06_0616	Total/NA	Ground Water	8260C	
480-100698-8	BCC Area C_MW-C01 D_0616	Total/NA	Ground Water	8260C	
LCS 480-304169/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-304169/7	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 303858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100698-1	BCC Area C MW-C01_0616	Total/NA	Ground Water	3510C	
480-100698-1 MS	BCC Area C MW-C01 MS_0616	Total/NA	Ground Water	3510C	
480-100698-1 MSD	BCC Area C MW-C01 MSD_0616	Total/NA	Ground Water	3510C	
480-100698-2	BCC Area C RFI-31_0616	Total/NA	Ground Water	3510C	
480-100698-3	BCC Area C PS-04_0616	Total/NA	Ground Water	3510C	
480-100698-4	BCC Area C MW-C04_0616	Total/NA	Ground Water	3510C	
480-100698-5	BCC Area C RFI-20_0616	Total/NA	Ground Water	3510C	
480-100698-6	BCC Area C PS-05A_0616	Total/NA	Ground Water	3510C	
480-100698-7	BCC Area C PS-06_0616	Total/NA	Ground Water	3510C	
480-100698-8	BCC Area C_MW-C01 D_0616	Total/NA	Ground Water	3510C	
LCS 480-303858/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-303858/1-A	Method Blank	Total/NA	Water	3510C	

GC/MS Semi VOA (Continued)

Analysis Batch: 304198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100698-1	BCC Area C MW-C01_0616	Total/NA	Ground Water	8270D	303858
480-100698-1 MS	BCC Area C MW-C01 MS_0616	Total/NA	Ground Water	8270D	303858
480-100698-1 MSD	BCC Area C MW-C01 MSD_0616	Total/NA	Ground Water	8270D	303858
480-100698-2	BCC Area C RFI-31_0616	Total/NA	Ground Water	8270D	303858
480-100698-3	BCC Area C PS-04_0616	Total/NA	Ground Water	8270D	303858
480-100698-4	BCC Area C MW-C04_0616	Total/NA	Ground Water	8270D	303858
480-100698-5	BCC Area C RFI-20_0616	Total/NA	Ground Water	8270D	303858
480-100698-6	BCC Area C PS-05A_0616	Total/NA	Ground Water	8270D	303858
480-100698-7	BCC Area C PS-06_0616	Total/NA	Ground Water	8270D	303858
480-100698-8	BCC Area C_MW-C01 D_0616	Total/NA	Ground Water	8270D	303858
LCS 480-303858/2-A	Lab Control Sample	Total/NA	Water	8270D	303858
MB 480-303858/1-A	Method Blank	Total/NA	Water	8270D	303858

Metals

Prep Batch: 303890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100698-1	BCC Area C MW-C01_0616	Total/NA	Ground Water	3005A	
480-100698-1 MS	BCC Area C MW-C01 MS_0616	Total/NA	Ground Water	3005A	
480-100698-1 MSD	BCC Area C MW-C01 MSD_0616	Total/NA	Ground Water	3005A	
480-100698-2	BCC Area C RFI-31_0616	Total/NA	Ground Water	3005A	
480-100698-3	BCC Area C PS-04_0616	Total/NA	Ground Water	3005A	
480-100698-4	BCC Area C MW-C04_0616	Total/NA	Ground Water	3005A	
480-100698-5	BCC Area C RFI-20_0616	Total/NA	Ground Water	3005A	
480-100698-6	BCC Area C PS-05A_0616	Total/NA	Ground Water	3005A	
480-100698-7	BCC Area C PS-06_0616	Total/NA	Ground Water	3005A	
480-100698-8	BCC Area C_MW-C01 D_0616	Total/NA	Ground Water	3005A	
LCS 480-303890/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-303890/1-A	Method Blank	Total/NA	Water	3005A	

Analysis Batch: 304166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100698-1	BCC Area C MW-C01_0616	Total/NA	Ground Water	6010C	303890
480-100698-1 MS	BCC Area C MW-C01 MS_0616	Total/NA	Ground Water	6010C	303890
480-100698-1 MSD	BCC Area C MW-C01 MSD_0616	Total/NA	Ground Water	6010C	303890
480-100698-2	BCC Area C RFI-31_0616	Total/NA	Ground Water	6010C	303890
480-100698-3	BCC Area C PS-04_0616	Total/NA	Ground Water	6010C	303890
480-100698-4	BCC Area C MW-C04_0616	Total/NA	Ground Water	6010C	303890
480-100698-5	BCC Area C RFI-20_0616	Total/NA	Ground Water	6010C	303890
480-100698-6	BCC Area C PS-05A_0616	Total/NA	Ground Water	6010C	303890
480-100698-7	BCC Area C PS-06_0616	Total/NA	Ground Water	6010C	303890
480-100698-8	BCC Area C_MW-C01 D_0616	Total/NA	Ground Water	6010C	303890
LCS 480-303890/2-A	Lab Control Sample	Total/NA	Water	6010C	303890
MB 480-303890/1-A	Method Blank	Total/NA	Water	6010C	303890

Prep Batch: 304258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100698-1	BCC Area C MW-C01_0616	Total/NA	Ground Water	7470A	
480-100698-1 MS	BCC Area C MW-C01 MS_0616	Total/NA	Ground Water	7470A	
480-100698-1 MSD	BCC Area C MW-C01 MSD_0616	Total/NA	Ground Water	7470A	

Metals (Continued)

Prep Batch: 304258 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100698-2	BCC Area C RFI-31_0616	Total/NA	Ground Water	7470A	
480-100698-3	BCC Area C PS-04_0616	Total/NA	Ground Water	7470A	
480-100698-4	BCC Area C MW-C04_0616	Total/NA	Ground Water	7470A	
480-100698-5	BCC Area C RFI-20_0616	Total/NA	Ground Water	7470A	
480-100698-6	BCC Area C PS-05A_0616	Total/NA	Ground Water	7470A	
480-100698-7	BCC Area C PS-06_0616	Total/NA	Ground Water	7470A	
480-100698-8	BCC Area C_MW-C01 D_0616	Total/NA	Ground Water	7470A	
LCS 480-304258/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 480-304258/23-A	Lab Control Sample Dup	Total/NA	Water	7470A	
MB 480-304258/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 304397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100698-1	BCC Area C MW-C01_0616	Total/NA	Ground Water	7470A	304258
480-100698-1 MS	BCC Area C MW-C01 MS_0616	Total/NA	Ground Water	7470A	304258
480-100698-1 MSD	BCC Area C MW-C01 MSD_0616	Total/NA	Ground Water	7470A	304258
480-100698-2	BCC Area C RFI-31_0616	Total/NA	Ground Water	7470A	304258
480-100698-3	BCC Area C PS-04_0616	Total/NA	Ground Water	7470A	304258
480-100698-4	BCC Area C MW-C04_0616	Total/NA	Ground Water	7470A	304258
480-100698-5	BCC Area C RFI-20_0616	Total/NA	Ground Water	7470A	304258
480-100698-6	BCC Area C PS-05A_0616	Total/NA	Ground Water	7470A	304258
480-100698-7	BCC Area C PS-06_0616	Total/NA	Ground Water	7470A	304258
480-100698-8	BCC Area C_MW-C01 D_0616	Total/NA	Ground Water	7470A	304258
LCS 480-304258/2-A	Lab Control Sample	Total/NA	Water	7470A	304258
LCSD 480-304258/23-A	Lab Control Sample Dup	Total/NA	Water	7470A	304258
MB 480-304258/1-A	Method Blank	Total/NA	Water	7470A	304258

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C MW-C01_0616 — Lab Sample ID: 480-100698-1

Date Collected: 05/23/16 11:40 — **Matrix: Ground Water**
Date Received: 05/25/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	303982	05/27/16 17:36	SMY	TAL BUF
Total/NA	Prep	3510C			303858	05/26/16 14:30	AVW	TAL BUF
Total/NA	Analysis	8270D		1	304198	05/28/16 18:53	DMR	TAL BUF
Total/NA	Prep	3005A			303890	05/27/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	304166	05/28/16 02:31	TRB	TAL BUF
Total/NA	Prep	7470A			304258	05/31/16 07:20	JRK	TAL BUF
Total/NA	Analysis	7470A		1	304397	05/31/16 12:11	JRK	TAL BUF

Client Sample ID: BCC Area C RFI-31_0616 — Lab Sample ID: 480-100698-2

Date Collected: 05/23/16 13:50 — **Matrix: Ground Water**
Date Received: 05/25/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	304169	05/28/16 11:50	GTG	TAL BUF
Total/NA	Prep	3510C			303858	05/26/16 14:30	AVW	TAL BUF
Total/NA	Analysis	8270D		1	304198	05/28/16 19:22	DMR	TAL BUF
Total/NA	Prep	3005A			303890	05/27/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	304166	05/28/16 02:48	TRB	TAL BUF
Total/NA	Prep	7470A			304258	05/31/16 07:20	JRK	TAL BUF
Total/NA	Analysis	7470A		1	304397	05/31/16 12:18	JRK	TAL BUF

Client Sample ID: BCC Area C PS-04_0616 — Lab Sample ID: 480-100698-3

Date Collected: 05/23/16 13:15 — **Matrix: Ground Water**
Date Received: 05/25/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	304131	05/28/16 02:30	GTG	TAL BUF
Total/NA	Prep	3510C			303858	05/26/16 14:30	AVW	TAL BUF
Total/NA	Analysis	8270D		1	304198	05/28/16 19:52	DMR	TAL BUF
Total/NA	Prep	3005A			303890	05/27/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	304166	05/28/16 02:51	TRB	TAL BUF
Total/NA	Prep	7470A			304258	05/31/16 07:20	JRK	TAL BUF
Total/NA	Analysis	7470A		1	304397	05/31/16 12:20	JRK	TAL BUF

Client Sample ID: BCC Area C MW-C04_0616 — Lab Sample ID: 480-100698-4

Date Collected: 05/23/16 14:35 — **Matrix: Ground Water**
Date Received: 05/25/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	304145	05/28/16 03:35	RJF	TAL BUF
Total/NA	Prep	3510C			303858	05/26/16 14:30	AVW	TAL BUF
Total/NA	Analysis	8270D		1	304198	05/28/16 20:21	DMR	TAL BUF

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C MW-C04_0616 — Lab Sample ID: 480-100698-4

Date Collected: 05/23/16 14:35 — **Matrix: Ground Water**
Date Received: 05/25/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			303890	05/27/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	304166	05/28/16 02:55	TRB	TAL BUF
Total/NA	Prep	7470A			304258	05/31/16 07:20	JRK	TAL BUF
Total/NA	Analysis	7470A		1	304397	05/31/16 12:26	JRK	TAL BUF

Client Sample ID: BCC Area C RFI-20_0616 — Lab Sample ID: 480-100698-5

Date Collected: 05/23/16 10:50 — **Matrix: Ground Water**
Date Received: 05/25/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	304131	05/28/16 02:54	GTG	TAL BUF
Total/NA	Prep	3510C			303858	05/26/16 14:30	AVW	TAL BUF
Total/NA	Analysis	8270D		1	304198	05/28/16 20:50	DMR	TAL BUF
Total/NA	Prep	3005A			303890	05/27/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	304166	05/28/16 02:58	TRB	TAL BUF
Total/NA	Prep	7470A			304258	05/31/16 07:20	JRK	TAL BUF
Total/NA	Analysis	7470A		1	304397	05/31/16 12:28	JRK	TAL BUF

Client Sample ID: BCC Area C PS-05A_0616 — Lab Sample ID: 480-100698-6

Date Collected: 05/23/16 09:35 — **Matrix: Ground Water**
Date Received: 05/25/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	304131	05/28/16 03:18	GTG	TAL BUF
Total/NA	Prep	3510C			303858	05/26/16 14:30	AVW	TAL BUF
Total/NA	Analysis	8270D		1	304198	05/28/16 21:19	DMR	TAL BUF
Total/NA	Prep	3005A			303890	05/27/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	304166	05/28/16 03:11	TRB	TAL BUF
Total/NA	Prep	7470A			304258	05/31/16 07:20	JRK	TAL BUF
Total/NA	Analysis	7470A		1	304397	05/31/16 12:30	JRK	TAL BUF

Client Sample ID: BCC Area C PS-06_0616 — Lab Sample ID: 480-100698-7

Date Collected: 05/23/16 08:45 — **Matrix: Ground Water**
Date Received: 05/25/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	304169	05/28/16 12:15	GTG	TAL BUF
Total/NA	Prep	3510C			303858	05/26/16 14:30	AVW	TAL BUF
Total/NA	Analysis	8270D		1	304198	05/28/16 21:49	DMR	TAL BUF
Total/NA	Prep	3005A			303890	05/27/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	304166	05/28/16 03:15	TRB	TAL BUF
Total/NA	Prep	7470A			304258	05/31/16 07:20	JRK	TAL BUF
Total/NA	Analysis	7470A		1	304397	05/31/16 12:32	JRK	TAL BUF

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Client Sample ID: BCC Area C_MW-C01 D_0616

Lab Sample ID: 480-100698-8
Date Collected: 05/23/16 11:55
Matrix: Ground Water
Date Received: 05/25/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	304169	05/28/16 12:40	GTG	TAL BUF
Total/NA	Prep	3510C			303858	05/26/16 14:30	AVW	TAL BUF
Total/NA	Analysis	8270D		1	304198	05/28/16 22:18	DMR	TAL BUF
Total/NA	Prep	3005A			303890	05/27/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	304166	05/28/16 03:18	TRB	TAL BUF
Total/NA	Prep	7470A			304258	05/31/16 07:20	JRK	TAL BUF
Total/NA	Analysis	7470A		1	304397	05/31/16 12:33	JRK	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-100698-9
Date Collected: 05/23/16 00:00
Matrix: Water
Date Received: 05/25/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	304131	05/28/16 04:29	GTG	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-17

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-100698-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-100698-1	BCC Area C MW-C01_0616	Ground Water	05/23/16 11:40	05/25/16 15:15
480-100698-2	BCC Area C RFI-31_0616	Ground Water	05/23/16 13:50	05/25/16 15:15
480-100698-3	BCC Area C PS-04_0616	Ground Water	05/23/16 13:15	05/25/16 15:15
480-100698-4	BCC Area C MW-C04_0616	Ground Water	05/23/16 14:35	05/25/16 15:15
480-100698-5	BCC Area C RFI-20_0616	Ground Water	05/23/16 10:50	05/25/16 15:15
480-100698-6	BCC Area C PS-05A_0616	Ground Water	05/23/16 09:35	05/25/16 15:15
480-100698-7	BCC Area C PS-06_0616	Ground Water	05/23/16 08:45	05/25/16 15:15
480-100698-8	BCC Area C_MW-C01 D_0616	Ground Water	05/23/16 11:55	05/25/16 15:15
480-100698-9	TRIP BLANK	Water	05/23/16 00:00	05/25/16 15:15

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

480-100698 Chain of Custody

Client Contact	Project Manager: Schove, John	Site Contact: Tom Wagner	Date: 5-25-16	COC No: 27000 20-0616
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY. 14203	Calendar (C) or Work Days (W) W			
716-856-3333 Phone	TAT			
716-842-1630 FAX	[X] 2 weeks			SDG No.
Project Name: Buffalo Color Area C Wells	[ ] 1 week			
Site: Honeywell Buffalo Color - NYC915231 EIM SITE ID - 37745	[ ] 2 days			
PO# 52954	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	6010B, 7470A (TAL Metals)	8270C - (MOD) TLC SVOA - 4.2 list + naphthalene	Sample Specific Notes:
BCC_Area C_MW-C01_0616	5/23-16	1140	G	W	6	N	3	1	2	
BCC_Area C_RFI-31_0616	5/23-16	1350	G	W	6	N	3	1	2	
BCC_Area C_PS-04_0616	5/23-16	1315	G	W	6	N	3	1	2	
BCC_Area C_MW-C04_0616	5/23-16	1435	G	W	6	N	3	1	2	
BCC_Area C_RFI-20_0616	5/23-16	1050	G	W	6	N	3	1	2	
BCC_Area C_PS-05A_0616	5/23-16	0935	G	W	6	N	3	1	2	
BCC_Area C_PS-06_0616	5/23-16	0845	G	W	6	N	3	1	2	
BCC_Area C_MW-C01 D_0616	5/23-16	1155	G	W	6	N	3	1	2	
BCC_Area C_MW-C01 MS_0616	5/23-16	1210	G	W	6	N	3	1	2	
BCC_Area C_MW-C01 MSD_0616	5/23-16	1225	G	W	6	N	3	1	2	
Trip Blank	N/A	N/A	N/A	W	2		2			
Container Volume (ml)							40	250	1000	
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other							2-V	4-P	1-A	

Possible Hazard Identification
[ ] *Non-Hazard* [ ] *Flammable* [ ] *Skin Irritant* [ ] *Poison B* [X] *Unknown*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
[ ] *Return To Client* [X] *Disposal By Lab* [ ] *Archive For* _____ *Months*

Special Instructions/QC Requirements & Comments:

Container Code: A=Amber G=Glass P=Poly/Plastic S=Summa T=Tedlar V=Vial

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time
Tom Agnew	OSC	5/25/16 1515	[illegible]	TA Buf.	5/25/16 1515
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time

#1 5.4°C

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-100698-1

Login Number: 100698
List Number: 1
Creator: Wallace, Cameron

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	ONTARIO SPECIALTY CONTRACTING INC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-105539-1
Client Project/Site: Buffalo Color Area C Wells
Sampling Event: Buffalo Color Area C Wells

For:
Ontario Specialty Contracting, Inc.
333 Ganson St.
Buffalo, New York 14203

Attn: Kirsten Colligan

Authorized for release by:
9/12/2016 3:34:46 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits
F2	MS/MSD RPD exceeds control limits
F1	MS and/or MSD Recovery is outside acceptance limits.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-105539-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-105539-1

Comments
No additional comments.

Receipt
The samples were received on 9/7/2016 4:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.4º C and 4.1º C.

GC/MS VOA
Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area C RFI-31_0916 (480-105539-2). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-319298 recovered above the upper control limit for Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data has been reported. The following sample is impacted: BCC Area C RFI-31_0916 (480-105539-2).

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area C MW-C04_0916 (480-105539-3). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following volatiles sample were diluted due to foaming at the time of purging during the original sample analysis: BCC Area C PS-06_0916 (480-105539-6). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-319495 recovered above the upper control limit for Trichlorofluoromethane. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data has been reported. The following sample is impacted: BCC Area C RFI-20 D_0916 (480-105539-7).

Method(s) 8260C: The following volatile sample was analyzed with significant headspace in the sample vial: BCC Area C PS-05A_0916 (480-105539-5). Significant headspace is defined as a bubble greater than 6 mm in diameter.

Method(s) 8260C: The analyte Methylene Chloride was detected in the dilution analysis of sample BCC Area C PS-05A_0916 (480-105539-5). Additional manipulation of the sample is required to analyze a sample at a dilution, therefore, the sample detection for Methylene Chloride in the analysis may potentially be due to laboratory contamination and should be evaluated accordingly.

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area C PS-05A_0916 (480-105539-5). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-319583 recovered above the upper control limit for Trichlorofluoromethane. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data has been reported. The following sample is impacted: BCC Area C PS-05A_0916 (480-105539-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-319609 recovered above the upper control limit for 2,4-Dinitrophenol and 4-Nitrophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: BCC Area C MW-C01_0916 (480-105539-1), BCC Area C RFI-31_0916 (480-105539-2), BCC Area C MW-C04_0916 (480-105539-3), BCC Area C RFI-20_0916 (480-105539-4), BCC Area C RFI-20 MS_0916 (480-105539-4[MS]), BCC Area C RFI-20 MSD_0916 (480-105539-4[MSD]), BCC Area C PS-05A_0916 (480-105539-5), BCC Area C PS-06_0916 (480-105539-6) and BCC Area C RFI-20 D_0916 (480-105539-7).

Method(s) 8270D: The laboratory control sample (LCS) for preparation batch 480-319345 and analytical batch 480-319609 recovered outside control limits for the following analytes: 4-Nitrophenol. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. BCC Area C MW-C01_0916 (480-105539-1), BCC Area C RFI-31_0916

Job ID: 480-105539-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

(480-105539-2), BCC Area C MW-C04_0916 (480-105539-3), BCC Area C RFI-20_0916 (480-105539-4), BCC Area C RFI-20 MS_0916 (480-105539-4[MS]), BCC Area C RFI-20 MSD_0916 (480-105539-4[MSD]), BCC Area C PS-05A_0916 (480-105539-5), BCC Area C PS-06_0916 (480-105539-6) and BCC Area C RFI-20 D_0916 (480-105539-7).

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: BCC Area C MW-C04_0916 (480-105539-3) and BCC Area C RFI-20 MSD_0916 (480-105539-4[MSD]). These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C MW-C01_0916 — Lab Sample ID: 480-105539-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(a)pyrene	0.48	J	4.6	0.44	ug/L	1		8270D	Total/NA
Benzo(b)fluoranthene	0.41	J	4.6	0.31	ug/L	1		8270D	Total/NA
Fluoranthene	0.63	J	4.6	0.37	ug/L	1		8270D	Total/NA
Phenanthrene	0.50	J	4.6	0.41	ug/L	1		8270D	Total/NA
Pyrene	0.45	J	4.6	0.31	ug/L	1		8270D	Total/NA
Aluminum	1.1		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0058	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.14		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00071	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	118		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0063		0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.014		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	1.5		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.019		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	16.5		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.073		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0034	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	56.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	324		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0034	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.062		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C RFI-31_0916 — Lab Sample ID: 480-105539-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	710		25	10	ug/L	25		8260C	Total/NA
1,2-Dichlorobenzene	31		25	20	ug/L	25		8260C	Total/NA
1,3-Dichlorobenzene	550		25	20	ug/L	25		8260C	Total/NA
1,4-Dichlorobenzene	55		25	21	ug/L	25		8260C	Total/NA
Chlorobenzene	120		25	19	ug/L	25		8260C	Total/NA
2,4-Dichlorophenol	2.0	J	4.6	0.47	ug/L	1		8270D	Total/NA
Aniline	0.64	J	9.2	0.56	ug/L	1		8270D	Total/NA
Arsenic	0.035		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.031		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00068	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	461		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0035	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0026	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	10.7		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0036	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	180		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.4		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0034	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	11.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	2130		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0096	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C MW-C04_0916 — Lab Sample ID: 480-105539-3

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C MW-C04_0916 (Continued) — Lab Sample ID: 480-105539-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Dichlorobenzene	16		10	7.8	ug/L	10		8260C	Total/NA
1,4-Dichlorobenzene	26		10	8.4	ug/L	10		8260C	Total/NA
Chlorobenzene	230		10	7.5	ug/L	10		8260C	Total/NA
2-Chlorophenol	0.83	J	4.6	0.49	ug/L	1		8270D	Total/NA
N-Nitrosodiphenylamine	0.49	J	4.6	0.47	ug/L	1		8270D	Total/NA
Aluminum	0.50		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.20		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00070	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	266		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0013	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.020		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	7.4		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0065	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	31.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.5		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0014	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	10.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	44.7		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0015	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.027		0.010	0.0015	mg/L	1		6010C	Total/NA
Mercury	0.00014	J	0.00020	0.00012	mg/L	1		7470A	Total/NA

Client Sample ID: BCC Area C RFI-20_0916 — Lab Sample ID: 480-105539-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	2.7		1.0	0.41	ug/L	1		8260C	Total/NA
Carbon disulfide	0.28	J	1.0	0.19	ug/L	1		8260C	Total/NA
Chlorobenzene	24		1.0	0.75	ug/L	1		8260C	Total/NA
Arsenic	0.016		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.042		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	221		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0017	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	9.6		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0042	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	20.5		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.47	F1	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0040	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	11.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	34.2		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0061	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-05A_0916 — Lab Sample ID: 480-105539-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.6	J	20	6.0	ug/L	2		8260C	Total/NA
Chlorobenzene	92		2.0	1.5	ug/L	2		8260C	Total/NA
Methylene Chloride	3.3		2.0	0.88	ug/L	2		8260C	Total/NA
2-Chlorophenol	0.53	J	5.0	0.52	ug/L	1		8270D	Total/NA
Aluminum	1.9		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.015		0.015	0.0056	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C PS-05A_0916 (Continued) — Lab Sample ID: 480-105539-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.038		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00064	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	480		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0030	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.00097	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.012		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	7.8		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0078	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	66.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.46		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0020	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.0		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	259		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0043	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.043		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-06_0916 — Lab Sample ID: 480-105539-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	1.1		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.13		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.018		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00066	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	314		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0023	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0014	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.018		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	75.0		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0099	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	22.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.36		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0029	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	72.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	180		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.071		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C RFI-20 D_0916 — Lab Sample ID: 480-105539-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	2.7		1.0	0.41	ug/L	1		8260C	Total/NA
Acetone	3.0	J	10	3.0	ug/L	1		8260C	Total/NA
Carbon disulfide	0.22	J	1.0	0.19	ug/L	1		8260C	Total/NA
Chlorobenzene	23		1.0	0.75	ug/L	1		8260C	Total/NA
Arsenic	0.016		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.040		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00054	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	200		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0010	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	9.2		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0035	J	0.010	0.0030	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C RFI-20 D_0916 (Continued) — Lab Sample ID: 480-105539-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	19.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.41		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0037	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	10.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	32.3		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0054	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-105539-8

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C MW-C01_0916

Lab Sample ID: 480-105539-1

Date Collected: 09/07/16 12:40
Matrix: Ground Water
Date Received: 09/07/16 16:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/08/16 14:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/08/16 14:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/08/16 14:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/08/16 14:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/08/16 14:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/08/16 14:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/08/16 14:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/08/16 14:19	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/08/16 14:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/08/16 14:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/08/16 14:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/08/16 14:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/08/16 14:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/08/16 14:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/08/16 14:19	1
2-Hexanone	ND		5.0	1.2	ug/L			09/08/16 14:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/08/16 14:19	1
Acetone	ND		10	3.0	ug/L			09/08/16 14:19	1
Benzene	ND		1.0	0.41	ug/L			09/08/16 14:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/08/16 14:19	1
Bromoform	ND		1.0	0.26	ug/L			09/08/16 14:19	1
Bromomethane	ND		1.0	0.69	ug/L			09/08/16 14:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/08/16 14:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/08/16 14:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/08/16 14:19	1
Chloroethane	ND		1.0	0.32	ug/L			09/08/16 14:19	1
Chloroform	ND		1.0	0.34	ug/L			09/08/16 14:19	1
Chloromethane	ND		1.0	0.35	ug/L			09/08/16 14:19	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/08/16 14:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/08/16 14:19	1
Cyclohexane	ND		1.0	0.18	ug/L			09/08/16 14:19	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/08/16 14:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/08/16 14:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/08/16 14:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/08/16 14:19	1
Methyl acetate	ND		2.5	1.3	ug/L			09/08/16 14:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/08/16 14:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/08/16 14:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/08/16 14:19	1
Styrene	ND		1.0	0.73	ug/L			09/08/16 14:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/08/16 14:19	1
Toluene	ND		1.0	0.51	ug/L			09/08/16 14:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/08/16 14:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/08/16 14:19	1
Trichloroethene	ND		1.0	0.46	ug/L			09/08/16 14:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/08/16 14:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/08/16 14:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/08/16 14:19	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C MW-C01_0916

Lab Sample ID: 480-105539-1

Date Collected: 09/07/16 12:40
Matrix: Ground Water
Date Received: 09/07/16 16:10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*77 - 120*		*09/08/16 14:19*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*09/08/16 14:19*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*09/08/16 14:19*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*09/08/16 14:19*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.6	0.44	ug/L		09/08/16 07:22	09/09/16 17:59	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		09/08/16 07:22	09/09/16 17:59	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		09/08/16 07:22	09/09/16 17:59	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		09/08/16 07:22	09/09/16 17:59	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		09/08/16 07:22	09/09/16 17:59	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		09/08/16 07:22	09/09/16 17:59	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		09/08/16 07:22	09/09/16 17:59	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		09/08/16 07:22	09/09/16 17:59	1
2-Chlorophenol	ND		4.6	0.49	ug/L		09/08/16 07:22	09/09/16 17:59	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		09/08/16 07:22	09/09/16 17:59	1
2-Methylphenol	ND		4.6	0.37	ug/L		09/08/16 07:22	09/09/16 17:59	1
2-Nitroaniline	ND		9.3	0.39	ug/L		09/08/16 07:22	09/09/16 17:59	1
2-Nitrophenol	ND		4.6	0.44	ug/L		09/08/16 07:22	09/09/16 17:59	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		09/08/16 07:22	09/09/16 17:59	1
3-Nitroaniline	ND		9.3	0.44	ug/L		09/08/16 07:22	09/09/16 17:59	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		09/08/16 07:22	09/09/16 17:59	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		09/08/16 07:22	09/09/16 17:59	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		09/08/16 07:22	09/09/16 17:59	1
4-Chloroaniline	ND		4.6	0.55	ug/L		09/08/16 07:22	09/09/16 17:59	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		09/08/16 07:22	09/09/16 17:59	1
4-Methylphenol	ND		9.3	0.33	ug/L		09/08/16 07:22	09/09/16 17:59	1
4-Nitroaniline	ND		9.3	0.23	ug/L		09/08/16 07:22	09/09/16 17:59	1
4-Nitrophenol	ND	*	9.3	1.4	ug/L		09/08/16 07:22	09/09/16 17:59	1
Acenaphthene	ND		4.6	0.38	ug/L		09/08/16 07:22	09/09/16 17:59	1
Acenaphthylene	ND		4.6	0.35	ug/L		09/08/16 07:22	09/09/16 17:59	1
Acetophenone	ND		4.6	0.50	ug/L		09/08/16 07:22	09/09/16 17:59	1
Aniline	ND		9.3	0.56	ug/L		09/08/16 07:22	09/09/16 17:59	1
Anthracene	ND		4.6	0.26	ug/L		09/08/16 07:22	09/09/16 17:59	1
Atrazine	ND		4.6	0.43	ug/L		09/08/16 07:22	09/09/16 17:59	1
Benzaldehyde	ND		4.6	0.25	ug/L		09/08/16 07:22	09/09/16 17:59	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		09/08/16 07:22	09/09/16 17:59	1
Benzo(a)pyrene	**0.48**	**J**	4.6	0.44	ug/L		09/08/16 07:22	09/09/16 17:59	1
Benzo(b)fluoranthene	**0.41**	**J**	4.6	0.31	ug/L		09/08/16 07:22	09/09/16 17:59	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		09/08/16 07:22	09/09/16 17:59	1
Benzo(k)fluoranthene	ND		4.6	0.68	ug/L		09/08/16 07:22	09/09/16 17:59	1
Biphenyl	ND		4.6	0.60	ug/L		09/08/16 07:22	09/09/16 17:59	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		09/08/16 07:22	09/09/16 17:59	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		09/08/16 07:22	09/09/16 17:59	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		09/08/16 07:22	09/09/16 17:59	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		09/08/16 07:22	09/09/16 17:59	1
Butyl benzyl phthalate	ND		4.6	0.93	ug/L		09/08/16 07:22	09/09/16 17:59	1
Caprolactam	ND		4.6	2.0	ug/L		09/08/16 07:22	09/09/16 17:59	1
Carbazole	ND		4.6	0.28	ug/L		09/08/16 07:22	09/09/16 17:59	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C MW-C01_0916

Lab Sample ID: 480-105539-1

Date Collected: 09/07/16 12:40
Matrix: Ground Water
Date Received: 09/07/16 16:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.6	0.31	ug/L		09/08/16 07:22	09/09/16 17:59	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		09/08/16 07:22	09/09/16 17:59	1
Dibenzofuran	ND		9.3	0.47	ug/L		09/08/16 07:22	09/09/16 17:59	1
Diethyl phthalate	ND		4.6	0.20	ug/L		09/08/16 07:22	09/09/16 17:59	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		09/08/16 07:22	09/09/16 17:59	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		09/08/16 07:22	09/09/16 17:59	1
Di-n-octyl phthalate	ND		4.6	0.44	ug/L		09/08/16 07:22	09/09/16 17:59	1
Fluoranthene	**0.63**	**J**	4.6	0.37	ug/L		09/08/16 07:22	09/09/16 17:59	1
Fluorene	ND		4.6	0.33	ug/L		09/08/16 07:22	09/09/16 17:59	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		09/08/16 07:22	09/09/16 17:59	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		09/08/16 07:22	09/09/16 17:59	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		09/08/16 07:22	09/09/16 17:59	1
Hexachloroethane	ND		4.6	0.55	ug/L		09/08/16 07:22	09/09/16 17:59	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.44	ug/L		09/08/16 07:22	09/09/16 17:59	1
Isophorone	ND		4.6	0.40	ug/L		09/08/16 07:22	09/09/16 17:59	1
Naphthalene	ND		4.6	0.70	ug/L		09/08/16 07:22	09/09/16 17:59	1
Nitrobenzene	ND		4.6	0.27	ug/L		09/08/16 07:22	09/09/16 17:59	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		09/08/16 07:22	09/09/16 17:59	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		09/08/16 07:22	09/09/16 17:59	1
Pentachlorophenol	ND		9.3	2.0	ug/L		09/08/16 07:22	09/09/16 17:59	1
Phenanthrene	**0.50**	**J**	4.6	0.41	ug/L		09/08/16 07:22	09/09/16 17:59	1
Phenol	ND		4.6	0.36	ug/L		09/08/16 07:22	09/09/16 17:59	1
Pyrene	**0.45**	**J**	4.6	0.31	ug/L		09/08/16 07:22	09/09/16 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*117*		*52 - 132*	*09/08/16 07:22*	*09/09/16 17:59*	*1*
2-Fluorobiphenyl	*78*		*48 - 120*	*09/08/16 07:22*	*09/09/16 17:59*	*1*
2-Fluorophenol	*48*		*20 - 120*	*09/08/16 07:22*	*09/09/16 17:59*	*1*
Nitrobenzene-d5	*71*		*46 - 120*	*09/08/16 07:22*	*09/09/16 17:59*	*1*
Phenol-d5	*37*		*16 - 120*	*09/08/16 07:22*	*09/09/16 17:59*	*1*
p-Terphenyl-d14	*93*		*67 - 150*	*09/08/16 07:22*	*09/09/16 17:59*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.1**		0.20	0.060	mg/L		09/08/16 09:36	09/09/16 15:21	1
Antimony	ND		0.020	0.0068	mg/L		09/08/16 09:36	09/09/16 15:21	1
Arsenic	**0.0058**	**J**	0.015	0.0056	mg/L		09/08/16 09:36	09/09/16 15:21	1
Barium	**0.14**		0.0020	0.00070	mg/L		09/08/16 09:36	09/09/16 15:21	1
Beryllium	ND		0.0020	0.00030	mg/L		09/08/16 09:36	09/09/16 15:21	1
Cadmium	**0.00071**	**J**	0.0020	0.00050	mg/L		09/08/16 09:36	09/09/16 15:21	1
Calcium	**118**		0.50	0.10	mg/L		09/08/16 09:36	09/09/16 15:21	1
Chromium	**0.0063**		0.0040	0.0010	mg/L		09/08/16 09:36	09/09/16 15:21	1
Cobalt	ND		0.0040	0.00063	mg/L		09/08/16 09:36	09/09/16 15:21	1
Copper	**0.014**		0.010	0.0016	mg/L		09/08/16 09:36	09/09/16 15:21	1
Iron	**1.5**		0.050	0.019	mg/L		09/08/16 09:36	09/09/16 15:21	1
Lead	**0.019**		0.010	0.0030	mg/L		09/08/16 09:36	09/09/16 15:21	1
Magnesium	**16.5**		0.20	0.043	mg/L		09/08/16 09:36	09/09/16 15:21	1
Manganese	**0.073**		0.0030	0.00040	mg/L		09/08/16 09:36	09/09/16 15:21	1
Nickel	**0.0034**	**J**	0.010	0.0013	mg/L		09/08/16 09:36	09/09/16 15:21	1
Potassium	**56.9**		0.50	0.10	mg/L		09/08/16 09:36	09/09/16 15:21	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C MW-C01_0916

Lab Sample ID: 480-105539-1

Date Collected: 09/07/16 12:40

Matrix: Ground Water

Date Received: 09/07/16 16:10

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/08/16 09:36	09/09/16 15:21	1
Silver	ND		0.0060	0.0017	mg/L		09/08/16 09:36	09/09/16 15:21	1
Sodium	**324**		1.0	0.32	mg/L		09/08/16 09:36	09/09/16 15:21	1
Thallium	ND		0.020	0.010	mg/L		09/08/16 09:36	09/09/16 15:21	1
Vanadium	**0.0034**	**J**	0.0050	0.0015	mg/L		09/08/16 09:36	09/09/16 15:21	1
Zinc	**0.062**		0.010	0.0015	mg/L		09/08/16 09:36	09/09/16 15:21	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/08/16 07:50	09/08/16 12:23	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C RFI-31_0916

Lab Sample ID: 480-105539-2

Date Collected: 09/07/16 13:20

Matrix: Ground Water

Date Received: 09/07/16 16:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		25	21	ug/L			09/08/16 05:24	25
1,1,2,2-Tetrachloroethane	ND		25	5.3	ug/L			09/08/16 05:24	25
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25	7.8	ug/L			09/08/16 05:24	25
1,1,2-Trichloroethane	ND		25	5.8	ug/L			09/08/16 05:24	25
1,1-Dichloroethane	ND		25	9.5	ug/L			09/08/16 05:24	25
1,1-Dichloroethene	ND		25	7.3	ug/L			09/08/16 05:24	25
1,2,4-Trichlorobenzene	**710**		25	10	ug/L			09/08/16 05:24	25
1,2-Dibromo-3-Chloropropane	ND		25	9.8	ug/L			09/08/16 05:24	25
1,2-Dibromoethane	ND		25	18	ug/L			09/08/16 05:24	25
1,2-Dichlorobenzene	**31**		25	20	ug/L			09/08/16 05:24	25
1,2-Dichloroethane	ND		25	5.3	ug/L			09/08/16 05:24	25
1,2-Dichloropropane	ND		25	18	ug/L			09/08/16 05:24	25
1,3-Dichlorobenzene	**550**		25	20	ug/L			09/08/16 05:24	25
1,4-Dichlorobenzene	**55**		25	21	ug/L			09/08/16 05:24	25
2-Butanone (MEK)	ND		250	33	ug/L			09/08/16 05:24	25
2-Hexanone	ND		130	31	ug/L			09/08/16 05:24	25
4-Methyl-2-pentanone (MIBK)	ND		130	53	ug/L			09/08/16 05:24	25
Acetone	ND		250	75	ug/L			09/08/16 05:24	25
Benzene	ND		25	10	ug/L			09/08/16 05:24	25
Bromodichloromethane	ND		25	9.8	ug/L			09/08/16 05:24	25
Bromoform	ND		25	6.5	ug/L			09/08/16 05:24	25
Bromomethane	ND		25	17	ug/L			09/08/16 05:24	25
Carbon disulfide	ND		25	4.8	ug/L			09/08/16 05:24	25
Carbon tetrachloride	ND		25	6.8	ug/L			09/08/16 05:24	25
Chlorobenzene	**120**		25	19	ug/L			09/08/16 05:24	25
Chloroethane	ND		25	8.0	ug/L			09/08/16 05:24	25
Chloroform	ND		25	8.5	ug/L			09/08/16 05:24	25
Chloromethane	ND		25	8.8	ug/L			09/08/16 05:24	25
cis-1,2-Dichloroethene	ND		25	20	ug/L			09/08/16 05:24	25
cis-1,3-Dichloropropene	ND		25	9.0	ug/L			09/08/16 05:24	25
Cyclohexane	ND		25	4.5	ug/L			09/08/16 05:24	25
Dibromochloromethane	ND		25	8.0	ug/L			09/08/16 05:24	25
Dichlorodifluoromethane	ND		25	17	ug/L			09/08/16 05:24	25
Ethylbenzene	ND		25	19	ug/L			09/08/16 05:24	25
Isopropylbenzene	ND		25	20	ug/L			09/08/16 05:24	25
Methyl acetate	ND		63	33	ug/L			09/08/16 05:24	25
Methyl tert-butyl ether	ND		25	4.0	ug/L			09/08/16 05:24	25
Methylcyclohexane	ND		25	4.0	ug/L			09/08/16 05:24	25
Methylene Chloride	ND		25	11	ug/L			09/08/16 05:24	25
Styrene	ND		25	18	ug/L			09/08/16 05:24	25
Tetrachloroethene	ND		25	9.0	ug/L			09/08/16 05:24	25
Toluene	ND		25	13	ug/L			09/08/16 05:24	25
trans-1,2-Dichloroethene	ND		25	23	ug/L			09/08/16 05:24	25
trans-1,3-Dichloropropene	ND		25	9.3	ug/L			09/08/16 05:24	25
Trichloroethene	ND		25	12	ug/L			09/08/16 05:24	25
Trichlorofluoromethane	ND		25	22	ug/L			09/08/16 05:24	25
Vinyl chloride	ND		25	23	ug/L			09/08/16 05:24	25
Xylenes, Total	ND		50	17	ug/L			09/08/16 05:24	25

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C RFI-31_0916

Date Collected: 09/07/16 13:20
Date Received: 09/07/16 16:10

Lab Sample ID: 480-105539-2

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*77 - 120*		*09/08/16 05:24*	*25*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*09/08/16 05:24*	*25*
Toluene-d8 (Surr)	*96*		*80 - 120*		*09/08/16 05:24*	*25*
Dibromofluoromethane (Surr)	*112*		*75 - 123*		*09/08/16 05:24*	*25*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.6	0.44	ug/L		09/08/16 07:22	09/09/16 18:28	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		09/08/16 07:22	09/09/16 18:28	1
2,4-Dichlorophenol	**2.0**	**J**	4.6	0.47	ug/L		09/08/16 07:22	09/09/16 18:28	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		09/08/16 07:22	09/09/16 18:28	1
2,4-Dinitrophenol	ND		9.2	2.0	ug/L		09/08/16 07:22	09/09/16 18:28	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		09/08/16 07:22	09/09/16 18:28	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		09/08/16 07:22	09/09/16 18:28	1
2-Chloronaphthalene	ND		4.6	0.42	ug/L		09/08/16 07:22	09/09/16 18:28	1
2-Chlorophenol	ND		4.6	0.49	ug/L		09/08/16 07:22	09/09/16 18:28	1
2-Methylnaphthalene	ND		4.6	0.55	ug/L		09/08/16 07:22	09/09/16 18:28	1
2-Methylphenol	ND		4.6	0.37	ug/L		09/08/16 07:22	09/09/16 18:28	1
2-Nitroaniline	ND		9.2	0.39	ug/L		09/08/16 07:22	09/09/16 18:28	1
2-Nitrophenol	ND		4.6	0.44	ug/L		09/08/16 07:22	09/09/16 18:28	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		09/08/16 07:22	09/09/16 18:28	1
3-Nitroaniline	ND		9.2	0.44	ug/L		09/08/16 07:22	09/09/16 18:28	1
4,6-Dinitro-2-methylphenol	ND		9.2	2.0	ug/L		09/08/16 07:22	09/09/16 18:28	1
4-Bromophenyl phenyl ether	ND		4.6	0.41	ug/L		09/08/16 07:22	09/09/16 18:28	1
4-Chloro-3-methylphenol	ND		4.6	0.41	ug/L		09/08/16 07:22	09/09/16 18:28	1
4-Chloroaniline	ND		4.6	0.54	ug/L		09/08/16 07:22	09/09/16 18:28	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		09/08/16 07:22	09/09/16 18:28	1
4-Methylphenol	ND		9.2	0.33	ug/L		09/08/16 07:22	09/09/16 18:28	1
4-Nitroaniline	ND		9.2	0.23	ug/L		09/08/16 07:22	09/09/16 18:28	1
4-Nitrophenol	ND	*	9.2	1.4	ug/L		09/08/16 07:22	09/09/16 18:28	1
Acenaphthene	ND		4.6	0.38	ug/L		09/08/16 07:22	09/09/16 18:28	1
Acenaphthylene	ND		4.6	0.35	ug/L		09/08/16 07:22	09/09/16 18:28	1
Acetophenone	ND		4.6	0.50	ug/L		09/08/16 07:22	09/09/16 18:28	1
Aniline	**0.64**	**J**	9.2	0.56	ug/L		09/08/16 07:22	09/09/16 18:28	1
Anthracene	ND		4.6	0.26	ug/L		09/08/16 07:22	09/09/16 18:28	1
Atrazine	ND		4.6	0.42	ug/L		09/08/16 07:22	09/09/16 18:28	1
Benzaldehyde	ND		4.6	0.25	ug/L		09/08/16 07:22	09/09/16 18:28	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		09/08/16 07:22	09/09/16 18:28	1
Benzo(a)pyrene	ND		4.6	0.43	ug/L		09/08/16 07:22	09/09/16 18:28	1
Benzo(b)fluoranthene	ND		4.6	0.31	ug/L		09/08/16 07:22	09/09/16 18:28	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		09/08/16 07:22	09/09/16 18:28	1
Benzo(k)fluoranthene	ND		4.6	0.67	ug/L		09/08/16 07:22	09/09/16 18:28	1
Biphenyl	ND		4.6	0.60	ug/L		09/08/16 07:22	09/09/16 18:28	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		09/08/16 07:22	09/09/16 18:28	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		09/08/16 07:22	09/09/16 18:28	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		09/08/16 07:22	09/09/16 18:28	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		09/08/16 07:22	09/09/16 18:28	1
Butyl benzyl phthalate	ND		4.6	0.92	ug/L		09/08/16 07:22	09/09/16 18:28	1
Caprolactam	ND		4.6	2.0	ug/L		09/08/16 07:22	09/09/16 18:28	1
Carbazole	ND		4.6	0.28	ug/L		09/08/16 07:22	09/09/16 18:28	1

Client Sample ID: BCC Area C RFI-31_0916

Lab Sample ID: 480-105539-2

Date Collected: 09/07/16 13:20

Matrix: Ground Water

Date Received: 09/07/16 16:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.6	0.30	ug/L		09/08/16 07:22	09/09/16 18:28	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		09/08/16 07:22	09/09/16 18:28	1
Dibenzofuran	ND		9.2	0.47	ug/L		09/08/16 07:22	09/09/16 18:28	1
Diethyl phthalate	ND		4.6	0.20	ug/L		09/08/16 07:22	09/09/16 18:28	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		09/08/16 07:22	09/09/16 18:28	1
Di-n-butyl phthalate	ND		4.6	0.28	ug/L		09/08/16 07:22	09/09/16 18:28	1
Di-n-octyl phthalate	ND		4.6	0.43	ug/L		09/08/16 07:22	09/09/16 18:28	1
Fluoranthene	ND		4.6	0.37	ug/L		09/08/16 07:22	09/09/16 18:28	1
Fluorene	ND		4.6	0.33	ug/L		09/08/16 07:22	09/09/16 18:28	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		09/08/16 07:22	09/09/16 18:28	1
Hexachlorobutadiene	ND		4.6	0.62	ug/L		09/08/16 07:22	09/09/16 18:28	1
Hexachlorocyclopentadiene	ND		4.6	0.54	ug/L		09/08/16 07:22	09/09/16 18:28	1
Hexachloroethane	ND		4.6	0.54	ug/L		09/08/16 07:22	09/09/16 18:28	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.43	ug/L		09/08/16 07:22	09/09/16 18:28	1
Isophorone	ND		4.6	0.40	ug/L		09/08/16 07:22	09/09/16 18:28	1
Naphthalene	ND		4.6	0.70	ug/L		09/08/16 07:22	09/09/16 18:28	1
Nitrobenzene	ND		4.6	0.27	ug/L		09/08/16 07:22	09/09/16 18:28	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		09/08/16 07:22	09/09/16 18:28	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		09/08/16 07:22	09/09/16 18:28	1
Pentachlorophenol	ND		9.2	2.0	ug/L		09/08/16 07:22	09/09/16 18:28	1
Phenanthrene	ND		4.6	0.40	ug/L		09/08/16 07:22	09/09/16 18:28	1
Phenol	ND		4.6	0.36	ug/L		09/08/16 07:22	09/09/16 18:28	1
Pyrene	ND		4.6	0.31	ug/L		09/08/16 07:22	09/09/16 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*120*		*52 - 132*	*09/08/16 07:22*	*09/09/16 18:28*	*1*
2-Fluorobiphenyl	*72*		*48 - 120*	*09/08/16 07:22*	*09/09/16 18:28*	*1*
2-Fluorophenol	*50*		*20 - 120*	*09/08/16 07:22*	*09/09/16 18:28*	*1*
Nitrobenzene-d5	*67*		*46 - 120*	*09/08/16 07:22*	*09/09/16 18:28*	*1*
Phenol-d5	*41*		*16 - 120*	*09/08/16 07:22*	*09/09/16 18:28*	*1*
p-Terphenyl-d14	*81*		*67 - 150*	*09/08/16 07:22*	*09/09/16 18:28*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/08/16 09:36	09/09/16 15:25	1
Antimony	ND		0.020	0.0068	mg/L		09/08/16 09:36	09/09/16 15:25	1
Arsenic	**0.035**		0.015	0.0056	mg/L		09/08/16 09:36	09/09/16 15:25	1
Barium	**0.031**		0.0020	0.00070	mg/L		09/08/16 09:36	09/09/16 15:25	1
Beryllium	ND		0.0020	0.00030	mg/L		09/08/16 09:36	09/09/16 15:25	1
Cadmium	**0.00068**	**J**	0.0020	0.00050	mg/L		09/08/16 09:36	09/09/16 15:25	1
Calcium	**461**		0.50	0.10	mg/L		09/08/16 09:36	09/09/16 15:25	1
Chromium	ND		0.0040	0.0010	mg/L		09/08/16 09:36	09/09/16 15:25	1
Cobalt	**0.0035**	**J**	0.0040	0.00063	mg/L		09/08/16 09:36	09/09/16 15:25	1
Copper	**0.0026**	**J**	0.010	0.0016	mg/L		09/08/16 09:36	09/09/16 15:25	1
Iron	**10.7**		0.050	0.019	mg/L		09/08/16 09:36	09/09/16 15:25	1
Lead	**0.0036**	**J**	0.010	0.0030	mg/L		09/08/16 09:36	09/09/16 15:25	1
Magnesium	**180**		0.20	0.043	mg/L		09/08/16 09:36	09/09/16 15:25	1
Manganese	**1.4**		0.0030	0.00040	mg/L		09/08/16 09:36	09/09/16 15:25	1
Nickel	**0.0034**	**J**	0.010	0.0013	mg/L		09/08/16 09:36	09/09/16 15:25	1
Potassium	**11.6**		0.50	0.10	mg/L		09/08/16 09:36	09/09/16 15:25	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C RFI-31_0916

Lab Sample ID: 480-105539-2

Date Collected: 09/07/16 13:20

Matrix: Ground Water

Date Received: 09/07/16 16:10

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/08/16 09:36	09/09/16 15:25	1
Silver	ND		0.0060	0.0017	mg/L		09/08/16 09:36	09/09/16 15:25	1
Sodium	**2130**		1.0	0.32	mg/L		09/08/16 09:36	09/09/16 15:25	1
Thallium	ND		0.020	0.010	mg/L		09/08/16 09:36	09/09/16 15:25	1
Vanadium	ND		0.0050	0.0015	mg/L		09/08/16 09:36	09/09/16 15:25	1
Zinc	**0.0096**	**J**	0.010	0.0015	mg/L		09/08/16 09:36	09/09/16 15:25	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/08/16 07:50	09/08/16 12:25	1

Client Sample ID: BCC Area C MW-C04_0916

Lab Sample ID: 480-105539-3

Date Collected: 09/07/16 11:45

Matrix: Ground Water

Date Received: 09/07/16 16:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			09/08/16 14:44	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			09/08/16 14:44	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			09/08/16 14:44	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			09/08/16 14:44	10
1,1-Dichloroethane	ND		10	3.8	ug/L			09/08/16 14:44	10
1,1-Dichloroethene	ND		10	2.9	ug/L			09/08/16 14:44	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			09/08/16 14:44	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			09/08/16 14:44	10
1,2-Dibromoethane	ND		10	7.3	ug/L			09/08/16 14:44	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			09/08/16 14:44	10
1,2-Dichloroethane	ND		10	2.1	ug/L			09/08/16 14:44	10
1,2-Dichloropropane	ND		10	7.2	ug/L			09/08/16 14:44	10
1,3-Dichlorobenzene	**16**		10	7.8	ug/L			09/08/16 14:44	10
1,4-Dichlorobenzene	**26**		10	8.4	ug/L			09/08/16 14:44	10
2-Butanone (MEK)	ND		100	13	ug/L			09/08/16 14:44	10
2-Hexanone	ND		50	12	ug/L			09/08/16 14:44	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			09/08/16 14:44	10
Acetone	ND		100	30	ug/L			09/08/16 14:44	10
Benzene	ND		10	4.1	ug/L			09/08/16 14:44	10
Bromodichloromethane	ND		10	3.9	ug/L			09/08/16 14:44	10
Bromoform	ND		10	2.6	ug/L			09/08/16 14:44	10
Bromomethane	ND		10	6.9	ug/L			09/08/16 14:44	10
Carbon disulfide	ND		10	1.9	ug/L			09/08/16 14:44	10
Carbon tetrachloride	ND		10	2.7	ug/L			09/08/16 14:44	10
Chlorobenzene	**230**		10	7.5	ug/L			09/08/16 14:44	10
Chloroethane	ND		10	3.2	ug/L			09/08/16 14:44	10
Chloroform	ND		10	3.4	ug/L			09/08/16 14:44	10
Chloromethane	ND		10	3.5	ug/L			09/08/16 14:44	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			09/08/16 14:44	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			09/08/16 14:44	10
Cyclohexane	ND		10	1.8	ug/L			09/08/16 14:44	10
Dibromochloromethane	ND		10	3.2	ug/L			09/08/16 14:44	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			09/08/16 14:44	10
Ethylbenzene	ND		10	7.4	ug/L			09/08/16 14:44	10
Isopropylbenzene	ND		10	7.9	ug/L			09/08/16 14:44	10
Methyl acetate	ND		25	13	ug/L			09/08/16 14:44	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			09/08/16 14:44	10
Methylcyclohexane	ND		10	1.6	ug/L			09/08/16 14:44	10
Methylene Chloride	ND		10	4.4	ug/L			09/08/16 14:44	10
Styrene	ND		10	7.3	ug/L			09/08/16 14:44	10
Tetrachloroethene	ND		10	3.6	ug/L			09/08/16 14:44	10
Toluene	ND		10	5.1	ug/L			09/08/16 14:44	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			09/08/16 14:44	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			09/08/16 14:44	10
Trichloroethene	ND		10	4.6	ug/L			09/08/16 14:44	10
Trichlorofluoromethane	ND		10	8.8	ug/L			09/08/16 14:44	10
Vinyl chloride	ND		10	9.0	ug/L			09/08/16 14:44	10
Xylenes, Total	ND		20	6.6	ug/L			09/08/16 14:44	10

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C MW-C04_0916

Lab Sample ID: 480-105539-3

Date Collected: 09/07/16 11:45
Matrix: Ground Water
Date Received: 09/07/16 16:10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*77 - 120*		*09/08/16 14:44*	*10*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*09/08/16 14:44*	*10*
Toluene-d8 (Surr)	*97*		*80 - 120*		*09/08/16 14:44*	*10*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*09/08/16 14:44*	*10*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.6	0.45	ug/L		09/08/16 07:22	09/09/16 18:57	1
2,4,6-Trichlorophenol	ND		4.6	0.57	ug/L		09/08/16 07:22	09/09/16 18:57	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		09/08/16 07:22	09/09/16 18:57	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		09/08/16 07:22	09/09/16 18:57	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		09/08/16 07:22	09/09/16 18:57	1
2,4-Dinitrotoluene	ND		4.6	0.42	ug/L		09/08/16 07:22	09/09/16 18:57	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		09/08/16 07:22	09/09/16 18:57	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		09/08/16 07:22	09/09/16 18:57	1
2-Chlorophenol	**0.83**	**J**	4.6	0.49	ug/L		09/08/16 07:22	09/09/16 18:57	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		09/08/16 07:22	09/09/16 18:57	1
2-Methylphenol	ND		4.6	0.37	ug/L		09/08/16 07:22	09/09/16 18:57	1
2-Nitroaniline	ND		9.3	0.39	ug/L		09/08/16 07:22	09/09/16 18:57	1
2-Nitrophenol	ND		4.6	0.45	ug/L		09/08/16 07:22	09/09/16 18:57	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		09/08/16 07:22	09/09/16 18:57	1
3-Nitroaniline	ND		9.3	0.45	ug/L		09/08/16 07:22	09/09/16 18:57	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		09/08/16 07:22	09/09/16 18:57	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		09/08/16 07:22	09/09/16 18:57	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		09/08/16 07:22	09/09/16 18:57	1
4-Chloroaniline	ND		4.6	0.55	ug/L		09/08/16 07:22	09/09/16 18:57	1
4-Chlorophenyl phenyl ether	ND		4.6	0.33	ug/L		09/08/16 07:22	09/09/16 18:57	1
4-Methylphenol	ND		9.3	0.33	ug/L		09/08/16 07:22	09/09/16 18:57	1
4-Nitroaniline	ND		9.3	0.23	ug/L		09/08/16 07:22	09/09/16 18:57	1
4-Nitrophenol	ND	*	9.3	1.4	ug/L		09/08/16 07:22	09/09/16 18:57	1
Acenaphthene	ND		4.6	0.38	ug/L		09/08/16 07:22	09/09/16 18:57	1
Acenaphthylene	ND		4.6	0.35	ug/L		09/08/16 07:22	09/09/16 18:57	1
Acetophenone	ND		4.6	0.50	ug/L		09/08/16 07:22	09/09/16 18:57	1
Aniline	ND		9.3	0.57	ug/L		09/08/16 07:22	09/09/16 18:57	1
Anthracene	ND		4.6	0.26	ug/L		09/08/16 07:22	09/09/16 18:57	1
Atrazine	ND		4.6	0.43	ug/L		09/08/16 07:22	09/09/16 18:57	1
Benzaldehyde	ND		4.6	0.25	ug/L		09/08/16 07:22	09/09/16 18:57	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		09/08/16 07:22	09/09/16 18:57	1
Benzo(a)pyrene	ND		4.6	0.44	ug/L		09/08/16 07:22	09/09/16 18:57	1
Benzo(b)fluoranthene	ND		4.6	0.32	ug/L		09/08/16 07:22	09/09/16 18:57	1
Benzo(g,h,i)perylene	ND		4.6	0.33	ug/L		09/08/16 07:22	09/09/16 18:57	1
Benzo(k)fluoranthene	ND		4.6	0.68	ug/L		09/08/16 07:22	09/09/16 18:57	1
Biphenyl	ND		4.6	0.61	ug/L		09/08/16 07:22	09/09/16 18:57	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		09/08/16 07:22	09/09/16 18:57	1
Bis(2-chloroethoxy)methane	ND		4.6	0.33	ug/L		09/08/16 07:22	09/09/16 18:57	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		09/08/16 07:22	09/09/16 18:57	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		09/08/16 07:22	09/09/16 18:57	1
Butyl benzyl phthalate	ND		4.6	0.93	ug/L		09/08/16 07:22	09/09/16 18:57	1
Caprolactam	ND		4.6	2.0	ug/L		09/08/16 07:22	09/09/16 18:57	1
Carbazole	ND		4.6	0.28	ug/L		09/08/16 07:22	09/09/16 18:57	1

Client Sample ID: BCC Area C MW-C04_0916

Lab Sample ID: 480-105539-3

Date Collected: 09/07/16 11:45

Matrix: Ground Water

Date Received: 09/07/16 16:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.6	0.31	ug/L		09/08/16 07:22	09/09/16 18:57	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		09/08/16 07:22	09/09/16 18:57	1
Dibenzofuran	ND		9.3	0.47	ug/L		09/08/16 07:22	09/09/16 18:57	1
Diethyl phthalate	ND		4.6	0.20	ug/L		09/08/16 07:22	09/09/16 18:57	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		09/08/16 07:22	09/09/16 18:57	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		09/08/16 07:22	09/09/16 18:57	1
Di-n-octyl phthalate	ND		4.6	0.44	ug/L		09/08/16 07:22	09/09/16 18:57	1
Fluoranthene	ND		4.6	0.37	ug/L		09/08/16 07:22	09/09/16 18:57	1
Fluorene	ND		4.6	0.33	ug/L		09/08/16 07:22	09/09/16 18:57	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		09/08/16 07:22	09/09/16 18:57	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		09/08/16 07:22	09/09/16 18:57	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		09/08/16 07:22	09/09/16 18:57	1
Hexachloroethane	ND		4.6	0.55	ug/L		09/08/16 07:22	09/09/16 18:57	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.44	ug/L		09/08/16 07:22	09/09/16 18:57	1
Isophorone	ND		4.6	0.40	ug/L		09/08/16 07:22	09/09/16 18:57	1
Naphthalene	ND		4.6	0.71	ug/L		09/08/16 07:22	09/09/16 18:57	1
Nitrobenzene	ND		4.6	0.27	ug/L		09/08/16 07:22	09/09/16 18:57	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		09/08/16 07:22	09/09/16 18:57	1
N-Nitrosodiphenylamine	**0.49**	**J**	4.6	0.47	ug/L		09/08/16 07:22	09/09/16 18:57	1
Pentachlorophenol	ND		9.3	2.0	ug/L		09/08/16 07:22	09/09/16 18:57	1
Phenanthrene	ND		4.6	0.41	ug/L		09/08/16 07:22	09/09/16 18:57	1
Phenol	ND		4.6	0.36	ug/L		09/08/16 07:22	09/09/16 18:57	1
Pyrene	ND		4.6	0.32	ug/L		09/08/16 07:22	09/09/16 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*70*		*52 - 132*	*09/08/16 07:22*	*09/09/16 18:57*	*1*
2-Fluorobiphenyl	*52*		*48 - 120*	*09/08/16 07:22*	*09/09/16 18:57*	*1*
2-Fluorophenol	*33*		*20 - 120*	*09/08/16 07:22*	*09/09/16 18:57*	*1*
Nitrobenzene-d5	*49*		*46 - 120*	*09/08/16 07:22*	*09/09/16 18:57*	*1*
Phenol-d5	*24*		*16 - 120*	*09/08/16 07:22*	*09/09/16 18:57*	*1*
p-Terphenyl-d14	*50*	*X*	*67 - 150*	*09/08/16 07:22*	*09/09/16 18:57*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.50**		0.20	0.060	mg/L		09/08/16 09:36	09/09/16 15:28	1
Antimony	ND		0.020	0.0068	mg/L		09/08/16 09:36	09/09/16 15:28	1
Arsenic	ND		0.015	0.0056	mg/L		09/08/16 09:36	09/09/16 15:28	1
Barium	**0.20**		0.0020	0.00070	mg/L		09/08/16 09:36	09/09/16 15:28	1
Beryllium	ND		0.0020	0.00030	mg/L		09/08/16 09:36	09/09/16 15:28	1
Cadmium	**0.00070**	**J**	0.0020	0.00050	mg/L		09/08/16 09:36	09/09/16 15:28	1
Calcium	**266**		0.50	0.10	mg/L		09/08/16 09:36	09/09/16 15:28	1
Chromium	**0.0013**	**J**	0.0040	0.0010	mg/L		09/08/16 09:36	09/09/16 15:28	1
Cobalt	ND		0.0040	0.00063	mg/L		09/08/16 09:36	09/09/16 15:28	1
Copper	**0.020**		0.010	0.0016	mg/L		09/08/16 09:36	09/09/16 15:28	1
Iron	**7.4**		0.050	0.019	mg/L		09/08/16 09:36	09/09/16 15:28	1
Lead	**0.0065**	**J**	0.010	0.0030	mg/L		09/08/16 09:36	09/09/16 15:28	1
Magnesium	**31.7**		0.20	0.043	mg/L		09/08/16 09:36	09/09/16 15:28	1
Manganese	**1.5**		0.0030	0.00040	mg/L		09/08/16 09:36	09/09/16 15:28	1
Nickel	**0.0014**	**J**	0.010	0.0013	mg/L		09/08/16 09:36	09/09/16 15:28	1
Potassium	**10.3**		0.50	0.10	mg/L		09/08/16 09:36	09/09/16 15:28	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C MW-C04_0916

Lab Sample ID: 480-105539-3

Date Collected: 09/07/16 11:45

Matrix: Ground Water

Date Received: 09/07/16 16:10

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/08/16 09:36	09/09/16 15:28	1
Silver	ND		0.0060	0.0017	mg/L		09/08/16 09:36	09/09/16 15:28	1
Sodium	**44.7**		1.0	0.32	mg/L		09/08/16 09:36	09/09/16 15:28	1
Thallium	ND		0.020	0.010	mg/L		09/08/16 09:36	09/09/16 15:28	1
Vanadium	**0.0015**	**J**	0.0050	0.0015	mg/L		09/08/16 09:36	09/09/16 15:28	1
Zinc	**0.027**		0.010	0.0015	mg/L		09/08/16 09:36	09/09/16 15:28	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00014**	**J**	0.00020	0.00012	mg/L		09/09/16 10:15	09/09/16 13:18	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C RFI-20_0916

Lab Sample ID: 480-105539-4

Date Collected: 09/07/16 09:40
Matrix: Ground Water
Date Received: 09/07/16 16:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/08/16 15:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/08/16 15:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/08/16 15:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/08/16 15:08	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/08/16 15:08	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/08/16 15:08	1
1,2,4-Trichlorobenzene	**2.7**		1.0	0.41	ug/L			09/08/16 15:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/08/16 15:08	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/08/16 15:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/08/16 15:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/08/16 15:08	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/08/16 15:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/08/16 15:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/08/16 15:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/08/16 15:08	1
2-Hexanone	ND		5.0	1.2	ug/L			09/08/16 15:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/08/16 15:08	1
Acetone	ND		10	3.0	ug/L			09/08/16 15:08	1
Benzene	ND		1.0	0.41	ug/L			09/08/16 15:08	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/08/16 15:08	1
Bromoform	ND		1.0	0.26	ug/L			09/08/16 15:08	1
Bromomethane	ND		1.0	0.69	ug/L			09/08/16 15:08	1
Carbon disulfide	**0.28**	**J**	1.0	0.19	ug/L			09/08/16 15:08	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/08/16 15:08	1
Chlorobenzene	**24**		1.0	0.75	ug/L			09/08/16 15:08	1
Chloroethane	ND		1.0	0.32	ug/L			09/08/16 15:08	1
Chloroform	ND		1.0	0.34	ug/L			09/08/16 15:08	1
Chloromethane	ND		1.0	0.35	ug/L			09/08/16 15:08	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/08/16 15:08	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/08/16 15:08	1
Cyclohexane	ND		1.0	0.18	ug/L			09/08/16 15:08	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/08/16 15:08	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/08/16 15:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/08/16 15:08	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/08/16 15:08	1
Methyl acetate	ND		2.5	1.3	ug/L			09/08/16 15:08	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/08/16 15:08	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/08/16 15:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/08/16 15:08	1
Styrene	ND		1.0	0.73	ug/L			09/08/16 15:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/08/16 15:08	1
Toluene	ND		1.0	0.51	ug/L			09/08/16 15:08	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/08/16 15:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/08/16 15:08	1
Trichloroethene	ND		1.0	0.46	ug/L			09/08/16 15:08	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/08/16 15:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/08/16 15:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/08/16 15:08	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C RFI-20_0916

Lab Sample ID: 480-105539-4

Date Collected: 09/07/16 09:40
Matrix: Ground Water
Date Received: 09/07/16 16:10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*09/08/16 15:08*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*09/08/16 15:08*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*09/08/16 15:08*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*09/08/16 15:08*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		09/08/16 07:22	09/09/16 19:26	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		09/08/16 07:22	09/09/16 19:26	1
2,4-Dichlorophenol	ND	F2	4.8	0.49	ug/L		09/08/16 07:22	09/09/16 19:26	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		09/08/16 07:22	09/09/16 19:26	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		09/08/16 07:22	09/09/16 19:26	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		09/08/16 07:22	09/09/16 19:26	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		09/08/16 07:22	09/09/16 19:26	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		09/08/16 07:22	09/09/16 19:26	1
2-Chlorophenol	ND	F2	4.8	0.51	ug/L		09/08/16 07:22	09/09/16 19:26	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		09/08/16 07:22	09/09/16 19:26	1
2-Methylphenol	ND		4.8	0.38	ug/L		09/08/16 07:22	09/09/16 19:26	1
2-Nitroaniline	ND		9.6	0.40	ug/L		09/08/16 07:22	09/09/16 19:26	1
2-Nitrophenol	ND	F2	4.8	0.46	ug/L		09/08/16 07:22	09/09/16 19:26	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		09/08/16 07:22	09/09/16 19:26	1
3-Nitroaniline	ND		9.6	0.46	ug/L		09/08/16 07:22	09/09/16 19:26	1
4,6-Dinitro-2-methylphenol	ND	F2	9.6	2.1	ug/L		09/08/16 07:22	09/09/16 19:26	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		09/08/16 07:22	09/09/16 19:26	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		09/08/16 07:22	09/09/16 19:26	1
4-Chloroaniline	ND	F1	4.8	0.57	ug/L		09/08/16 07:22	09/09/16 19:26	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		09/08/16 07:22	09/09/16 19:26	1
4-Methylphenol	ND		9.6	0.35	ug/L		09/08/16 07:22	09/09/16 19:26	1
4-Nitroaniline	ND		9.6	0.24	ug/L		09/08/16 07:22	09/09/16 19:26	1
4-Nitrophenol	ND	* F1	9.6	1.5	ug/L		09/08/16 07:22	09/09/16 19:26	1
Acenaphthene	ND		4.8	0.39	ug/L		09/08/16 07:22	09/09/16 19:26	1
Acenaphthylene	ND		4.8	0.36	ug/L		09/08/16 07:22	09/09/16 19:26	1
Acetophenone	ND	F2	4.8	0.52	ug/L		09/08/16 07:22	09/09/16 19:26	1
Aniline	ND	F1	9.6	0.58	ug/L		09/08/16 07:22	09/09/16 19:26	1
Anthracene	ND		4.8	0.27	ug/L		09/08/16 07:22	09/09/16 19:26	1
Atrazine	ND		4.8	0.44	ug/L		09/08/16 07:22	09/09/16 19:26	1
Benzaldehyde	ND	F1 F2	4.8	0.26	ug/L		09/08/16 07:22	09/09/16 19:26	1
Benzo(a)anthracene	ND		4.8	0.35	ug/L		09/08/16 07:22	09/09/16 19:26	1
Benzo(a)pyrene	ND	F1	4.8	0.45	ug/L		09/08/16 07:22	09/09/16 19:26	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		09/08/16 07:22	09/09/16 19:26	1
Benzo(g,h,i)perylene	ND	F1	4.8	0.34	ug/L		09/08/16 07:22	09/09/16 19:26	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		09/08/16 07:22	09/09/16 19:26	1
Biphenyl	ND		4.8	0.63	ug/L		09/08/16 07:22	09/09/16 19:26	1
bis (2-chloroisopropyl) ether	ND	F2	4.8	0.50	ug/L		09/08/16 07:22	09/09/16 19:26	1
Bis(2-chloroethoxy)methane	ND	F2	4.8	0.34	ug/L		09/08/16 07:22	09/09/16 19:26	1
Bis(2-chloroethyl)ether	ND	F1 F2	4.8	0.38	ug/L		09/08/16 07:22	09/09/16 19:26	1
Bis(2-ethylhexyl) phthalate	ND		4.8	2.1	ug/L		09/08/16 07:22	09/09/16 19:26	1
Butyl benzyl phthalate	ND		4.8	0.96	ug/L		09/08/16 07:22	09/09/16 19:26	1
Caprolactam	ND	F1 F2	4.8	2.1	ug/L		09/08/16 07:22	09/09/16 19:26	1
Carbazole	ND		4.8	0.29	ug/L		09/08/16 07:22	09/09/16 19:26	1

Client Sample ID: BCC Area C RFI-20_0916

Lab Sample ID: 480-105539-4

Date Collected: 09/07/16 09:40

Matrix: Ground Water

Date Received: 09/07/16 16:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND	F1	4.8	0.32	ug/L		09/08/16 07:22	09/09/16 19:26	1
Dibenz(a,h)anthracene	ND	F1	4.8	0.40	ug/L		09/08/16 07:22	09/09/16 19:26	1
Dibenzofuran	ND		9.6	0.49	ug/L		09/08/16 07:22	09/09/16 19:26	1
Diethyl phthalate	ND		4.8	0.21	ug/L		09/08/16 07:22	09/09/16 19:26	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		09/08/16 07:22	09/09/16 19:26	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		09/08/16 07:22	09/09/16 19:26	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		09/08/16 07:22	09/09/16 19:26	1
Fluoranthene	ND		4.8	0.38	ug/L		09/08/16 07:22	09/09/16 19:26	1
Fluorene	ND		4.8	0.35	ug/L		09/08/16 07:22	09/09/16 19:26	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		09/08/16 07:22	09/09/16 19:26	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		09/08/16 07:22	09/09/16 19:26	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		09/08/16 07:22	09/09/16 19:26	1
Hexachloroethane	ND		4.8	0.57	ug/L		09/08/16 07:22	09/09/16 19:26	1
Indeno(1,2,3-cd)pyrene	ND	F1	4.8	0.45	ug/L		09/08/16 07:22	09/09/16 19:26	1
Isophorone	ND	F2	4.8	0.41	ug/L		09/08/16 07:22	09/09/16 19:26	1
Naphthalene	ND	F2	4.8	0.73	ug/L		09/08/16 07:22	09/09/16 19:26	1
Nitrobenzene	ND	F2	4.8	0.28	ug/L		09/08/16 07:22	09/09/16 19:26	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		09/08/16 07:22	09/09/16 19:26	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		09/08/16 07:22	09/09/16 19:26	1
Pentachlorophenol	ND		9.6	2.1	ug/L		09/08/16 07:22	09/09/16 19:26	1
Phenanthrene	ND		4.8	0.42	ug/L		09/08/16 07:22	09/09/16 19:26	1
Phenol	ND		4.8	0.37	ug/L		09/08/16 07:22	09/09/16 19:26	1
Pyrene	ND		4.8	0.33	ug/L		09/08/16 07:22	09/09/16 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*109*		*52 - 132*	*09/08/16 07:22*	*09/09/16 19:26*	*1*
2-Fluorobiphenyl	*75*		*48 - 120*	*09/08/16 07:22*	*09/09/16 19:26*	*1*
2-Fluorophenol	*54*		*20 - 120*	*09/08/16 07:22*	*09/09/16 19:26*	*1*
Nitrobenzene-d5	*75*		*46 - 120*	*09/08/16 07:22*	*09/09/16 19:26*	*1*
Phenol-d5	*40*		*16 - 120*	*09/08/16 07:22*	*09/09/16 19:26*	*1*
p-Terphenyl-d14	*86*		*67 - 150*	*09/08/16 07:22*	*09/09/16 19:26*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/08/16 09:36	09/09/16 15:32	1
Antimony	ND		0.020	0.0068	mg/L		09/08/16 09:36	09/09/16 15:32	1
Arsenic	**0.016**		0.015	0.0056	mg/L		09/08/16 09:36	09/09/16 15:32	1
Barium	**0.042**		0.0020	0.00070	mg/L		09/08/16 09:36	09/09/16 15:32	1
Beryllium	ND		0.0020	0.00030	mg/L		09/08/16 09:36	09/09/16 15:32	1
Cadmium	ND		0.0020	0.00050	mg/L		09/08/16 09:36	09/09/16 15:32	1
Calcium	**221**		0.50	0.10	mg/L		09/08/16 09:36	09/09/16 15:32	1
Chromium	**0.0017**	**J**	0.0040	0.0010	mg/L		09/08/16 09:36	09/09/16 15:32	1
Cobalt	ND		0.0040	0.00063	mg/L		09/08/16 09:36	09/09/16 15:32	1
Copper	ND		0.010	0.0016	mg/L		09/08/16 09:36	09/09/16 15:32	1
Iron	**9.6**		0.050	0.019	mg/L		09/08/16 09:36	09/09/16 15:32	1
Lead	**0.0042**	**J**	0.010	0.0030	mg/L		09/08/16 09:36	09/09/16 15:32	1
Magnesium	**20.5**		0.20	0.043	mg/L		09/08/16 09:36	09/09/16 15:32	1
Manganese	**0.47**	**F1**	0.0030	0.00040	mg/L		09/08/16 09:36	09/09/16 15:32	1
Nickel	**0.0040**	**J**	0.010	0.0013	mg/L		09/08/16 09:36	09/09/16 15:32	1
Potassium	**11.5**		0.50	0.10	mg/L		09/08/16 09:36	09/09/16 15:32	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C RFI-20_0916

Lab Sample ID: 480-105539-4

Date Collected: 09/07/16 09:40

Matrix: Ground Water

Date Received: 09/07/16 16:10

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/08/16 09:36	09/09/16 15:32	1
Silver	ND		0.0060	0.0017	mg/L		09/08/16 09:36	09/09/16 15:32	1
Sodium	**34.2**		1.0	0.32	mg/L		09/08/16 09:36	09/09/16 15:32	1
Thallium	ND		0.020	0.010	mg/L		09/08/16 09:36	09/09/16 15:32	1
Vanadium	ND		0.0050	0.0015	mg/L		09/08/16 09:36	09/09/16 15:32	1
Zinc	**0.0061**	**J**	0.010	0.0015	mg/L		09/08/16 09:36	09/09/16 15:32	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/08/16 07:50	09/08/16 12:28	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C PS-05A_0916

Lab Sample ID: 480-105539-5

Date Collected: 09/07/16 15:00

Matrix: Ground Water

Date Received: 09/07/16 16:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			09/09/16 12:17	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			09/09/16 12:17	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			09/09/16 12:17	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			09/09/16 12:17	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			09/09/16 12:17	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			09/09/16 12:17	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			09/09/16 12:17	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			09/09/16 12:17	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			09/09/16 12:17	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			09/09/16 12:17	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			09/09/16 12:17	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			09/09/16 12:17	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			09/09/16 12:17	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			09/09/16 12:17	2
2-Butanone (MEK)	ND		20	2.6	ug/L			09/09/16 12:17	2
2-Hexanone	ND		10	2.5	ug/L			09/09/16 12:17	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			09/09/16 12:17	2
Acetone	**7.6**	**J**	20	6.0	ug/L			09/09/16 12:17	2
Benzene	ND		2.0	0.82	ug/L			09/09/16 12:17	2
Bromodichloromethane	ND		2.0	0.78	ug/L			09/09/16 12:17	2
Bromoform	ND		2.0	0.52	ug/L			09/09/16 12:17	2
Bromomethane	ND		2.0	1.4	ug/L			09/09/16 12:17	2
Carbon disulfide	ND		2.0	0.38	ug/L			09/09/16 12:17	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			09/09/16 12:17	2
Chlorobenzene	**92**		2.0	1.5	ug/L			09/09/16 12:17	2
Chloroethane	ND		2.0	0.64	ug/L			09/09/16 12:17	2
Chloroform	ND		2.0	0.68	ug/L			09/09/16 12:17	2
Chloromethane	ND		2.0	0.70	ug/L			09/09/16 12:17	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			09/09/16 12:17	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			09/09/16 12:17	2
Cyclohexane	ND		2.0	0.36	ug/L			09/09/16 12:17	2
Dibromochloromethane	ND		2.0	0.64	ug/L			09/09/16 12:17	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			09/09/16 12:17	2
Ethylbenzene	ND		2.0	1.5	ug/L			09/09/16 12:17	2
Isopropylbenzene	ND		2.0	1.6	ug/L			09/09/16 12:17	2
Methyl acetate	ND		5.0	2.6	ug/L			09/09/16 12:17	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			09/09/16 12:17	2
Methylcyclohexane	ND		2.0	0.32	ug/L			09/09/16 12:17	2
Methylene Chloride	**3.3**		2.0	0.88	ug/L			09/09/16 12:17	2
Styrene	ND		2.0	1.5	ug/L			09/09/16 12:17	2
Tetrachloroethene	ND		2.0	0.72	ug/L			09/09/16 12:17	2
Toluene	ND		2.0	1.0	ug/L			09/09/16 12:17	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			09/09/16 12:17	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			09/09/16 12:17	2
Trichloroethene	ND		2.0	0.92	ug/L			09/09/16 12:17	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			09/09/16 12:17	2
Vinyl chloride	ND		2.0	1.8	ug/L			09/09/16 12:17	2
Xylenes, Total	ND		4.0	1.3	ug/L			09/09/16 12:17	2

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C PS-05A_0916

Lab Sample ID: 480-105539-5

Date Collected: 09/07/16 15:00
Matrix: Ground Water
Date Received: 09/07/16 16:10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*77 - 120*		*09/09/16 12:17*	*2*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*09/09/16 12:17*	*2*
Toluene-d8 (Surr)	*94*		*80 - 120*		*09/09/16 12:17*	*2*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*09/09/16 12:17*	*2*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/08/16 07:22	09/09/16 19:54	1
2,4,6-Trichlorophenol	ND		5.0	0.60	ug/L		09/08/16 07:22	09/09/16 19:54	1
2,4-Dichlorophenol	ND		5.0	0.50	ug/L		09/08/16 07:22	09/09/16 19:54	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/08/16 07:22	09/09/16 19:54	1
2,4-Dinitrophenol	ND		9.9	2.2	ug/L		09/08/16 07:22	09/09/16 19:54	1
2,4-Dinitrotoluene	ND		5.0	0.44	ug/L		09/08/16 07:22	09/09/16 19:54	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/08/16 07:22	09/09/16 19:54	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/08/16 07:22	09/09/16 19:54	1
2-Chlorophenol	**0.53**	**J**	5.0	0.52	ug/L		09/08/16 07:22	09/09/16 19:54	1
2-Methylnaphthalene	ND		5.0	0.59	ug/L		09/08/16 07:22	09/09/16 19:54	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/08/16 07:22	09/09/16 19:54	1
2-Nitroaniline	ND		9.9	0.42	ug/L		09/08/16 07:22	09/09/16 19:54	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/08/16 07:22	09/09/16 19:54	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/08/16 07:22	09/09/16 19:54	1
3-Nitroaniline	ND		9.9	0.48	ug/L		09/08/16 07:22	09/09/16 19:54	1
4,6-Dinitro-2-methylphenol	ND		9.9	2.2	ug/L		09/08/16 07:22	09/09/16 19:54	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/08/16 07:22	09/09/16 19:54	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/08/16 07:22	09/09/16 19:54	1
4-Chloroaniline	ND		5.0	0.58	ug/L		09/08/16 07:22	09/09/16 19:54	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/08/16 07:22	09/09/16 19:54	1
4-Methylphenol	ND		9.9	0.36	ug/L		09/08/16 07:22	09/09/16 19:54	1
4-Nitroaniline	ND		9.9	0.25	ug/L		09/08/16 07:22	09/09/16 19:54	1
4-Nitrophenol	ND	*	9.9	1.5	ug/L		09/08/16 07:22	09/09/16 19:54	1
Acenaphthene	ND		5.0	0.41	ug/L		09/08/16 07:22	09/09/16 19:54	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/08/16 07:22	09/09/16 19:54	1
Acetophenone	ND		5.0	0.53	ug/L		09/08/16 07:22	09/09/16 19:54	1
Aniline	ND		9.9	0.60	ug/L		09/08/16 07:22	09/09/16 19:54	1
Anthracene	ND		5.0	0.28	ug/L		09/08/16 07:22	09/09/16 19:54	1
Atrazine	ND		5.0	0.46	ug/L		09/08/16 07:22	09/09/16 19:54	1
Benzaldehyde	ND		5.0	0.26	ug/L		09/08/16 07:22	09/09/16 19:54	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/08/16 07:22	09/09/16 19:54	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/08/16 07:22	09/09/16 19:54	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/08/16 07:22	09/09/16 19:54	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/08/16 07:22	09/09/16 19:54	1
Benzo(k)fluoranthene	ND		5.0	0.72	ug/L		09/08/16 07:22	09/09/16 19:54	1
Biphenyl	ND		5.0	0.65	ug/L		09/08/16 07:22	09/09/16 19:54	1
bis (2-chloroisopropyl) ether	ND		5.0	0.51	ug/L		09/08/16 07:22	09/09/16 19:54	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/08/16 07:22	09/09/16 19:54	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/08/16 07:22	09/09/16 19:54	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/08/16 07:22	09/09/16 19:54	1
Butyl benzyl phthalate	ND		5.0	0.99	ug/L		09/08/16 07:22	09/09/16 19:54	1
Caprolactam	ND		5.0	2.2	ug/L		09/08/16 07:22	09/09/16 19:54	1
Carbazole	ND		5.0	0.30	ug/L		09/08/16 07:22	09/09/16 19:54	1

Client Sample ID: BCC Area C PS-05A_0916

Lab Sample ID: 480-105539-5

Date Collected: 09/07/16 15:00

Matrix: Ground Water

Date Received: 09/07/16 16:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		09/08/16 07:22	09/09/16 19:54	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/08/16 07:22	09/09/16 19:54	1
Dibenzofuran	ND		9.9	0.50	ug/L		09/08/16 07:22	09/09/16 19:54	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/08/16 07:22	09/09/16 19:54	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/08/16 07:22	09/09/16 19:54	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/08/16 07:22	09/09/16 19:54	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/08/16 07:22	09/09/16 19:54	1
Fluoranthene	ND		5.0	0.40	ug/L		09/08/16 07:22	09/09/16 19:54	1
Fluorene	ND		5.0	0.36	ug/L		09/08/16 07:22	09/09/16 19:54	1
Hexachlorobenzene	ND		5.0	0.50	ug/L		09/08/16 07:22	09/09/16 19:54	1
Hexachlorobutadiene	ND		5.0	0.67	ug/L		09/08/16 07:22	09/09/16 19:54	1
Hexachlorocyclopentadiene	ND		5.0	0.58	ug/L		09/08/16 07:22	09/09/16 19:54	1
Hexachloroethane	ND		5.0	0.58	ug/L		09/08/16 07:22	09/09/16 19:54	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/08/16 07:22	09/09/16 19:54	1
Isophorone	ND		5.0	0.43	ug/L		09/08/16 07:22	09/09/16 19:54	1
Naphthalene	ND		5.0	0.75	ug/L		09/08/16 07:22	09/09/16 19:54	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/08/16 07:22	09/09/16 19:54	1
N-Nitrosodi-n-propylamine	ND		5.0	0.53	ug/L		09/08/16 07:22	09/09/16 19:54	1
N-Nitrosodiphenylamine	ND		5.0	0.50	ug/L		09/08/16 07:22	09/09/16 19:54	1
Pentachlorophenol	ND		9.9	2.2	ug/L		09/08/16 07:22	09/09/16 19:54	1
Phenanthrene	ND		5.0	0.44	ug/L		09/08/16 07:22	09/09/16 19:54	1
Phenol	ND		5.0	0.39	ug/L		09/08/16 07:22	09/09/16 19:54	1
Pyrene	ND		5.0	0.34	ug/L		09/08/16 07:22	09/09/16 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*97*		*52 - 132*	*09/08/16 07:22*	*09/09/16 19:54*	*1*
2-Fluorobiphenyl	*64*		*48 - 120*	*09/08/16 07:22*	*09/09/16 19:54*	*1*
2-Fluorophenol	*42*		*20 - 120*	*09/08/16 07:22*	*09/09/16 19:54*	*1*
Nitrobenzene-d5	*58*		*46 - 120*	*09/08/16 07:22*	*09/09/16 19:54*	*1*
Phenol-d5	*33*		*16 - 120*	*09/08/16 07:22*	*09/09/16 19:54*	*1*
p-Terphenyl-d14	*74*		*67 - 150*	*09/08/16 07:22*	*09/09/16 19:54*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.9**		0.20	0.060	mg/L		09/08/16 09:36	09/09/16 15:52	1
Antimony	ND		0.020	0.0068	mg/L		09/08/16 09:36	09/09/16 15:52	1
Arsenic	**0.015**		0.015	0.0056	mg/L		09/08/16 09:36	09/09/16 15:52	1
Barium	**0.038**		0.0020	0.00070	mg/L		09/08/16 09:36	09/09/16 15:52	1
Beryllium	ND		0.0020	0.00030	mg/L		09/08/16 09:36	09/09/16 15:52	1
Cadmium	**0.00064**	**J**	0.0020	0.00050	mg/L		09/08/16 09:36	09/09/16 15:52	1
Calcium	**480**		0.50	0.10	mg/L		09/08/16 09:36	09/09/16 15:52	1
Chromium	**0.0030**	**J**	0.0040	0.0010	mg/L		09/08/16 09:36	09/09/16 15:52	1
Cobalt	**0.00097**	**J**	0.0040	0.00063	mg/L		09/08/16 09:36	09/09/16 15:52	1
Copper	**0.012**		0.010	0.0016	mg/L		09/08/16 09:36	09/09/16 15:52	1
Iron	**7.8**		0.050	0.019	mg/L		09/08/16 09:36	09/09/16 15:52	1
Lead	**0.0078**	**J**	0.010	0.0030	mg/L		09/08/16 09:36	09/09/16 15:52	1
Magnesium	**66.3**		0.20	0.043	mg/L		09/08/16 09:36	09/09/16 15:52	1
Manganese	**0.46**		0.0030	0.00040	mg/L		09/08/16 09:36	09/09/16 15:52	1
Nickel	**0.0020**	**J**	0.010	0.0013	mg/L		09/08/16 09:36	09/09/16 15:52	1
Potassium	**2.0**		0.50	0.10	mg/L		09/08/16 09:36	09/09/16 15:52	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C PS-05A_0916

Lab Sample ID: 480-105539-5

Date Collected: 09/07/16 15:00

Matrix: Ground Water

Date Received: 09/07/16 16:10

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/08/16 09:36	09/09/16 15:52	1
Silver	ND		0.0060	0.0017	mg/L		09/08/16 09:36	09/09/16 15:52	1
Sodium	**259**		1.0	0.32	mg/L		09/08/16 09:36	09/09/16 15:52	1
Thallium	ND		0.020	0.010	mg/L		09/08/16 09:36	09/09/16 15:52	1
Vanadium	**0.0043**	**J**	0.0050	0.0015	mg/L		09/08/16 09:36	09/09/16 15:52	1
Zinc	**0.043**		0.010	0.0015	mg/L		09/08/16 09:36	09/09/16 15:52	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/08/16 07:50	09/08/16 12:40	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C PS-06_0916

Lab Sample ID: 480-105539-6

Date Collected: 09/07/16 08:20

Matrix: Ground Water

Date Received: 09/07/16 16:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			09/08/16 15:57	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			09/08/16 15:57	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			09/08/16 15:57	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			09/08/16 15:57	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			09/08/16 15:57	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			09/08/16 15:57	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			09/08/16 15:57	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			09/08/16 15:57	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			09/08/16 15:57	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			09/08/16 15:57	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			09/08/16 15:57	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			09/08/16 15:57	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			09/08/16 15:57	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			09/08/16 15:57	5
2-Butanone (MEK)	ND		50	6.6	ug/L			09/08/16 15:57	5
2-Hexanone	ND		25	6.2	ug/L			09/08/16 15:57	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			09/08/16 15:57	5
Acetone	ND		50	15	ug/L			09/08/16 15:57	5
Benzene	ND		5.0	2.1	ug/L			09/08/16 15:57	5
Bromodichloromethane	ND		5.0	2.0	ug/L			09/08/16 15:57	5
Bromoform	ND		5.0	1.3	ug/L			09/08/16 15:57	5
Bromomethane	ND		5.0	3.5	ug/L			09/08/16 15:57	5
Carbon disulfide	ND		5.0	0.95	ug/L			09/08/16 15:57	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			09/08/16 15:57	5
Chlorobenzene	ND		5.0	3.8	ug/L			09/08/16 15:57	5
Chloroethane	ND		5.0	1.6	ug/L			09/08/16 15:57	5
Chloroform	ND		5.0	1.7	ug/L			09/08/16 15:57	5
Chloromethane	ND		5.0	1.8	ug/L			09/08/16 15:57	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			09/08/16 15:57	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			09/08/16 15:57	5
Cyclohexane	ND		5.0	0.90	ug/L			09/08/16 15:57	5
Dibromochloromethane	ND		5.0	1.6	ug/L			09/08/16 15:57	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			09/08/16 15:57	5
Ethylbenzene	ND		5.0	3.7	ug/L			09/08/16 15:57	5
Isopropylbenzene	ND		5.0	4.0	ug/L			09/08/16 15:57	5
Methyl acetate	ND		13	6.5	ug/L			09/08/16 15:57	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			09/08/16 15:57	5
Methylcyclohexane	ND		5.0	0.80	ug/L			09/08/16 15:57	5
Methylene Chloride	ND		5.0	2.2	ug/L			09/08/16 15:57	5
Styrene	ND		5.0	3.7	ug/L			09/08/16 15:57	5
Tetrachloroethene	ND		5.0	1.8	ug/L			09/08/16 15:57	5
Toluene	ND		5.0	2.6	ug/L			09/08/16 15:57	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			09/08/16 15:57	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			09/08/16 15:57	5
Trichloroethene	ND		5.0	2.3	ug/L			09/08/16 15:57	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			09/08/16 15:57	5
Vinyl chloride	ND		5.0	4.5	ug/L			09/08/16 15:57	5
Xylenes, Total	ND		10	3.3	ug/L			09/08/16 15:57	5

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C PS-06_0916

Lab Sample ID: 480-105539-6

Date Collected: 09/07/16 08:20

Matrix: Ground Water

Date Received: 09/07/16 16:10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*		*09/08/16 15:57*	*5*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*09/08/16 15:57*	*5*
Toluene-d8 (Surr)	*97*		*80 - 120*		*09/08/16 15:57*	*5*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*09/08/16 15:57*	*5*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.9	0.47	ug/L		09/08/16 07:22	09/09/16 20:23	1
2,4,6-Trichlorophenol	ND		4.9	0.59	ug/L		09/08/16 07:22	09/09/16 20:23	1
2,4-Dichlorophenol	ND		4.9	0.50	ug/L		09/08/16 07:22	09/09/16 20:23	1
2,4-Dimethylphenol	ND		4.9	0.49	ug/L		09/08/16 07:22	09/09/16 20:23	1
2,4-Dinitrophenol	ND		9.7	2.2	ug/L		09/08/16 07:22	09/09/16 20:23	1
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L		09/08/16 07:22	09/09/16 20:23	1
2,6-Dinitrotoluene	ND		4.9	0.39	ug/L		09/08/16 07:22	09/09/16 20:23	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		09/08/16 07:22	09/09/16 20:23	1
2-Chlorophenol	ND		4.9	0.52	ug/L		09/08/16 07:22	09/09/16 20:23	1
2-Methylnaphthalene	ND		4.9	0.58	ug/L		09/08/16 07:22	09/09/16 20:23	1
2-Methylphenol	ND		4.9	0.39	ug/L		09/08/16 07:22	09/09/16 20:23	1
2-Nitroaniline	ND		9.7	0.41	ug/L		09/08/16 07:22	09/09/16 20:23	1
2-Nitrophenol	ND		4.9	0.47	ug/L		09/08/16 07:22	09/09/16 20:23	1
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L		09/08/16 07:22	09/09/16 20:23	1
3-Nitroaniline	ND		9.7	0.47	ug/L		09/08/16 07:22	09/09/16 20:23	1
4,6-Dinitro-2-methylphenol	ND		9.7	2.1	ug/L		09/08/16 07:22	09/09/16 20:23	1
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L		09/08/16 07:22	09/09/16 20:23	1
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L		09/08/16 07:22	09/09/16 20:23	1
4-Chloroaniline	ND		4.9	0.57	ug/L		09/08/16 07:22	09/09/16 20:23	1
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L		09/08/16 07:22	09/09/16 20:23	1
4-Methylphenol	ND		9.7	0.35	ug/L		09/08/16 07:22	09/09/16 20:23	1
4-Nitroaniline	ND		9.7	0.24	ug/L		09/08/16 07:22	09/09/16 20:23	1
4-Nitrophenol	ND	*	9.7	1.5	ug/L		09/08/16 07:22	09/09/16 20:23	1
Acenaphthene	ND		4.9	0.40	ug/L		09/08/16 07:22	09/09/16 20:23	1
Acenaphthylene	ND		4.9	0.37	ug/L		09/08/16 07:22	09/09/16 20:23	1
Acetophenone	ND		4.9	0.53	ug/L		09/08/16 07:22	09/09/16 20:23	1
Aniline	ND		9.7	0.59	ug/L		09/08/16 07:22	09/09/16 20:23	1
Anthracene	ND		4.9	0.27	ug/L		09/08/16 07:22	09/09/16 20:23	1
Atrazine	ND		4.9	0.45	ug/L		09/08/16 07:22	09/09/16 20:23	1
Benzaldehyde	ND		4.9	0.26	ug/L		09/08/16 07:22	09/09/16 20:23	1
Benzo(a)anthracene	ND		4.9	0.35	ug/L		09/08/16 07:22	09/09/16 20:23	1
Benzo(a)pyrene	ND		4.9	0.46	ug/L		09/08/16 07:22	09/09/16 20:23	1
Benzo(b)fluoranthene	ND		4.9	0.33	ug/L		09/08/16 07:22	09/09/16 20:23	1
Benzo(g,h,i)perylene	ND		4.9	0.34	ug/L		09/08/16 07:22	09/09/16 20:23	1
Benzo(k)fluoranthene	ND		4.9	0.71	ug/L		09/08/16 07:22	09/09/16 20:23	1
Biphenyl	ND		4.9	0.64	ug/L		09/08/16 07:22	09/09/16 20:23	1
bis (2-chloroisopropyl) ether	ND		4.9	0.51	ug/L		09/08/16 07:22	09/09/16 20:23	1
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L		09/08/16 07:22	09/09/16 20:23	1
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L		09/08/16 07:22	09/09/16 20:23	1
Bis(2-ethylhexyl) phthalate	ND		4.9	2.1	ug/L		09/08/16 07:22	09/09/16 20:23	1
Butyl benzyl phthalate	ND		4.9	0.97	ug/L		09/08/16 07:22	09/09/16 20:23	1
Caprolactam	ND		4.9	2.1	ug/L		09/08/16 07:22	09/09/16 20:23	1
Carbazole	ND		4.9	0.29	ug/L		09/08/16 07:22	09/09/16 20:23	1

Client Sample ID: BCC Area C PS-06_0916

Lab Sample ID: 480-105539-6

Date Collected: 09/07/16 08:20

Matrix: Ground Water

Date Received: 09/07/16 16:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.9	0.32	ug/L		09/08/16 07:22	09/09/16 20:23	1
Dibenz(a,h)anthracene	ND		4.9	0.41	ug/L		09/08/16 07:22	09/09/16 20:23	1
Dibenzofuran	ND		9.7	0.50	ug/L		09/08/16 07:22	09/09/16 20:23	1
Diethyl phthalate	ND		4.9	0.21	ug/L		09/08/16 07:22	09/09/16 20:23	1
Dimethyl phthalate	ND		4.9	0.35	ug/L		09/08/16 07:22	09/09/16 20:23	1
Di-n-butyl phthalate	ND		4.9	0.30	ug/L		09/08/16 07:22	09/09/16 20:23	1
Di-n-octyl phthalate	ND		4.9	0.46	ug/L		09/08/16 07:22	09/09/16 20:23	1
Fluoranthene	ND		4.9	0.39	ug/L		09/08/16 07:22	09/09/16 20:23	1
Fluorene	ND		4.9	0.35	ug/L		09/08/16 07:22	09/09/16 20:23	1
Hexachlorobenzene	ND		4.9	0.50	ug/L		09/08/16 07:22	09/09/16 20:23	1
Hexachlorobutadiene	ND		4.9	0.66	ug/L		09/08/16 07:22	09/09/16 20:23	1
Hexachlorocyclopentadiene	ND		4.9	0.57	ug/L		09/08/16 07:22	09/09/16 20:23	1
Hexachloroethane	ND		4.9	0.57	ug/L		09/08/16 07:22	09/09/16 20:23	1
Indeno(1,2,3-cd)pyrene	ND		4.9	0.46	ug/L		09/08/16 07:22	09/09/16 20:23	1
Isophorone	ND		4.9	0.42	ug/L		09/08/16 07:22	09/09/16 20:23	1
Naphthalene	ND		4.9	0.74	ug/L		09/08/16 07:22	09/09/16 20:23	1
Nitrobenzene	ND		4.9	0.28	ug/L		09/08/16 07:22	09/09/16 20:23	1
N-Nitrosodi-n-propylamine	ND		4.9	0.53	ug/L		09/08/16 07:22	09/09/16 20:23	1
N-Nitrosodiphenylamine	ND		4.9	0.50	ug/L		09/08/16 07:22	09/09/16 20:23	1
Pentachlorophenol	ND		9.7	2.1	ug/L		09/08/16 07:22	09/09/16 20:23	1
Phenanthrene	ND		4.9	0.43	ug/L		09/08/16 07:22	09/09/16 20:23	1
Phenol	ND		4.9	0.38	ug/L		09/08/16 07:22	09/09/16 20:23	1
Pyrene	ND		4.9	0.33	ug/L		09/08/16 07:22	09/09/16 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*103*		*52 - 132*	*09/08/16 07:22*	*09/09/16 20:23*	*1*
2-Fluorobiphenyl	*73*		*48 - 120*	*09/08/16 07:22*	*09/09/16 20:23*	*1*
2-Fluorophenol	*51*		*20 - 120*	*09/08/16 07:22*	*09/09/16 20:23*	*1*
Nitrobenzene-d5	*70*		*46 - 120*	*09/08/16 07:22*	*09/09/16 20:23*	*1*
Phenol-d5	*38*		*16 - 120*	*09/08/16 07:22*	*09/09/16 20:23*	*1*
p-Terphenyl-d14	*69*		*67 - 150*	*09/08/16 07:22*	*09/09/16 20:23*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.1**		0.20	0.060	mg/L		09/08/16 09:36	09/09/16 15:55	1
Antimony	ND		0.020	0.0068	mg/L		09/08/16 09:36	09/09/16 15:55	1
Arsenic	**0.13**		0.015	0.0056	mg/L		09/08/16 09:36	09/09/16 15:55	1
Barium	**0.018**		0.0020	0.00070	mg/L		09/08/16 09:36	09/09/16 15:55	1
Beryllium	ND		0.0020	0.00030	mg/L		09/08/16 09:36	09/09/16 15:55	1
Cadmium	**0.00066**	**J**	0.0020	0.00050	mg/L		09/08/16 09:36	09/09/16 15:55	1
Calcium	**314**		0.50	0.10	mg/L		09/08/16 09:36	09/09/16 15:55	1
Chromium	**0.0023**	**J**	0.0040	0.0010	mg/L		09/08/16 09:36	09/09/16 15:55	1
Cobalt	**0.0014**	**J**	0.0040	0.00063	mg/L		09/08/16 09:36	09/09/16 15:55	1
Copper	**0.018**		0.010	0.0016	mg/L		09/08/16 09:36	09/09/16 15:55	1
Iron	**75.0**		0.050	0.019	mg/L		09/08/16 09:36	09/09/16 15:55	1
Lead	**0.0099**	**J**	0.010	0.0030	mg/L		09/08/16 09:36	09/09/16 15:55	1
Magnesium	**22.6**		0.20	0.043	mg/L		09/08/16 09:36	09/09/16 15:55	1
Manganese	**0.36**		0.0030	0.00040	mg/L		09/08/16 09:36	09/09/16 15:55	1
Nickel	**0.0029**	**J**	0.010	0.0013	mg/L		09/08/16 09:36	09/09/16 15:55	1
Potassium	**72.9**		0.50	0.10	mg/L		09/08/16 09:36	09/09/16 15:55	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C PS-06_0916

Lab Sample ID: 480-105539-6

Date Collected: 09/07/16 08:20

Matrix: Ground Water

Date Received: 09/07/16 16:10

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/08/16 09:36	09/09/16 15:55	1
Silver	ND		0.0060	0.0017	mg/L		09/08/16 09:36	09/09/16 15:55	1
Sodium	**180**		1.0	0.32	mg/L		09/08/16 09:36	09/09/16 15:55	1
Thallium	ND		0.020	0.010	mg/L		09/08/16 09:36	09/09/16 15:55	1
Vanadium	ND		0.0050	0.0015	mg/L		09/08/16 09:36	09/09/16 15:55	1
Zinc	**0.071**		0.010	0.0015	mg/L		09/08/16 09:36	09/09/16 15:55	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/08/16 07:50	09/08/16 12:42	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C RFI-20 D_0916

Lab Sample ID: 480-105539-7

Date Collected: 09/07/16 09:55
Matrix: Ground Water
Date Received: 09/07/16 16:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/09/16 01:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/09/16 01:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/09/16 01:26	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/09/16 01:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/09/16 01:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/09/16 01:26	1
1,2,4-Trichlorobenzene	**2.7**		1.0	0.41	ug/L			09/09/16 01:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/09/16 01:26	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/09/16 01:26	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/09/16 01:26	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/09/16 01:26	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/09/16 01:26	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/09/16 01:26	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/09/16 01:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/09/16 01:26	1
2-Hexanone	ND		5.0	1.2	ug/L			09/09/16 01:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/09/16 01:26	1
Acetone	**3.0**	**J**	10	3.0	ug/L			09/09/16 01:26	1
Benzene	ND		1.0	0.41	ug/L			09/09/16 01:26	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/09/16 01:26	1
Bromoform	ND		1.0	0.26	ug/L			09/09/16 01:26	1
Bromomethane	ND		1.0	0.69	ug/L			09/09/16 01:26	1
Carbon disulfide	**0.22**	**J**	1.0	0.19	ug/L			09/09/16 01:26	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/09/16 01:26	1
Chlorobenzene	**23**		1.0	0.75	ug/L			09/09/16 01:26	1
Chloroethane	ND		1.0	0.32	ug/L			09/09/16 01:26	1
Chloroform	ND		1.0	0.34	ug/L			09/09/16 01:26	1
Chloromethane	ND		1.0	0.35	ug/L			09/09/16 01:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/09/16 01:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/09/16 01:26	1
Cyclohexane	ND		1.0	0.18	ug/L			09/09/16 01:26	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/09/16 01:26	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/09/16 01:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/09/16 01:26	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/09/16 01:26	1
Methyl acetate	ND		2.5	1.3	ug/L			09/09/16 01:26	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/09/16 01:26	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/09/16 01:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/09/16 01:26	1
Styrene	ND		1.0	0.73	ug/L			09/09/16 01:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/09/16 01:26	1
Toluene	ND		1.0	0.51	ug/L			09/09/16 01:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/09/16 01:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/09/16 01:26	1
Trichloroethene	ND		1.0	0.46	ug/L			09/09/16 01:26	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/09/16 01:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/09/16 01:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/09/16 01:26	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C RFI-20 D_0916

Lab Sample ID: 480-105539-7

Date Collected: 09/07/16 09:55

Matrix: Ground Water

Date Received: 09/07/16 16:10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*		*09/09/16 01:26*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*09/09/16 01:26*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*09/09/16 01:26*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*09/09/16 01:26*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.6	0.44	ug/L		09/08/16 07:22	09/09/16 20:51	1
2,4,6-Trichlorophenol	ND		4.6	0.57	ug/L		09/08/16 07:22	09/09/16 20:51	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		09/08/16 07:22	09/09/16 20:51	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		09/08/16 07:22	09/09/16 20:51	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		09/08/16 07:22	09/09/16 20:51	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		09/08/16 07:22	09/09/16 20:51	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		09/08/16 07:22	09/09/16 20:51	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		09/08/16 07:22	09/09/16 20:51	1
2-Chlorophenol	ND		4.6	0.49	ug/L		09/08/16 07:22	09/09/16 20:51	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		09/08/16 07:22	09/09/16 20:51	1
2-Methylphenol	ND		4.6	0.37	ug/L		09/08/16 07:22	09/09/16 20:51	1
2-Nitroaniline	ND		9.3	0.39	ug/L		09/08/16 07:22	09/09/16 20:51	1
2-Nitrophenol	ND		4.6	0.44	ug/L		09/08/16 07:22	09/09/16 20:51	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		09/08/16 07:22	09/09/16 20:51	1
3-Nitroaniline	ND		9.3	0.44	ug/L		09/08/16 07:22	09/09/16 20:51	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		09/08/16 07:22	09/09/16 20:51	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		09/08/16 07:22	09/09/16 20:51	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		09/08/16 07:22	09/09/16 20:51	1
4-Chloroaniline	ND		4.6	0.55	ug/L		09/08/16 07:22	09/09/16 20:51	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		09/08/16 07:22	09/09/16 20:51	1
4-Methylphenol	ND		9.3	0.33	ug/L		09/08/16 07:22	09/09/16 20:51	1
4-Nitroaniline	ND		9.3	0.23	ug/L		09/08/16 07:22	09/09/16 20:51	1
4-Nitrophenol	ND	*	9.3	1.4	ug/L		09/08/16 07:22	09/09/16 20:51	1
Acenaphthene	ND		4.6	0.38	ug/L		09/08/16 07:22	09/09/16 20:51	1
Acenaphthylene	ND		4.6	0.35	ug/L		09/08/16 07:22	09/09/16 20:51	1
Acetophenone	ND		4.6	0.50	ug/L		09/08/16 07:22	09/09/16 20:51	1
Aniline	ND		9.3	0.57	ug/L		09/08/16 07:22	09/09/16 20:51	1
Anthracene	ND		4.6	0.26	ug/L		09/08/16 07:22	09/09/16 20:51	1
Atrazine	ND		4.6	0.43	ug/L		09/08/16 07:22	09/09/16 20:51	1
Benzaldehyde	ND		4.6	0.25	ug/L		09/08/16 07:22	09/09/16 20:51	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		09/08/16 07:22	09/09/16 20:51	1
Benzo(a)pyrene	ND		4.6	0.44	ug/L		09/08/16 07:22	09/09/16 20:51	1
Benzo(b)fluoranthene	ND		4.6	0.32	ug/L		09/08/16 07:22	09/09/16 20:51	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		09/08/16 07:22	09/09/16 20:51	1
Benzo(k)fluoranthene	ND		4.6	0.68	ug/L		09/08/16 07:22	09/09/16 20:51	1
Biphenyl	ND		4.6	0.61	ug/L		09/08/16 07:22	09/09/16 20:51	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		09/08/16 07:22	09/09/16 20:51	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		09/08/16 07:22	09/09/16 20:51	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		09/08/16 07:22	09/09/16 20:51	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		09/08/16 07:22	09/09/16 20:51	1
Butyl benzyl phthalate	ND		4.6	0.93	ug/L		09/08/16 07:22	09/09/16 20:51	1
Caprolactam	ND		4.6	2.0	ug/L		09/08/16 07:22	09/09/16 20:51	1
Carbazole	ND		4.6	0.28	ug/L		09/08/16 07:22	09/09/16 20:51	1

Client Sample ID: BCC Area C RFI-20 D_0916

Lab Sample ID: 480-105539-7

Date Collected: 09/07/16 09:55

Matrix: Ground Water

Date Received: 09/07/16 16:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.6	0.31	ug/L		09/08/16 07:22	09/09/16 20:51	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		09/08/16 07:22	09/09/16 20:51	1
Dibenzofuran	ND		9.3	0.47	ug/L		09/08/16 07:22	09/09/16 20:51	1
Diethyl phthalate	ND		4.6	0.20	ug/L		09/08/16 07:22	09/09/16 20:51	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		09/08/16 07:22	09/09/16 20:51	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		09/08/16 07:22	09/09/16 20:51	1
Di-n-octyl phthalate	ND		4.6	0.44	ug/L		09/08/16 07:22	09/09/16 20:51	1
Fluoranthene	ND		4.6	0.37	ug/L		09/08/16 07:22	09/09/16 20:51	1
Fluorene	ND		4.6	0.33	ug/L		09/08/16 07:22	09/09/16 20:51	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		09/08/16 07:22	09/09/16 20:51	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		09/08/16 07:22	09/09/16 20:51	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		09/08/16 07:22	09/09/16 20:51	1
Hexachloroethane	ND		4.6	0.55	ug/L		09/08/16 07:22	09/09/16 20:51	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.44	ug/L		09/08/16 07:22	09/09/16 20:51	1
Isophorone	ND		4.6	0.40	ug/L		09/08/16 07:22	09/09/16 20:51	1
Naphthalene	ND		4.6	0.70	ug/L		09/08/16 07:22	09/09/16 20:51	1
Nitrobenzene	ND		4.6	0.27	ug/L		09/08/16 07:22	09/09/16 20:51	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		09/08/16 07:22	09/09/16 20:51	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		09/08/16 07:22	09/09/16 20:51	1
Pentachlorophenol	ND		9.3	2.0	ug/L		09/08/16 07:22	09/09/16 20:51	1
Phenanthrene	ND		4.6	0.41	ug/L		09/08/16 07:22	09/09/16 20:51	1
Phenol	ND		4.6	0.36	ug/L		09/08/16 07:22	09/09/16 20:51	1
Pyrene	ND		4.6	0.32	ug/L		09/08/16 07:22	09/09/16 20:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*108*		*52 - 132*	*09/08/16 07:22*	*09/09/16 20:51*	*1*
2-Fluorobiphenyl	*70*		*48 - 120*	*09/08/16 07:22*	*09/09/16 20:51*	*1*
2-Fluorophenol	*45*		*20 - 120*	*09/08/16 07:22*	*09/09/16 20:51*	*1*
Nitrobenzene-d5	*64*		*46 - 120*	*09/08/16 07:22*	*09/09/16 20:51*	*1*
Phenol-d5	*33*		*16 - 120*	*09/08/16 07:22*	*09/09/16 20:51*	*1*
p-Terphenyl-d14	*81*		*67 - 150*	*09/08/16 07:22*	*09/09/16 20:51*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/08/16 09:36	09/09/16 15:59	1
Antimony	ND		0.020	0.0068	mg/L		09/08/16 09:36	09/09/16 15:59	1
Arsenic	**0.016**		0.015	0.0056	mg/L		09/08/16 09:36	09/09/16 15:59	1
Barium	**0.040**		0.0020	0.00070	mg/L		09/08/16 09:36	09/09/16 15:59	1
Beryllium	ND		0.0020	0.00030	mg/L		09/08/16 09:36	09/09/16 15:59	1
Cadmium	**0.00054**	**J**	0.0020	0.00050	mg/L		09/08/16 09:36	09/09/16 15:59	1
Calcium	**200**		0.50	0.10	mg/L		09/08/16 09:36	09/09/16 15:59	1
Chromium	**0.0010**	**J**	0.0040	0.0010	mg/L		09/08/16 09:36	09/09/16 15:59	1
Cobalt	ND		0.0040	0.00063	mg/L		09/08/16 09:36	09/09/16 15:59	1
Copper	ND		0.010	0.0016	mg/L		09/08/16 09:36	09/09/16 15:59	1
Iron	**9.2**		0.050	0.019	mg/L		09/08/16 09:36	09/09/16 15:59	1
Lead	**0.0035**	**J**	0.010	0.0030	mg/L		09/08/16 09:36	09/09/16 15:59	1
Magnesium	**19.1**		0.20	0.043	mg/L		09/08/16 09:36	09/09/16 15:59	1
Manganese	**0.41**		0.0030	0.00040	mg/L		09/08/16 09:36	09/09/16 15:59	1
Nickel	**0.0037**	**J**	0.010	0.0013	mg/L		09/08/16 09:36	09/09/16 15:59	1
Potassium	**10.9**		0.50	0.10	mg/L		09/08/16 09:36	09/09/16 15:59	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C RFI-20 D_0916

Lab Sample ID: 480-105539-7

Date Collected: 09/07/16 09:55

Matrix: Ground Water

Date Received: 09/07/16 16:10

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/08/16 09:36	09/09/16 15:59	1
Silver	ND		0.0060	0.0017	mg/L		09/08/16 09:36	09/09/16 15:59	1
Sodium	**32.3**		1.0	0.32	mg/L		09/08/16 09:36	09/09/16 15:59	1
Thallium	ND		0.020	0.010	mg/L		09/08/16 09:36	09/09/16 15:59	1
Vanadium	ND		0.0050	0.0015	mg/L		09/08/16 09:36	09/09/16 15:59	1
Zinc	**0.0054**	**J**	0.010	0.0015	mg/L		09/08/16 09:36	09/09/16 15:59	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/08/16 07:50	09/08/16 12:44	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-105539-8

Date Collected: 09/07/16 00:00

Matrix: Water

Date Received: 09/07/16 16:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/08/16 16:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/08/16 16:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/08/16 16:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/08/16 16:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/08/16 16:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/08/16 16:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/08/16 16:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/08/16 16:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/08/16 16:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/08/16 16:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/08/16 16:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/08/16 16:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/08/16 16:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/08/16 16:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/08/16 16:45	1
2-Hexanone	ND		5.0	1.2	ug/L			09/08/16 16:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/08/16 16:45	1
Acetone	ND		10	3.0	ug/L			09/08/16 16:45	1
Benzene	ND		1.0	0.41	ug/L			09/08/16 16:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/08/16 16:45	1
Bromoform	ND		1.0	0.26	ug/L			09/08/16 16:45	1
Bromomethane	ND		1.0	0.69	ug/L			09/08/16 16:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/08/16 16:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/08/16 16:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/08/16 16:45	1
Chloroethane	ND		1.0	0.32	ug/L			09/08/16 16:45	1
Chloroform	ND		1.0	0.34	ug/L			09/08/16 16:45	1
Chloromethane	ND		1.0	0.35	ug/L			09/08/16 16:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/08/16 16:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/08/16 16:45	1
Cyclohexane	ND		1.0	0.18	ug/L			09/08/16 16:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/08/16 16:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/08/16 16:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/08/16 16:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/08/16 16:45	1
Methyl acetate	ND		2.5	1.3	ug/L			09/08/16 16:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/08/16 16:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/08/16 16:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/08/16 16:45	1
Styrene	ND		1.0	0.73	ug/L			09/08/16 16:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/08/16 16:45	1
Toluene	ND		1.0	0.51	ug/L			09/08/16 16:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/08/16 16:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/08/16 16:45	1
Trichloroethene	ND		1.0	0.46	ug/L			09/08/16 16:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/08/16 16:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/08/16 16:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/08/16 16:45	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-105539-8

Date Collected: 09/07/16 00:00

Matrix: Water

Date Received: 09/07/16 16:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		77 - 120		09/08/16 16:45	1
4-Bromofluorobenzene (Surr)	101		73 - 120		09/08/16 16:45	1
Toluene-d8 (Surr)	99		80 - 120		09/08/16 16:45	1
Dibromofluoromethane (Surr)	109		75 - 123		09/08/16 16:45	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Ground Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-105539-1	BCC Area C MW-C01_0916	113	98	97	110
480-105539-2	BCC Area C RFI-31_0916	116	101	96	112
480-105539-3	BCC Area C MW-C04_0916	113	101	97	107
480-105539-4	BCC Area C RFI-20_0916	110	99	97	104
480-105539-4 MS	BCC Area C RFI-20 MS_0916	109	103	99	107
480-105539-4 MSD	BCC Area C RFI-20 MSD_0916	112	103	100	109
480-105539-5	BCC Area C PS-05A_0916	115	99	94	107
480-105539-6	BCC Area C PS-06_0916	111	98	97	105
480-105539-7	BCC Area C RFI-20 D_0916	111	99	94	107

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-105539-8	TRIP BLANK	116	101	99	109
LCS 480-319298/5	Lab Control Sample	104	102	101	106
LCS 480-319407/5	Lab Control Sample	98	100	98	101
LCS 480-319495/5	Lab Control Sample	104	103	100	102
LCS 480-319583/4	Lab Control Sample	105	103	98	103
MB 480-319298/7	Method Blank	113	98	97	106
MB 480-319407/7	Method Blank	106	100	97	102
MB 480-319495/7	Method Blank	109	98	98	106
MB 480-319583/6	Method Blank	111	100	95	105

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Ground Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)
480-105539-1	BCC Area C MW-C01_0916	117	78	48	71	37	93
480-105539-2	BCC Area C RFI-31_0916	120	72	50	67	41	81
480-105539-3	BCC Area C MW-C04_0916	70	52	33	49	24	50 X
480-105539-4	BCC Area C RFI-20_0916	109	75	54	75	40	86
480-105539-4 MS	BCC Area C RFI-20 MS_0916	116	88	61	82	51	73
480-105539-4 MSD	BCC Area C RFI-20 MSD_0916	105	73	44	59	39	65 X

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Ground Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)
480-105539-5	BCC Area C PS-05A_0916	97	64	42	58	33	74
480-105539-6	BCC Area C PS-06_0916	103	73	51	70	38	69
480-105539-7	BCC Area C RFI-20 D_0916	108	70	45	64	33	81

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = p-Terphenyl-d14

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)
LCS 480-319345/2-A	Lab Control Sample	112	88	70	87	54	99
MB 480-319345/1-A	Method Blank	109	91	70	95	52	112

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = p-Terphenyl-d14

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-319298/7
Matrix: Water
Analysis Batch: 319298

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/07/16 21:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/07/16 21:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/07/16 21:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/07/16 21:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/07/16 21:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/07/16 21:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/07/16 21:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/07/16 21:48	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/07/16 21:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/07/16 21:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/07/16 21:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/07/16 21:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/07/16 21:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/07/16 21:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/07/16 21:48	1
2-Hexanone	ND		5.0	1.2	ug/L			09/07/16 21:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/07/16 21:48	1
Acetone	ND		10	3.0	ug/L			09/07/16 21:48	1
Benzene	ND		1.0	0.41	ug/L			09/07/16 21:48	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/07/16 21:48	1
Bromoform	ND		1.0	0.26	ug/L			09/07/16 21:48	1
Bromomethane	ND		1.0	0.69	ug/L			09/07/16 21:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/07/16 21:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/07/16 21:48	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/07/16 21:48	1
Chloroethane	ND		1.0	0.32	ug/L			09/07/16 21:48	1
Chloroform	ND		1.0	0.34	ug/L			09/07/16 21:48	1
Chloromethane	ND		1.0	0.35	ug/L			09/07/16 21:48	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/07/16 21:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/07/16 21:48	1
Cyclohexane	ND		1.0	0.18	ug/L			09/07/16 21:48	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/07/16 21:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/07/16 21:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/07/16 21:48	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/07/16 21:48	1
Methyl acetate	ND		2.5	1.3	ug/L			09/07/16 21:48	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/07/16 21:48	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/07/16 21:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/07/16 21:48	1
Styrene	ND		1.0	0.73	ug/L			09/07/16 21:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/07/16 21:48	1
Toluene	ND		1.0	0.51	ug/L			09/07/16 21:48	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/07/16 21:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/07/16 21:48	1
Trichloroethene	ND		1.0	0.46	ug/L			09/07/16 21:48	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/07/16 21:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/07/16 21:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/07/16 21:48	1

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		77 - 120		09/07/16 21:48	1
4-Bromofluorobenzene (Surr)	98		73 - 120		09/07/16 21:48	1
Toluene-d8 (Surr)	97		80 - 120		09/07/16 21:48	1
Dibromofluoromethane (Surr)	106		75 - 123		09/07/16 21:48	1

Lab Sample ID: LCS 480-319298/5
Matrix: Water
Analysis Batch: 319298

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.5		ug/L		98	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.4		ug/L		98	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.2		ug/L		93	61 - 148
1,1,2-Trichloroethane	25.0	25.1		ug/L		100	76 - 122
1,1-Dichloroethane	25.0	23.6		ug/L		95	77 - 120
1,1-Dichloroethene	25.0	22.6		ug/L		90	66 - 127
1,2,4-Trichlorobenzene	25.0	23.2		ug/L		93	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.4		ug/L		94	56 - 134
1,2-Dibromoethane	25.0	24.5		ug/L		98	77 - 120
1,2-Dichlorobenzene	25.0	23.6		ug/L		94	80 - 124
1,2-Dichloroethane	25.0	24.6		ug/L		98	75 - 120
1,2-Dichloropropane	25.0	22.8		ug/L		91	76 - 120
1,3-Dichlorobenzene	25.0	23.0		ug/L		92	77 - 120
1,4-Dichlorobenzene	25.0	23.5		ug/L		94	80 - 120
2-Butanone (MEK)	125	133		ug/L		106	57 - 140
2-Hexanone	125	133		ug/L		106	65 - 127
4-Methyl-2-pentanone (MIBK)	125	124		ug/L		99	71 - 125
Acetone	125	154		ug/L		123	56 - 142
Benzene	25.0	23.1		ug/L		93	71 - 124
Bromodichloromethane	25.0	24.7		ug/L		99	80 - 122
Bromoform	25.0	25.2		ug/L		101	61 - 132
Bromomethane	25.0	27.7		ug/L		111	55 - 144
Carbon disulfide	25.0	22.7		ug/L		91	59 - 134
Carbon tetrachloride	25.0	24.6		ug/L		98	72 - 134
Chlorobenzene	25.0	23.8		ug/L		95	80 - 120
Chloroethane	25.0	28.7		ug/L		115	69 - 136
Chloroform	25.0	23.4		ug/L		94	73 - 127
Chloromethane	25.0	25.4		ug/L		102	68 - 124
cis-1,2-Dichloroethene	25.0	23.7		ug/L		95	74 - 124
cis-1,3-Dichloropropene	25.0	24.6		ug/L		98	74 - 124
Cyclohexane	25.0	23.1		ug/L		92	59 - 135
Dibromochloromethane	25.0	24.6		ug/L		98	75 - 125
Dichlorodifluoromethane	25.0	30.7		ug/L		123	59 - 135
Ethylbenzene	25.0	23.6		ug/L		94	77 - 123
Isopropylbenzene	25.0	23.3		ug/L		93	77 - 122
Methyl acetate	125	118		ug/L		94	74 - 133
Methyl tert-butyl ether	25.0	24.7		ug/L		99	77 - 120
Methylcyclohexane	25.0	24.0		ug/L		96	68 - 134
Methylene Chloride	25.0	25.5		ug/L		102	75 - 124
Styrene	25.0	25.0		ug/L		100	80 - 120
Tetrachloroethene	25.0	23.9		ug/L		96	74 - 122
Toluene	25.0	23.0		ug/L		92	80 - 122
trans-1,2-Dichloroethene	25.0	23.0		ug/L		92	73 - 127

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-319298/5
Matrix: Water
Analysis Batch: 319298

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	25.0	24.9		ug/L		100	80 - 120
Trichloroethene	25.0	23.6		ug/L		95	74 - 123
Trichlorofluoromethane	25.0	28.2		ug/L		113	62 - 150
Vinyl chloride	25.0	26.9		ug/L		107	65 - 133
Xylenes, Total	50.0	47.7		ug/L		95	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*106*		*75 - 123*

Lab Sample ID: MB 480-319407/7
Matrix: Water
Analysis Batch: 319407

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/08/16 12:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/08/16 12:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/08/16 12:04	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/08/16 12:04	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/08/16 12:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/08/16 12:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/08/16 12:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/08/16 12:04	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/08/16 12:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/08/16 12:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/08/16 12:04	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/08/16 12:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/08/16 12:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/08/16 12:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/08/16 12:04	1
2-Hexanone	ND		5.0	1.2	ug/L			09/08/16 12:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/08/16 12:04	1
Acetone	ND		10	3.0	ug/L			09/08/16 12:04	1
Benzene	ND		1.0	0.41	ug/L			09/08/16 12:04	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/08/16 12:04	1
Bromoform	ND		1.0	0.26	ug/L			09/08/16 12:04	1
Bromomethane	ND		1.0	0.69	ug/L			09/08/16 12:04	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/08/16 12:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/08/16 12:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/08/16 12:04	1
Chloroethane	ND		1.0	0.32	ug/L			09/08/16 12:04	1
Chloroform	ND		1.0	0.34	ug/L			09/08/16 12:04	1
Chloromethane	ND		1.0	0.35	ug/L			09/08/16 12:04	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/08/16 12:04	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/08/16 12:04	1
Cyclohexane	ND		1.0	0.18	ug/L			09/08/16 12:04	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-319407/7
Matrix: Water
Analysis Batch: 319407

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		1.0	0.32	ug/L			09/08/16 12:04	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/08/16 12:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/08/16 12:04	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/08/16 12:04	1
Methyl acetate	ND		2.5	1.3	ug/L			09/08/16 12:04	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/08/16 12:04	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/08/16 12:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/08/16 12:04	1
Styrene	ND		1.0	0.73	ug/L			09/08/16 12:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/08/16 12:04	1
Toluene	ND		1.0	0.51	ug/L			09/08/16 12:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/08/16 12:04	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/08/16 12:04	1
Trichloroethene	ND		1.0	0.46	ug/L			09/08/16 12:04	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/08/16 12:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/08/16 12:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/08/16 12:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*09/08/16 12:04*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*09/08/16 12:04*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*09/08/16 12:04*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*09/08/16 12:04*	*1*

Lab Sample ID: LCS 480-319407/5
Matrix: Water
Analysis Batch: 319407

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.1		ug/L		97	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.8		ug/L		95	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroetha ne	25.0	23.0		ug/L		92	61 - 148
1,1,2-Trichloroethane	25.0	23.4		ug/L		94	76 - 122
1,1-Dichloroethane	25.0	23.4		ug/L		94	77 - 120
1,1-Dichloroethene	25.0	21.9		ug/L		87	66 - 127
1,2,4-Trichlorobenzene	25.0	23.4		ug/L		94	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.0		ug/L		92	56 - 134
1,2-Dibromoethane	25.0	24.5		ug/L		98	77 - 120
1,2-Dichlorobenzene	25.0	23.1		ug/L		93	80 - 124
1,2-Dichloroethane	25.0	23.6		ug/L		95	75 - 120
1,2-Dichloropropane	25.0	22.8		ug/L		91	76 - 120
1,3-Dichlorobenzene	25.0	23.2		ug/L		93	77 - 120
1,4-Dichlorobenzene	25.0	23.3		ug/L		93	80 - 120
2-Butanone (MEK)	125	130		ug/L		104	57 - 140
2-Hexanone	125	130		ug/L		104	65 - 127
4-Methyl-2-pentanone (MIBK)	125	119		ug/L		95	71 - 125
Acetone	125	147		ug/L		118	56 - 142

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-319407/5
Matrix: Water
Analysis Batch: 319407

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	22.5		ug/L		90	71 - 124
Bromodichloromethane	25.0	24.0		ug/L		96	80 - 122
Bromoform	25.0	25.3		ug/L		101	61 - 132
Bromomethane	25.0	25.9		ug/L		104	55 - 144
Carbon disulfide	25.0	21.3		ug/L		85	59 - 134
Carbon tetrachloride	25.0	24.3		ug/L		97	72 - 134
Chlorobenzene	25.0	23.4		ug/L		93	80 - 120
Chloroethane	25.0	26.2		ug/L		105	69 - 136
Chloroform	25.0	22.8		ug/L		91	73 - 127
Chloromethane	25.0	23.6		ug/L		95	68 - 124
cis-1,2-Dichloroethene	25.0	23.5		ug/L		94	74 - 124
cis-1,3-Dichloropropene	25.0	24.1		ug/L		96	74 - 124
Cyclohexane	25.0	22.4		ug/L		90	59 - 135
Dibromochloromethane	25.0	24.6		ug/L		98	75 - 125
Dichlorodifluoromethane	25.0	26.8		ug/L		107	59 - 135
Ethylbenzene	25.0	23.1		ug/L		92	77 - 123
Isopropylbenzene	25.0	23.2		ug/L		93	77 - 122
Methyl acetate	125	113		ug/L		91	74 - 133
Methyl tert-butyl ether	25.0	24.2		ug/L		97	77 - 120
Methylcyclohexane	25.0	23.0		ug/L		92	68 - 134
Methylene Chloride	25.0	23.9		ug/L		96	75 - 124
Styrene	25.0	24.2		ug/L		97	80 - 120
Tetrachloroethene	25.0	23.6		ug/L		95	74 - 122
Toluene	25.0	22.3		ug/L		89	80 - 122
trans-1,2-Dichloroethene	25.0	22.5		ug/L		90	73 - 127
trans-1,3-Dichloropropene	25.0	23.5		ug/L		94	80 - 120
Trichloroethene	25.0	22.7		ug/L		91	74 - 123
Trichlorofluoromethane	25.0	26.3		ug/L		105	62 - 150
Vinyl chloride	25.0	24.1		ug/L		97	65 - 133
Xylenes, Total	50.0	46.2		ug/L		92	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*75 - 123*

Lab Sample ID: 480-105539-4 MS
Matrix: Ground Water
Analysis Batch: 319407

Client Sample ID: BCC Area C RFI-20 MS_0916
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		25.0	28.4		ug/L		114	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	25.8		ug/L		103	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	22.4		ug/L		90	61 - 148
1,1,2-Trichloroethane	ND		25.0	26.0		ug/L		104	76 - 122
1,1-Dichloroethane	ND		25.0	26.3		ug/L		105	77 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-105539-4 MS
Matrix: Ground Water
Analysis Batch: 319407

Client Sample ID: BCC Area C RFI-20 MS_0916
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	ND		25.0	24.9		ug/L		99	66 - 127
1,2,4-Trichlorobenzene	2.7		25.0	27.9		ug/L		101	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	25.0		ug/L		100	56 - 134
1,2-Dibromoethane	ND		25.0	26.5		ug/L		106	77 - 120
1,2-Dichlorobenzene	ND		25.0	26.1		ug/L		105	80 - 124
1,2-Dichloroethane	ND		25.0	27.6		ug/L		110	75 - 120
1,2-Dichloropropane	ND		25.0	24.6		ug/L		98	76 - 120
1,3-Dichlorobenzene	ND		25.0	25.5		ug/L		102	77 - 120
1,4-Dichlorobenzene	ND		25.0	26.3		ug/L		105	78 - 124
2-Butanone (MEK)	ND		125	130		ug/L		104	57 - 140
2-Hexanone	ND		125	132		ug/L		106	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	129		ug/L		103	71 - 125
Acetone	ND		125	125		ug/L		100	56 - 142
Benzene	ND		25.0	25.1		ug/L		100	71 - 124
Bromodichloromethane	ND		25.0	27.7		ug/L		111	80 - 122
Bromoform	ND		25.0	26.2		ug/L		105	61 - 132
Bromomethane	ND		25.0	31.4		ug/L		126	55 - 144
Carbon disulfide	0.28	J	25.0	23.7		ug/L		94	59 - 134
Carbon tetrachloride	ND		25.0	28.2		ug/L		113	72 - 134
Chlorobenzene	24		25.0	47.5		ug/L		93	80 - 120
Chloroethane	ND		25.0	31.4		ug/L		126	69 - 136
Chloroform	ND		25.0	26.1		ug/L		104	73 - 127
Chloromethane	ND		25.0	27.1		ug/L		108	68 - 124
cis-1,2-Dichloroethene	ND		25.0	25.5		ug/L		102	74 - 124
cis-1,3-Dichloropropene	ND		25.0	25.4		ug/L		102	74 - 124
Cyclohexane	ND		25.0	21.8		ug/L		87	59 - 135
Dibromochloromethane	ND		25.0	26.7		ug/L		107	75 - 125
Dichlorodifluoromethane	ND		25.0	27.4		ug/L		110	59 - 135
Ethylbenzene	ND		25.0	25.2		ug/L		101	77 - 123
Isopropylbenzene	ND		25.0	24.5		ug/L		98	77 - 122
Methyl acetate	ND		125	120		ug/L		96	74 - 133
Methyl tert-butyl ether	ND		25.0	26.4		ug/L		106	77 - 120
Methylcyclohexane	ND		25.0	22.1		ug/L		88	68 - 134
Methylene Chloride	ND		25.0	27.0		ug/L		108	75 - 124
Styrene	ND		25.0	24.3		ug/L		97	80 - 120
Tetrachloroethene	ND		25.0	25.2		ug/L		101	74 - 122
Toluene	ND		25.0	24.4		ug/L		97	80 - 122
trans-1,2-Dichloroethene	ND		25.0	25.4		ug/L		102	73 - 127
trans-1,3-Dichloropropene	ND		25.0	25.6		ug/L		102	80 - 120
Trichloroethene	ND		25.0	25.8		ug/L		103	74 - 123
Trichlorofluoromethane	ND		25.0	30.1		ug/L		120	62 - 150
Vinyl chloride	ND		25.0	28.1		ug/L		112	65 - 133
Xylenes, Total	ND		50.0	50.2		ug/L		100	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-105539-4 MS
Matrix: Ground Water
Analysis Batch: 319407

Client Sample ID: BCC Area C RFI-20 MS_0916
Prep Type: Total/NA

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*107*		*75 - 123*

Lab Sample ID: 480-105539-4 MSD
Matrix: Ground Water
Analysis Batch: 319407

Client Sample ID: BCC Area C RFI-20 MSD_0916
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	27.1		ug/L		108	73 - 126	5	15
1,1,2,2-Tetrachloroethane	ND		25.0	26.6		ug/L		107	76 - 120	3	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	21.7		ug/L		87	61 - 148	3	20
1,1,2-Trichloroethane	ND		25.0	25.6		ug/L		103	76 - 122	1	15
1,1-Dichloroethane	ND		25.0	26.0		ug/L		104	77 - 120	1	20
1,1-Dichloroethene	ND		25.0	23.2		ug/L		93	66 - 127	7	16
1,2,4-Trichlorobenzene	2.7		25.0	27.9		ug/L		101	79 - 122	0	20
1,2-Dibromo-3-Chloropropane	ND		25.0	26.0		ug/L		104	56 - 134	4	15
1,2-Dibromoethane	ND		25.0	27.0		ug/L		108	77 - 120	2	15
1,2-Dichlorobenzene	ND		25.0	25.7		ug/L		103	80 - 124	2	20
1,2-Dichloroethane	ND		25.0	27.7		ug/L		111	75 - 120	0	20
1,2-Dichloropropane	ND		25.0	25.4		ug/L		102	76 - 120	3	20
1,3-Dichlorobenzene	ND		25.0	26.1		ug/L		104	77 - 120	2	20
1,4-Dichlorobenzene	ND		25.0	26.1		ug/L		104	78 - 124	1	20
2-Butanone (MEK)	ND		125	131		ug/L		105	57 - 140	1	20
2-Hexanone	ND		125	135		ug/L		108	65 - 127	2	15
4-Methyl-2-pentanone (MIBK)	ND		125	133		ug/L		106	71 - 125	3	35
Acetone	ND		125	127		ug/L		101	56 - 142	1	15
Benzene	ND		25.0	24.8		ug/L		99	71 - 124	1	13
Bromodichloromethane	ND		25.0	27.4		ug/L		110	80 - 122	1	15
Bromoform	ND		25.0	26.5		ug/L		106	61 - 132	1	15
Bromomethane	ND		25.0	31.9		ug/L		127	55 - 144	1	15
Carbon disulfide	0.28	J	25.0	23.1		ug/L		91	59 - 134	3	15
Carbon tetrachloride	ND		25.0	26.5		ug/L		106	72 - 134	6	15
Chlorobenzene	24		25.0	47.9		ug/L		95	80 - 120	1	25
Chloroethane	ND		25.0	30.3		ug/L		121	69 - 136	4	15
Chloroform	ND		25.0	25.7		ug/L		103	73 - 127	1	20
Chloromethane	ND		25.0	26.4		ug/L		106	68 - 124	2	15
cis-1,2-Dichloroethene	ND		25.0	25.3		ug/L		101	74 - 124	1	15
cis-1,3-Dichloropropene	ND		25.0	25.4		ug/L		102	74 - 124	0	15
Cyclohexane	ND		25.0	21.2		ug/L		85	59 - 135	3	20
Dibromochloromethane	ND		25.0	26.2		ug/L		105	75 - 125	2	15
Dichlorodifluoromethane	ND		25.0	27.2		ug/L		109	59 - 135	1	20
Ethylbenzene	ND		25.0	25.3		ug/L		101	77 - 123	0	15
Isopropylbenzene	ND		25.0	24.9		ug/L		100	77 - 122	1	20
Methyl acetate	ND		125	119		ug/L		95	74 - 133	0	20
Methyl tert-butyl ether	ND		25.0	27.0		ug/L		108	77 - 120	2	37
Methylcyclohexane	ND		25.0	21.7		ug/L		87	68 - 134	2	20
Methylene Chloride	ND		25.0	26.8		ug/L		107	75 - 124	1	15
Styrene	ND		25.0	24.4		ug/L		98	80 - 120	1	20

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-105539-4 MSD
Matrix: Ground Water
Analysis Batch: 319407

Client Sample ID: BCC Area C RFI-20 MSD_0916
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tetrachloroethene	ND		25.0	25.8		ug/L		103	74 - 122	2	20
Toluene	ND		25.0	24.3		ug/L		97	80 - 122	0	15
trans-1,2-Dichloroethene	ND		25.0	25.1		ug/L		101	73 - 127	1	20
trans-1,3-Dichloropropene	ND		25.0	25.7		ug/L		103	80 - 120	0	15
Trichloroethene	ND		25.0	25.2		ug/L		101	74 - 123	2	16
Trichlorofluoromethane	ND		25.0	28.9		ug/L		115	62 - 150	4	20
Vinyl chloride	ND		25.0	27.3		ug/L		109	65 - 133	3	15
Xylenes, Total	ND		50.0	51.0		ug/L		102	76 - 122	2	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*112*		*77 - 120*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*109*		*75 - 123*

Lab Sample ID: MB 480-319495/7
Matrix: Water
Analysis Batch: 319495

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/08/16 23:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/08/16 23:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/08/16 23:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/08/16 23:16	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/08/16 23:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/08/16 23:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/08/16 23:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/08/16 23:16	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/08/16 23:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/08/16 23:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/08/16 23:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/08/16 23:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/08/16 23:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/08/16 23:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/08/16 23:16	1
2-Hexanone	ND		5.0	1.2	ug/L			09/08/16 23:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/08/16 23:16	1
Acetone	ND		10	3.0	ug/L			09/08/16 23:16	1
Benzene	ND		1.0	0.41	ug/L			09/08/16 23:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/08/16 23:16	1
Bromoform	ND		1.0	0.26	ug/L			09/08/16 23:16	1
Bromomethane	ND		1.0	0.69	ug/L			09/08/16 23:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/08/16 23:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/08/16 23:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/08/16 23:16	1
Chloroethane	ND		1.0	0.32	ug/L			09/08/16 23:16	1
Chloroform	ND		1.0	0.34	ug/L			09/08/16 23:16	1
Chloromethane	ND		1.0	0.35	ug/L			09/08/16 23:16	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-319495/7
Matrix: Water
Analysis Batch: 319495

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/08/16 23:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/08/16 23:16	1
Cyclohexane	ND		1.0	0.18	ug/L			09/08/16 23:16	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/08/16 23:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/08/16 23:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/08/16 23:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/08/16 23:16	1
Methyl acetate	ND		2.5	1.3	ug/L			09/08/16 23:16	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/08/16 23:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/08/16 23:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/08/16 23:16	1
Styrene	ND		1.0	0.73	ug/L			09/08/16 23:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/08/16 23:16	1
Toluene	ND		1.0	0.51	ug/L			09/08/16 23:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/08/16 23:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/08/16 23:16	1
Trichloroethene	ND		1.0	0.46	ug/L			09/08/16 23:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/08/16 23:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/08/16 23:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/08/16 23:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*09/08/16 23:16*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*09/08/16 23:16*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*09/08/16 23:16*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*09/08/16 23:16*	*1*

Lab Sample ID: LCS 480-319495/5
Matrix: Water
Analysis Batch: 319495

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.8		ug/L		95	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.5		ug/L		94	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroetha ne	25.0	22.2		ug/L		89	61 - 148
1,1,2-Trichloroethane	25.0	23.9		ug/L		96	76 - 122
1,1-Dichloroethane	25.0	22.6		ug/L		90	77 - 120
1,1-Dichloroethene	25.0	21.2		ug/L		85	66 - 127
1,2,4-Trichlorobenzene	25.0	22.6		ug/L		90	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	21.7		ug/L		87	56 - 134
1,2-Dibromoethane	25.0	24.5		ug/L		98	77 - 120
1,2-Dichlorobenzene	25.0	23.3		ug/L		93	80 - 124
1,2-Dichloroethane	25.0	24.0		ug/L		96	75 - 120
1,2-Dichloropropane	25.0	22.8		ug/L		91	76 - 120
1,3-Dichlorobenzene	25.0	23.2		ug/L		93	77 - 120
1,4-Dichlorobenzene	25.0	23.2		ug/L		93	80 - 120
2-Butanone (MEK)	125	125		ug/L		100	57 - 140

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-319495/5
Matrix: Water
Analysis Batch: 319495

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Hexanone	125	128		ug/L		102	65 - 127
4-Methyl-2-pentanone (MIBK)	125	120		ug/L		96	71 - 125
Acetone	125	138		ug/L		110	56 - 142
Benzene	25.0	22.4		ug/L		90	71 - 124
Bromodichloromethane	25.0	24.3		ug/L		97	80 - 122
Bromoform	25.0	25.0		ug/L		100	61 - 132
Bromomethane	25.0	27.0		ug/L		108	55 - 144
Carbon disulfide	25.0	21.2		ug/L		85	59 - 134
Carbon tetrachloride	25.0	24.1		ug/L		96	72 - 134
Chlorobenzene	25.0	23.5		ug/L		94	80 - 120
Chloroethane	25.0	26.9		ug/L		107	69 - 136
Chloroform	25.0	22.6		ug/L		90	73 - 127
Chloromethane	25.0	23.2		ug/L		93	68 - 124
cis-1,2-Dichloroethene	25.0	22.7		ug/L		91	74 - 124
cis-1,3-Dichloropropene	25.0	23.1		ug/L		92	74 - 124
Cyclohexane	25.0	21.8		ug/L		87	59 - 135
Dibromochloromethane	25.0	25.1		ug/L		100	75 - 125
Dichlorodifluoromethane	25.0	25.9		ug/L		103	59 - 135
Ethylbenzene	25.0	23.2		ug/L		93	77 - 123
Isopropylbenzene	25.0	23.1		ug/L		92	77 - 122
Methyl acetate	125	111		ug/L		89	74 - 133
Methyl tert-butyl ether	25.0	23.4		ug/L		94	77 - 120
Methylcyclohexane	25.0	22.7		ug/L		91	68 - 134
Methylene Chloride	25.0	23.7		ug/L		95	75 - 124
Styrene	25.0	24.5		ug/L		98	80 - 120
Tetrachloroethene	25.0	24.1		ug/L		96	74 - 122
Toluene	25.0	22.3		ug/L		89	80 - 122
trans-1,2-Dichloroethene	25.0	22.6		ug/L		90	73 - 127
trans-1,3-Dichloropropene	25.0	24.4		ug/L		98	80 - 120
Trichloroethene	25.0	22.7		ug/L		91	74 - 123
Trichlorofluoromethane	25.0	26.5		ug/L		106	62 - 150
Vinyl chloride	25.0	24.1		ug/L		96	65 - 133
Xylenes, Total	50.0	47.6		ug/L		95	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*75 - 123*

Lab Sample ID: MB 480-319583/6
Matrix: Water
Analysis Batch: 319583

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/09/16 11:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/09/16 11:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/09/16 11:12	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-319583/6
Matrix: Water
Analysis Batch: 319583

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/09/16 11:12	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/09/16 11:12	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/09/16 11:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/09/16 11:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/09/16 11:12	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/09/16 11:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/09/16 11:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/09/16 11:12	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/09/16 11:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/09/16 11:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/09/16 11:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/09/16 11:12	1
2-Hexanone	ND		5.0	1.2	ug/L			09/09/16 11:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/09/16 11:12	1
Acetone	ND		10	3.0	ug/L			09/09/16 11:12	1
Benzene	ND		1.0	0.41	ug/L			09/09/16 11:12	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/09/16 11:12	1
Bromoform	ND		1.0	0.26	ug/L			09/09/16 11:12	1
Bromomethane	ND		1.0	0.69	ug/L			09/09/16 11:12	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/09/16 11:12	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/09/16 11:12	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/09/16 11:12	1
Chloroethane	ND		1.0	0.32	ug/L			09/09/16 11:12	1
Chloroform	ND		1.0	0.34	ug/L			09/09/16 11:12	1
Chloromethane	ND		1.0	0.35	ug/L			09/09/16 11:12	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/09/16 11:12	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/09/16 11:12	1
Cyclohexane	ND		1.0	0.18	ug/L			09/09/16 11:12	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/09/16 11:12	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/09/16 11:12	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/09/16 11:12	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/09/16 11:12	1
Methyl acetate	ND		2.5	1.3	ug/L			09/09/16 11:12	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/09/16 11:12	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/09/16 11:12	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/09/16 11:12	1
Styrene	ND		1.0	0.73	ug/L			09/09/16 11:12	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/09/16 11:12	1
Toluene	ND		1.0	0.51	ug/L			09/09/16 11:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/09/16 11:12	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/09/16 11:12	1
Trichloroethene	ND		1.0	0.46	ug/L			09/09/16 11:12	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/09/16 11:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/09/16 11:12	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/09/16 11:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*		*09/09/16 11:12*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-319583/6
Matrix: Water
Analysis Batch: 319583

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		73 - 120		09/09/16 11:12	1
Toluene-d8 (Surr)	95		80 - 120		09/09/16 11:12	1
Dibromofluoromethane (Surr)	105		75 - 123		09/09/16 11:12	1

Lab Sample ID: LCS 480-319583/4
Matrix: Water
Analysis Batch: 319583

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.8		ug/L		99	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.2		ug/L		93	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.5		ug/L		90	61 - 148
1,1,2-Trichloroethane	25.0	23.9		ug/L		96	76 - 122
1,1-Dichloroethane	25.0	24.3		ug/L		97	77 - 120
1,1-Dichloroethene	25.0	21.6		ug/L		87	66 - 127
1,2,4-Trichlorobenzene	25.0	22.8		ug/L		91	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.5		ug/L		90	56 - 134
1,2-Dibromoethane	25.0	23.6		ug/L		94	77 - 120
1,2-Dichlorobenzene	25.0	22.5		ug/L		90	80 - 124
1,2-Dichloroethane	25.0	24.9		ug/L		100	75 - 120
1,2-Dichloropropane	25.0	23.2		ug/L		93	76 - 120
1,3-Dichlorobenzene	25.0	23.2		ug/L		93	77 - 120
1,4-Dichlorobenzene	25.0	23.1		ug/L		92	80 - 120
2-Butanone (MEK)	125	117		ug/L		94	57 - 140
2-Hexanone	125	122		ug/L		97	65 - 127
4-Methyl-2-pentanone (MIBK)	125	115		ug/L		92	71 - 125
Acetone	125	130		ug/L		104	56 - 142
Benzene	25.0	22.9		ug/L		92	71 - 124
Bromodichloromethane	25.0	24.8		ug/L		99	80 - 122
Bromoform	25.0	25.2		ug/L		101	61 - 132
Bromomethane	25.0	28.7		ug/L		115	55 - 144
Carbon disulfide	25.0	21.5		ug/L		86	59 - 134
Carbon tetrachloride	25.0	24.6		ug/L		99	72 - 134
Chlorobenzene	25.0	23.3		ug/L		93	80 - 120
Chloroethane	25.0	28.1		ug/L		112	69 - 136
Chloroform	25.0	23.8		ug/L		95	73 - 127
Chloromethane	25.0	23.9		ug/L		96	68 - 124
cis-1,2-Dichloroethene	25.0	23.5		ug/L		94	74 - 124
cis-1,3-Dichloropropene	25.0	24.0		ug/L		96	74 - 124
Cyclohexane	25.0	22.2		ug/L		89	59 - 135
Dibromochloromethane	25.0	25.0		ug/L		100	75 - 125
Dichlorodifluoromethane	25.0	24.5		ug/L		98	59 - 135
Ethylbenzene	25.0	23.4		ug/L		94	77 - 123
Isopropylbenzene	25.0	22.7		ug/L		91	77 - 122
Methyl acetate	125	110		ug/L		88	74 - 133
Methyl tert-butyl ether	25.0	24.1		ug/L		96	77 - 120
Methylcyclohexane	25.0	22.7		ug/L		91	68 - 134

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-319583/4
Matrix: Water
Analysis Batch: 319583

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	24.9		ug/L		100	75 - 124
Styrene	25.0	24.5		ug/L		98	80 - 120
Tetrachloroethene	25.0	23.6		ug/L		94	74 - 122
Toluene	25.0	22.4		ug/L		89	80 - 122
trans-1,2-Dichloroethene	25.0	23.0		ug/L		92	73 - 127
trans-1,3-Dichloropropene	25.0	23.8		ug/L		95	80 - 120
Trichloroethene	25.0	23.5		ug/L		94	74 - 123
Trichlorofluoromethane	25.0	27.7		ug/L		111	62 - 150
Vinyl chloride	25.0	24.5		ug/L		98	65 - 133
Xylenes, Total	50.0	47.8		ug/L		96	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*75 - 123*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-319345/1-A
Matrix: Water
Analysis Batch: 319609

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 319345

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/08/16 07:22	09/09/16 13:40	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/08/16 07:22	09/09/16 13:40	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/08/16 07:22	09/09/16 13:40	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/08/16 07:22	09/09/16 13:40	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/08/16 07:22	09/09/16 13:40	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/08/16 07:22	09/09/16 13:40	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/08/16 07:22	09/09/16 13:40	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/08/16 07:22	09/09/16 13:40	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/08/16 07:22	09/09/16 13:40	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/08/16 07:22	09/09/16 13:40	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/08/16 07:22	09/09/16 13:40	1
2-Nitroaniline	ND		10	0.42	ug/L		09/08/16 07:22	09/09/16 13:40	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/08/16 07:22	09/09/16 13:40	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/08/16 07:22	09/09/16 13:40	1
3-Nitroaniline	ND		10	0.48	ug/L		09/08/16 07:22	09/09/16 13:40	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/08/16 07:22	09/09/16 13:40	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/08/16 07:22	09/09/16 13:40	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/08/16 07:22	09/09/16 13:40	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/08/16 07:22	09/09/16 13:40	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/08/16 07:22	09/09/16 13:40	1
4-Methylphenol	ND		10	0.36	ug/L		09/08/16 07:22	09/09/16 13:40	1
4-Nitroaniline	ND		10	0.25	ug/L		09/08/16 07:22	09/09/16 13:40	1
4-Nitrophenol	ND		10	1.5	ug/L		09/08/16 07:22	09/09/16 13:40	1
Acenaphthene	ND		5.0	0.41	ug/L		09/08/16 07:22	09/09/16 13:40	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-319345/1-A
Matrix: Water
Analysis Batch: 319609

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 319345

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		5.0	0.38	ug/L		09/08/16 07:22	09/09/16 13:40	1
Acetophenone	ND		5.0	0.54	ug/L		09/08/16 07:22	09/09/16 13:40	1
Aniline	ND		10	0.61	ug/L		09/08/16 07:22	09/09/16 13:40	1
Anthracene	ND		5.0	0.28	ug/L		09/08/16 07:22	09/09/16 13:40	1
Atrazine	ND		5.0	0.46	ug/L		09/08/16 07:22	09/09/16 13:40	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/08/16 07:22	09/09/16 13:40	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/08/16 07:22	09/09/16 13:40	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/08/16 07:22	09/09/16 13:40	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/08/16 07:22	09/09/16 13:40	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/08/16 07:22	09/09/16 13:40	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/08/16 07:22	09/09/16 13:40	1
Biphenyl	ND		5.0	0.65	ug/L		09/08/16 07:22	09/09/16 13:40	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/08/16 07:22	09/09/16 13:40	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/08/16 07:22	09/09/16 13:40	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/08/16 07:22	09/09/16 13:40	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/08/16 07:22	09/09/16 13:40	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/08/16 07:22	09/09/16 13:40	1
Caprolactam	ND		5.0	2.2	ug/L		09/08/16 07:22	09/09/16 13:40	1
Carbazole	ND		5.0	0.30	ug/L		09/08/16 07:22	09/09/16 13:40	1
Chrysene	ND		5.0	0.33	ug/L		09/08/16 07:22	09/09/16 13:40	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/08/16 07:22	09/09/16 13:40	1
Dibenzofuran	ND		10	0.51	ug/L		09/08/16 07:22	09/09/16 13:40	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/08/16 07:22	09/09/16 13:40	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/08/16 07:22	09/09/16 13:40	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/08/16 07:22	09/09/16 13:40	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/08/16 07:22	09/09/16 13:40	1
Fluoranthene	ND		5.0	0.40	ug/L		09/08/16 07:22	09/09/16 13:40	1
Fluorene	ND		5.0	0.36	ug/L		09/08/16 07:22	09/09/16 13:40	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/08/16 07:22	09/09/16 13:40	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/08/16 07:22	09/09/16 13:40	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/08/16 07:22	09/09/16 13:40	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/08/16 07:22	09/09/16 13:40	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/08/16 07:22	09/09/16 13:40	1
Isophorone	ND		5.0	0.43	ug/L		09/08/16 07:22	09/09/16 13:40	1
Naphthalene	ND		5.0	0.76	ug/L		09/08/16 07:22	09/09/16 13:40	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/08/16 07:22	09/09/16 13:40	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/08/16 07:22	09/09/16 13:40	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/08/16 07:22	09/09/16 13:40	1
Pentachlorophenol	ND		10	2.2	ug/L		09/08/16 07:22	09/09/16 13:40	1
Phenanthrene	ND		5.0	0.44	ug/L		09/08/16 07:22	09/09/16 13:40	1
Phenol	ND		5.0	0.39	ug/L		09/08/16 07:22	09/09/16 13:40	1
Pyrene	ND		5.0	0.34	ug/L		09/08/16 07:22	09/09/16 13:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*109*		*52 - 132*	*09/08/16 07:22*	*09/09/16 13:40*	*1*
2-Fluorobiphenyl	*91*		*48 - 120*	*09/08/16 07:22*	*09/09/16 13:40*	*1*
2-Fluorophenol	*70*		*20 - 120*	*09/08/16 07:22*	*09/09/16 13:40*	*1*
Nitrobenzene-d5	*95*		*46 - 120*	*09/08/16 07:22*	*09/09/16 13:40*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-319345/1-A
Matrix: Water
Analysis Batch: 319609

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 319345

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5	52		16 - 120	09/08/16 07:22	09/09/16 13:40	1
p-Terphenyl-d14	112		67 - 150	09/08/16 07:22	09/09/16 13:40	1

Lab Sample ID: LCS 480-319345/2-A
Matrix: Water
Analysis Batch: 319609

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 319345

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	16.0	17.3		ug/L		108	65 - 126
2,4,6-Trichlorophenol	16.0	16.2		ug/L		101	64 - 120
2,4-Dichlorophenol	16.0	13.6		ug/L		85	64 - 120
2,4-Dimethylphenol	16.0	13.2		ug/L		82	57 - 120
2,4-Dinitrophenol	32.0	29.1		ug/L		91	42 - 153
2,4-Dinitrotoluene	16.0	14.8		ug/L		93	65 - 154
2,6-Dinitrotoluene	16.0	15.2		ug/L		95	74 - 134
2-Chloronaphthalene	16.0	13.6		ug/L		85	41 - 124
2-Chlorophenol	16.0	12.3		ug/L		77	48 - 120
2-Methylnaphthalene	16.0	13.4		ug/L		84	34 - 122
2-Methylphenol	16.0	11.7		ug/L		73	39 - 120
2-Nitroaniline	16.0	15.4		ug/L		96	67 - 136
2-Nitrophenol	16.0	13.9		ug/L		87	59 - 120
3,3'-Dichlorobenzidine	32.0	41.3		ug/L		129	33 - 140
3-Nitroaniline	16.0	14.1		ug/L		88	28 - 130
4,6-Dinitro-2-methylphenol	32.0	36.3		ug/L		113	64 - 159
4-Bromophenyl phenyl ether	16.0	15.4		ug/L		96	71 - 126
4-Chloro-3-methylphenol	16.0	14.4		ug/L		90	64 - 120
4-Chloroaniline	16.0	11.0		ug/L		69	10 - 130
4-Chlorophenyl phenyl ether	16.0	15.1		ug/L		95	71 - 122
4-Methylphenol	16.0	11.5		ug/L		72	39 - 120
4-Nitroaniline	16.0	15.5		ug/L		97	47 - 130
4-Nitrophenol	32.0	40.1	*	ug/L		125	16 - 120
Acenaphthene	16.0	14.0		ug/L		88	60 - 120
Acenaphthylene	16.0	13.8		ug/L		86	63 - 120
Acetophenone	16.0	12.8		ug/L		80	45 - 120
Aniline	16.0	7.46	J	ug/L		47	37 - 120
Anthracene	16.0	14.7		ug/L		92	58 - 148
Atrazine	32.0	37.4		ug/L		117	56 - 179
Benzaldehyde	32.0	13.2		ug/L		41	30 - 140
Benzo(a)anthracene	16.0	15.6		ug/L		98	55 - 151
Benzo(a)pyrene	16.0	15.2		ug/L		95	60 - 145
Benzo(b)fluoranthene	16.0	16.8		ug/L		105	54 - 140
Benzo(g,h,i)perylene	16.0	17.2		ug/L		107	66 - 152
Benzo(k)fluoranthene	16.0	15.9		ug/L		100	51 - 153
Biphenyl	16.0	13.8		ug/L		86	30 - 140
bis (2-chloroisopropyl) ether	16.0	11.6		ug/L		72	28 - 136
Bis(2-chloroethoxy)methane	16.0	12.9		ug/L		81	50 - 128
Bis(2-chloroethyl)ether	16.0	11.9		ug/L		74	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	18.3		ug/L		115	53 - 158

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-319345/2-A
Matrix: Water
Analysis Batch: 319609

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 319345

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Butyl benzyl phthalate	16.0	16.0		ug/L		100	58 - 163
Caprolactam	32.0	11.3		ug/L		35	14 - 130
Carbazole	16.0	16.1		ug/L		101	59 - 148
Chrysene	16.0	15.9		ug/L		99	69 - 140
Dibenz(a,h)anthracene	16.0	16.1		ug/L		101	57 - 148
Dibenzofuran	16.0	14.6		ug/L		92	49 - 137
Diethyl phthalate	16.0	15.7		ug/L		98	59 - 146
Dimethyl phthalate	16.0	16.4		ug/L		103	59 - 141
Di-n-butyl phthalate	16.0	16.4		ug/L		102	58 - 149
Di-n-octyl phthalate	16.0	16.2		ug/L		101	55 - 167
Fluoranthene	16.0	16.3		ug/L		102	55 - 147
Fluorene	16.0	14.8		ug/L		93	55 - 143
Hexachlorobenzene	16.0	15.2		ug/L		95	14 - 130
Hexachlorobutadiene	16.0	12.0		ug/L		75	14 - 130
Hexachlorocyclopentadiene	16.0	9.92		ug/L		62	13 - 130
Hexachloroethane	16.0	11.3		ug/L		71	14 - 130
Indeno(1,2,3-cd)pyrene	16.0	16.1		ug/L		101	69 - 146
Isophorone	16.0	13.6		ug/L		85	48 - 133
Naphthalene	16.0	12.2		ug/L		76	35 - 130
Nitrobenzene	16.0	13.7		ug/L		86	45 - 123
N-Nitrosodi-n-propylamine	16.0	12.6		ug/L		79	56 - 120
N-Nitrosodiphenylamine	16.0	14.5		ug/L		91	25 - 125
Pentachlorophenol	32.0	26.5		ug/L		83	39 - 136
Phenanthrene	16.0	15.1		ug/L		94	57 - 147
Phenol	16.0	9.14		ug/L		57	17 - 120
Pyrene	16.0	14.9		ug/L		93	58 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*112*		*52 - 132*
2-Fluorobiphenyl	*88*		*48 - 120*
2-Fluorophenol	*70*		*20 - 120*
Nitrobenzene-d5	*87*		*46 - 120*
Phenol-d5	*54*		*16 - 120*
p-Terphenyl-d14	*99*		*67 - 150*

Lab Sample ID: 480-105539-4 MS
Matrix: Ground Water
Analysis Batch: 319609

Client Sample ID: BCC Area C RFI-20 MS_0916
Prep Type: Total/NA
Prep Batch: 319345

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		15.0	17.6		ug/L		117	65 - 126
2,4,6-Trichlorophenol	ND		15.0	16.4		ug/L		109	64 - 120
2,4-Dichlorophenol	ND	F2	15.0	13.5		ug/L		90	64 - 120
2,4-Dimethylphenol	ND		15.0	13.3		ug/L		89	57 - 120
2,4-Dinitrophenol	ND		30.0	39.3		ug/L		131	42 - 153
2,4-Dinitrotoluene	ND		15.0	15.6		ug/L		104	62 - 148
2,6-Dinitrotoluene	ND		15.0	14.4		ug/L		96	65 - 154
2-Chloronaphthalene	ND		15.0	12.8		ug/L		85	41 - 124

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-105539-4 MS — **Client Sample ID: BCC Area C RFI-20 MS_0916**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 319609 — **Prep Batch: 319345**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorophenol	ND	F2	15.0	11.4		ug/L		76	48 - 120
2-Methylnaphthalene	ND		15.0	12.1		ug/L		81	34 - 122
2-Methylphenol	ND		15.0	10.6		ug/L		71	39 - 120
2-Nitroaniline	ND		15.0	14.6		ug/L		97	67 - 136
2-Nitrophenol	ND	F2	15.0	12.4		ug/L		83	59 - 120
3,3'-Dichlorobenzidine	ND		30.0	32.2		ug/L		108	33 - 140
3-Nitroaniline	ND		15.0	11.9		ug/L		79	69 - 129
4,6-Dinitro-2-methylphenol	ND	F2	30.0	39.3		ug/L		131	64 - 159
4-Bromophenyl phenyl ether	ND		15.0	14.5		ug/L		97	71 - 126
4-Chloro-3-methylphenol	ND		15.0	14.2		ug/L		95	64 - 120
4-Chloroaniline	ND	F1	15.0	9.40		ug/L		63	60 - 124
4-Chlorophenyl phenyl ether	ND		15.0	14.5		ug/L		97	48 - 145
4-Methylphenol	ND		15.0	10.6		ug/L		71	36 - 120
4-Nitroaniline	ND		15.0	13.9		ug/L		93	64 - 135
4-Nitrophenol	ND	* F1	30.0	37.0	F1	ug/L		123	16 - 120
Acenaphthene	ND		15.0	13.3		ug/L		89	60 - 120
Acenaphthylene	ND		15.0	13.0		ug/L		87	63 - 120
Acetophenone	ND	F2	15.0	11.2		ug/L		75	45 - 120
Aniline	ND	F1	15.0	7.03	J	ug/L		47	37 - 120
Anthracene	ND		15.0	14.6		ug/L		97	58 - 148
Atrazine	ND		30.0	35.2		ug/L		118	56 - 179
Benzaldehyde	ND	F1 F2	30.0	10.8		ug/L		36	30 - 140
Benzo(a)anthracene	ND		15.0	12.5		ug/L		83	55 - 151
Benzo(a)pyrene	ND	F1	15.0	9.76		ug/L		65	60 - 145
Benzo(b)fluoranthene	ND		15.0	10.8		ug/L		72	54 - 140
Benzo(g,h,i)perylene	ND	F1	15.0	9.96		ug/L		66	66 - 152
Benzo(k)fluoranthene	ND		15.0	9.68		ug/L		65	51 - 153
Biphenyl	ND		15.0	13.1		ug/L		88	30 - 140
bis (2-chloroisopropyl) ether	ND	F2	15.0	9.68		ug/L		65	28 - 136
Bis(2-chloroethoxy)methane	ND	F2	15.0	11.7		ug/L		78	50 - 128
Bis(2-chloroethyl)ether	ND	F1 F2	15.0	10.2		ug/L		68	51 - 120
Bis(2-ethylhexyl) phthalate	ND		15.0	9.87		ug/L		66	53 - 158
Butyl benzyl phthalate	ND		15.0	14.2		ug/L		95	58 - 163
Caprolactam	ND	F1 F2	30.0	9.67		ug/L		32	30 - 140
Carbazole	ND		15.0	15.5		ug/L		104	59 - 148
Chrysene	ND	F1	15.0	11.4		ug/L		76	69 - 140
Dibenz(a,h)anthracene	ND	F1	15.0	8.58		ug/L		57	57 - 158
Dibenzofuran	ND		15.0	14.0		ug/L		93	49 - 137
Diethyl phthalate	ND		15.0	15.4		ug/L		103	59 - 146
Dimethyl phthalate	ND		15.0	15.9		ug/L		106	59 - 141
Di-n-butyl phthalate	ND		15.0	15.7		ug/L		105	58 - 149
Di-n-octyl phthalate	ND		15.0	9.53		ug/L		64	55 - 167
Fluoranthene	ND		15.0	15.6		ug/L		104	55 - 147
Fluorene	ND		15.0	14.8		ug/L		99	55 - 143
Hexachlorobenzene	ND		15.0	14.0		ug/L		94	38 - 131
Hexachlorobutadiene	ND		15.0	10.6		ug/L		71	14 - 130
Hexachlorocyclopentadiene	ND		15.0	9.02		ug/L		60	13 - 130
Hexachloroethane	ND		15.0	9.11		ug/L		61	14 - 130

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-105539-4 MS
Matrix: Ground Water
Analysis Batch: 319609

Client Sample ID: BCC Area C RFI-20 MS_0916
Prep Type: Total/NA
Prep Batch: 319345

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Indeno(1,2,3-cd)pyrene	ND	F1	15.0	9.29	F1	ug/L		62	69 - 146
Isophorone	ND	F2	15.0	12.2		ug/L		82	48 - 133
Naphthalene	ND	F2	15.0	11.0		ug/L		74	35 - 130
Nitrobenzene	ND	F2	15.0	12.0		ug/L		80	45 - 123
N-Nitrosodi-n-propylamine	ND		15.0	10.8		ug/L		72	56 - 120
N-Nitrosodiphenylamine	ND		15.0	14.4		ug/L		96	25 - 125
Pentachlorophenol	ND		30.0	31.1		ug/L		104	39 - 136
Phenanthrene	ND		15.0	14.6		ug/L		98	57 - 147
Phenol	ND		15.0	7.75		ug/L		52	17 - 120
Pyrene	ND		15.0	15.0		ug/L		100	58 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*116*		*52 - 132*
2-Fluorobiphenyl	*88*		*48 - 120*
2-Fluorophenol	*61*		*20 - 120*
Nitrobenzene-d5	*82*		*46 - 120*
Phenol-d5	*51*		*16 - 120*
p-Terphenyl-d14	*73*		*67 - 150*

Lab Sample ID: 480-105539-4 MSD
Matrix: Ground Water
Analysis Batch: 319609

Client Sample ID: BCC Area C RFI-20 MSD_0916
Prep Type: Total/NA
Prep Batch: 319345

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		15.0	14.7		ug/L		98	65 - 126	18	18
2,4,6-Trichlorophenol	ND		15.0	13.8		ug/L		93	64 - 120	17	19
2,4-Dichlorophenol	ND	F2	15.0	10.8	F2	ug/L		72	64 - 120	22	19
2,4-Dimethylphenol	ND		15.0	10.8		ug/L		72	57 - 120	21	42
2,4-Dinitrophenol	ND		29.9	35.3		ug/L		118	42 - 153	10	22
2,4-Dinitrotoluene	ND		15.0	12.9		ug/L		87	62 - 148	19	20
2,6-Dinitrotoluene	ND		15.0	13.2		ug/L		88	65 - 154	9	15
2-Chloronaphthalene	ND		15.0	10.5		ug/L		70	41 - 124	20	21
2-Chlorophenol	ND	F2	15.0	8.81	F2	ug/L		59	48 - 120	26	25
2-Methylnaphthalene	ND		15.0	9.85		ug/L		66	34 - 122	20	21
2-Methylphenol	ND		15.0	9.13		ug/L		61	39 - 120	15	27
2-Nitroaniline	ND		15.0	12.7		ug/L		85	67 - 136	13	15
2-Nitrophenol	ND	F2	15.0	9.44	F2	ug/L		63	59 - 120	27	18
3,3'-Dichlorobenzidine	ND		29.9	30.3		ug/L		101	33 - 140	6	25
3-Nitroaniline	ND		15.0	11.4		ug/L		76	69 - 129	4	19
4,6-Dinitro-2-methylphenol	ND	F2	29.9	32.8	F2	ug/L		110	64 - 159	18	15
4-Bromophenyl phenyl ether	ND		15.0	12.7		ug/L		85	71 - 126	14	15
4-Chloro-3-methylphenol	ND		15.0	12.2		ug/L		82	64 - 120	15	27
4-Chloroaniline	ND	F1	15.0	7.92	F1	ug/L		53	60 - 124	17	22
4-Chlorophenyl phenyl ether	ND		15.0	13.0		ug/L		87	48 - 145	11	16
4-Methylphenol	ND		15.0	9.05	J	ug/L		61	36 - 120	16	24
4-Nitroaniline	ND		15.0	13.0		ug/L		87	64 - 135	6	24
4-Nitrophenol	ND	* F1	29.9	33.5		ug/L		112	16 - 120	10	48
Acenaphthene	ND		15.0	11.3		ug/L		75	60 - 120	17	24

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-105539-4 MSD
Matrix: Ground Water
Analysis Batch: 319609

Client Sample ID: BCC Area C RFI-20 MSD_0916
Prep Type: Total/NA
Prep Batch: 319345

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthylene	ND		15.0	11.2		ug/L		75	63 - 120	15	18
Acetophenone	ND	F2	15.0	8.47	F2	ug/L		57	45 - 120	28	20
Aniline	ND	F1	15.0	5.28	J F1	ug/L		35	37 - 120	28	30
Anthracene	ND		15.0	12.8		ug/L		85	58 - 148	13	15
Atrazine	ND		29.9	32.0		ug/L		107	56 - 179	10	20
Benzaldehyde	ND	F1 F2	29.9	7.91	F1 F2	ug/L		26	30 - 140	31	20
Benzo(a)anthracene	ND		15.0	11.3		ug/L		76	55 - 151	10	15
Benzo(a)pyrene	ND	F1	15.0	8.73	F1	ug/L		58	60 - 145	11	15
Benzo(b)fluoranthene	ND		15.0	9.91		ug/L		66	54 - 140	9	15
Benzo(g,h,i)perylene	ND	F1	15.0	8.98	F1	ug/L		60	66 - 152	10	15
Benzo(k)fluoranthene	ND		15.0	8.58		ug/L		57	51 - 153	12	22
Biphenyl	ND		15.0	10.8		ug/L		73	30 - 140	19	20
bis (2-chloroisopropyl) ether	ND	F2	15.0	6.96	F2	ug/L		47	28 - 136	33	24
Bis(2-chloroethoxy)methane	ND	F2	15.0	8.82	F2	ug/L		59	50 - 128	28	17
Bis(2-chloroethyl)ether	ND	F1 F2	15.0	7.12	F1 F2	ug/L		48	51 - 120	35	21
Bis(2-ethylhexyl) phthalate	ND		15.0	9.15		ug/L		61	53 - 158	8	15
Butyl benzyl phthalate	ND		15.0	12.8		ug/L		86	58 - 163	10	16
Caprolactam	ND	F1 F2	29.9	7.52	F1 F2	ug/L		25	30 - 140	25	20
Carbazole	ND		15.0	13.8		ug/L		93	59 - 148	11	20
Chrysene	ND	F1	15.0	10.0	F1	ug/L		67	69 - 140	14	15
Dibenz(a,h)anthracene	ND	F1	15.0	7.81	F1	ug/L		52	57 - 158	9	15
Dibenzofuran	ND		15.0	12.3		ug/L		82	49 - 137	13	15
Diethyl phthalate	ND		15.0	13.7		ug/L		91	59 - 146	12	15
Dimethyl phthalate	ND		15.0	13.6		ug/L		91	59 - 141	15	15
Di-n-butyl phthalate	ND		15.0	13.8		ug/L		92	58 - 149	13	15
Di-n-octyl phthalate	ND		15.0	8.86		ug/L		59	55 - 167	7	16
Fluoranthene	ND		15.0	13.7		ug/L		91	55 - 147	13	15
Fluorene	ND		15.0	12.8		ug/L		86	55 - 143	14	15
Hexachlorobenzene	ND		15.0	12.3		ug/L		82	38 - 131	13	15
Hexachlorobutadiene	ND		15.0	7.51		ug/L		50	14 - 130	34	44
Hexachlorocyclopentadiene	ND		15.0	6.88		ug/L		46	13 - 130	27	49
Hexachloroethane	ND		15.0	6.56		ug/L		44	14 - 130	33	46
Indeno(1,2,3-cd)pyrene	ND	F1	15.0	8.42	F1	ug/L		56	69 - 146	10	15
Isophorone	ND	F2	15.0	9.59	F2	ug/L		64	48 - 133	24	17
Naphthalene	ND	F2	15.0	8.13	F2	ug/L		54	35 - 130	30	29
Nitrobenzene	ND	F2	15.0	8.43	F2	ug/L		56	45 - 123	35	24
N-Nitrosodi-n-propylamine	ND		15.0	8.35		ug/L		56	56 - 120	25	31
N-Nitrosodiphenylamine	ND		15.0	12.4		ug/L		83	25 - 125	15	15
Pentachlorophenol	ND		29.9	27.4		ug/L		92	39 - 136	12	37
Phenanthrene	ND		15.0	12.8		ug/L		86	57 - 147	13	15
Phenol	ND		15.0	6.15		ug/L		41	17 - 120	23	34
Pyrene	ND		15.0	13.1		ug/L		88	58 - 136	13	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*105*		*52 - 132*
2-Fluorobiphenyl	*73*		*48 - 120*
2-Fluorophenol	*44*		*20 - 120*
Nitrobenzene-d5	*59*		*46 - 120*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-105539-4 MSD
Matrix: Ground Water
Analysis Batch: 319609

Client Sample ID: BCC Area C RFI-20 MSD_0916
Prep Type: Total/NA
Prep Batch: 319345

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Phenol-d5	*39*		*16 - 120*
p-Terphenyl-d14	*65*	*X*	*67 - 150*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-319394/1-A
Matrix: Water
Analysis Batch: 319862

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 319394

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/08/16 09:36	09/09/16 14:45	1
Antimony	ND		0.020	0.0068	mg/L		09/08/16 09:36	09/09/16 14:45	1
Arsenic	ND		0.015	0.0056	mg/L		09/08/16 09:36	09/09/16 14:45	1
Barium	ND		0.0020	0.00070	mg/L		09/08/16 09:36	09/09/16 14:45	1
Beryllium	ND		0.0020	0.00030	mg/L		09/08/16 09:36	09/09/16 14:45	1
Cadmium	ND		0.0020	0.00050	mg/L		09/08/16 09:36	09/09/16 14:45	1
Calcium	ND		0.50	0.10	mg/L		09/08/16 09:36	09/09/16 14:45	1
Chromium	ND		0.0040	0.0010	mg/L		09/08/16 09:36	09/09/16 14:45	1
Cobalt	ND		0.0040	0.00063	mg/L		09/08/16 09:36	09/09/16 14:45	1
Copper	ND		0.010	0.0016	mg/L		09/08/16 09:36	09/09/16 14:45	1
Iron	ND		0.050	0.019	mg/L		09/08/16 09:36	09/09/16 14:45	1
Lead	ND		0.010	0.0030	mg/L		09/08/16 09:36	09/09/16 14:45	1
Magnesium	ND		0.20	0.043	mg/L		09/08/16 09:36	09/09/16 14:45	1
Manganese	ND		0.0030	0.00040	mg/L		09/08/16 09:36	09/09/16 14:45	1
Nickel	ND		0.010	0.0013	mg/L		09/08/16 09:36	09/09/16 14:45	1
Potassium	ND		0.50	0.10	mg/L		09/08/16 09:36	09/09/16 14:45	1
Selenium	ND		0.025	0.0087	mg/L		09/08/16 09:36	09/09/16 14:45	1
Silver	ND		0.0060	0.0017	mg/L		09/08/16 09:36	09/09/16 14:45	1
Sodium	ND		1.0	0.32	mg/L		09/08/16 09:36	09/09/16 14:45	1
Thallium	ND		0.020	0.010	mg/L		09/08/16 09:36	09/09/16 14:45	1
Vanadium	ND		0.0050	0.0015	mg/L		09/08/16 09:36	09/09/16 14:45	1
Zinc	ND		0.010	0.0015	mg/L		09/08/16 09:36	09/09/16 14:45	1

Lab Sample ID: LCS 480-319394/2-A
Matrix: Water
Analysis Batch: 319862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 319394

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	10.02		mg/L		100	80 - 120
Antimony	0.200	0.206		mg/L		103	80 - 120
Arsenic	0.200	0.207		mg/L		104	80 - 120
Barium	0.200	0.214		mg/L		107	80 - 120
Beryllium	0.200	0.211		mg/L		106	80 - 120
Cadmium	0.200	0.202		mg/L		101	80 - 120
Calcium	10.0	10.08		mg/L		101	80 - 120
Chromium	0.200	0.207		mg/L		103	80 - 120
Cobalt	0.200	0.196		mg/L		98	80 - 120
Copper	0.200	0.208		mg/L		104	80 - 120

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-319394/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 319862 — **Prep Batch: 319394**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	10.0	10.71		mg/L		107	80 - 120
Lead	0.200	0.210		mg/L		105	80 - 120
Magnesium	10.0	10.67		mg/L		107	80 - 120
Manganese	0.200	0.209		mg/L		105	80 - 120
Nickel	0.200	0.200		mg/L		100	80 - 120
Potassium	10.0	10.30		mg/L		103	80 - 120
Selenium	0.200	0.206		mg/L		103	80 - 120
Silver	0.0500	0.0507		mg/L		101	80 - 120
Sodium	10.0	10.10		mg/L		101	80 - 120
Thallium	0.200	0.203		mg/L		101	80 - 120
Vanadium	0.200	0.201		mg/L		101	80 - 120
Zinc	0.200	0.200		mg/L		100	80 - 120

Lab Sample ID: 480-105539-4 MS — **Client Sample ID: BCC Area C RFI-20 MS_0916**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 319862 — **Prep Batch: 319394**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	ND		10.0	9.82		mg/L		98	75 - 125
Antimony	ND		0.200	0.210		mg/L		105	75 - 125
Arsenic	0.016		0.200	0.231		mg/L		108	75 - 125
Barium	0.042		0.200	0.250		mg/L		104	75 - 125
Beryllium	ND		0.200	0.207		mg/L		104	75 - 125
Cadmium	ND		0.200	0.206		mg/L		103	75 - 125
Calcium	221		10.0	227.1	4	mg/L		59	75 - 125
Chromium	0.0017	J	0.200	0.207		mg/L		103	75 - 125
Cobalt	ND		0.200	0.200		mg/L		100	75 - 125
Copper	ND		0.200	0.209		mg/L		104	75 - 125
Iron	9.6		10.0	19.76		mg/L		102	75 - 125
Lead	0.0042	J	0.200	0.214		mg/L		105	75 - 125
Magnesium	20.5		10.0	30.66		mg/L		102	75 - 125
Manganese	0.47	F1	0.200	0.648		mg/L		90	75 - 125
Nickel	0.0040	J	0.200	0.207		mg/L		102	75 - 125
Potassium	11.5		10.0	21.19		mg/L		97	75 - 125
Selenium	ND		0.200	0.200		mg/L		100	75 - 125
Silver	ND		0.0500	0.0523		mg/L		105	75 - 125
Sodium	34.2		10.0	44.48		mg/L		102	75 - 125
Thallium	ND		0.200	0.202		mg/L		101	75 - 125
Vanadium	ND		0.200	0.205		mg/L		103	75 - 125
Zinc	0.0061	J	0.200	0.203		mg/L		99	75 - 125

Lab Sample ID: 480-105539-4 MSD — **Client Sample ID: BCC Area C RFI-20 MSD_0916**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 319862 — **Prep Batch: 319394**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	ND		10.0	9.58		mg/L		96	75 - 125	2	20
Antimony	ND		0.200	0.204		mg/L		102	75 - 125	3	20
Arsenic	0.016		0.200	0.224		mg/L		104	75 - 125	3	20

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-105539-4 MSD — **Client Sample ID: BCC Area C RFI-20 MSD_0916**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 319862 — **Prep Batch: 319394**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	0.042		0.200	0.243		mg/L		101	75 - 125	3	20
Beryllium	ND		0.200	0.201		mg/L		101	75 - 125	3	20
Cadmium	ND		0.200	0.200		mg/L		100	75 - 125	3	20
Calcium	221		10.0	217.6	4	mg/L		-36	75 - 125	4	20
Chromium	0.0017	J	0.200	0.201		mg/L		100	75 - 125	3	20
Cobalt	ND		0.200	0.194		mg/L		97	75 - 125	3	20
Copper	ND		0.200	0.206		mg/L		103	75 - 125	1	20
Iron	9.6		10.0	19.22		mg/L		96	75 - 125	3	20
Lead	0.0042	J	0.200	0.207		mg/L		102	75 - 125	3	20
Magnesium	20.5		10.0	29.52		mg/L		90	75 - 125	4	20
Manganese	0.47	F1	0.200	0.613	F1	mg/L		73	75 - 125	6	20
Nickel	0.0040	J	0.200	0.201		mg/L		98	75 - 125	3	20
Potassium	11.5		10.0	20.44		mg/L		89	75 - 125	4	20
Selenium	ND		0.200	0.202		mg/L		101	75 - 125	1	20
Silver	ND		0.0500	0.0511		mg/L		102	75 - 125	2	20
Sodium	34.2		10.0	42.88		mg/L		86	75 - 125	4	20
Thallium	ND		0.200	0.198		mg/L		99	75 - 125	2	20
Vanadium	ND		0.200	0.200		mg/L		100	75 - 125	2	20
Zinc	0.0061	J	0.200	0.196		mg/L		95	75 - 125	4	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-319344/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 319474 — **Prep Batch: 319344**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/08/16 07:50	09/08/16 12:20	1

Lab Sample ID: LCS 480-319344/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 319474 — **Prep Batch: 319344**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00695		mg/L		104	80 - 120

Lab Sample ID: 480-105539-4 MS — **Client Sample ID: BCC Area C RFI-20 MS_0916**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 319474 — **Prep Batch: 319344**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00720		mg/L		108	80 - 120

Lab Sample ID: 480-105539-4 MSD — **Client Sample ID: BCC Area C RFI-20 MSD_0916**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 319474 — **Prep Batch: 319344**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00692		mg/L		104	80 - 120	4	20

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Lab Sample ID: MB 480-319599/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 319725 — **Prep Batch: 319599**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/09/16 10:15	09/09/16 13:15	1

Lab Sample ID: LCS 480-319599/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 319725 — **Prep Batch: 319599**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00653		mg/L		98	80 - 120

Lab Sample ID: 480-105539-3 MS — **Client Sample ID: BCC Area C MW-C04_0916**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 319725 — **Prep Batch: 319599**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00014	J	0.00667	0.00730		mg/L		107	80 - 120

Lab Sample ID: 480-105539-3 MSD — **Client Sample ID: BCC Area C MW-C04_0916**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 319725 — **Prep Batch: 319599**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.00014	J	0.00667	0.00722		mg/L		106	80 - 120	1	20

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

GC/MS VOA

Analysis Batch: 319298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105539-2	BCC Area C RFI-31_0916	Total/NA	Ground Water	8260C	
MB 480-319298/7	Method Blank	Total/NA	Water	8260C	
LCS 480-319298/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 319407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105539-1	BCC Area C MW-C01_0916	Total/NA	Ground Water	8260C	
480-105539-3	BCC Area C MW-C04_0916	Total/NA	Ground Water	8260C	
480-105539-4	BCC Area C RFI-20_0916	Total/NA	Ground Water	8260C	
480-105539-6	BCC Area C PS-06_0916	Total/NA	Ground Water	8260C	
480-105539-8	TRIP BLANK	Total/NA	Water	8260C	
MB 480-319407/7	Method Blank	Total/NA	Water	8260C	
LCS 480-319407/5	Lab Control Sample	Total/NA	Water	8260C	
480-105539-4 MS	BCC Area C RFI-20 MS_0916	Total/NA	Ground Water	8260C	
480-105539-4 MSD	BCC Area C RFI-20 MSD_0916	Total/NA	Ground Water	8260C	

Analysis Batch: 319495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105539-7	BCC Area C RFI-20 D_0916	Total/NA	Ground Water	8260C	
MB 480-319495/7	Method Blank	Total/NA	Water	8260C	
LCS 480-319495/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 319583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105539-5	BCC Area C PS-05A_0916	Total/NA	Ground Water	8260C	
MB 480-319583/6	Method Blank	Total/NA	Water	8260C	
LCS 480-319583/4	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 319345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105539-1	BCC Area C MW-C01_0916	Total/NA	Ground Water	3510C	
480-105539-2	BCC Area C RFI-31_0916	Total/NA	Ground Water	3510C	
480-105539-3	BCC Area C MW-C04_0916	Total/NA	Ground Water	3510C	
480-105539-4	BCC Area C RFI-20_0916	Total/NA	Ground Water	3510C	
480-105539-5	BCC Area C PS-05A_0916	Total/NA	Ground Water	3510C	
480-105539-6	BCC Area C PS-06_0916	Total/NA	Ground Water	3510C	
480-105539-7	BCC Area C RFI-20 D_0916	Total/NA	Ground Water	3510C	
MB 480-319345/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-319345/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-105539-4 MS	BCC Area C RFI-20 MS_0916	Total/NA	Ground Water	3510C	
480-105539-4 MSD	BCC Area C RFI-20 MSD_0916	Total/NA	Ground Water	3510C	

Analysis Batch: 319609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105539-1	BCC Area C MW-C01_0916	Total/NA	Ground Water	8270D	319345
480-105539-2	BCC Area C RFI-31_0916	Total/NA	Ground Water	8270D	319345
480-105539-3	BCC Area C MW-C04_0916	Total/NA	Ground Water	8270D	319345
480-105539-4	BCC Area C RFI-20_0916	Total/NA	Ground Water	8270D	319345

GC/MS Semi VOA (Continued)

Analysis Batch: 319609 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105539-5	BCC Area C PS-05A_0916	Total/NA	Ground Water	8270D	319345
480-105539-6	BCC Area C PS-06_0916	Total/NA	Ground Water	8270D	319345
480-105539-7	BCC Area C RFI-20 D_0916	Total/NA	Ground Water	8270D	319345
MB 480-319345/1-A	Method Blank	Total/NA	Water	8270D	319345
LCS 480-319345/2-A	Lab Control Sample	Total/NA	Water	8270D	319345
480-105539-4 MS	BCC Area C RFI-20 MS_0916	Total/NA	Ground Water	8270D	319345
480-105539-4 MSD	BCC Area C RFI-20 MSD_0916	Total/NA	Ground Water	8270D	319345

Metals

Prep Batch: 319344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105539-1	BCC Area C MW-C01_0916	Total/NA	Ground Water	7470A	
480-105539-2	BCC Area C RFI-31_0916	Total/NA	Ground Water	7470A	
480-105539-4	BCC Area C RFI-20_0916	Total/NA	Ground Water	7470A	
480-105539-5	BCC Area C PS-05A_0916	Total/NA	Ground Water	7470A	
480-105539-6	BCC Area C PS-06_0916	Total/NA	Ground Water	7470A	
480-105539-7	BCC Area C RFI-20 D_0916	Total/NA	Ground Water	7470A	
MB 480-319344/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-319344/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-105539-4 MS	BCC Area C RFI-20 MS_0916	Total/NA	Ground Water	7470A	
480-105539-4 MSD	BCC Area C RFI-20 MSD_0916	Total/NA	Ground Water	7470A	

Prep Batch: 319394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105539-1	BCC Area C MW-C01_0916	Total/NA	Ground Water	3005A	
480-105539-2	BCC Area C RFI-31_0916	Total/NA	Ground Water	3005A	
480-105539-3	BCC Area C MW-C04_0916	Total/NA	Ground Water	3005A	
480-105539-4	BCC Area C RFI-20_0916	Total/NA	Ground Water	3005A	
480-105539-5	BCC Area C PS-05A_0916	Total/NA	Ground Water	3005A	
480-105539-6	BCC Area C PS-06_0916	Total/NA	Ground Water	3005A	
480-105539-7	BCC Area C RFI-20 D_0916	Total/NA	Ground Water	3005A	
MB 480-319394/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-319394/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-105539-4 MS	BCC Area C RFI-20 MS_0916	Total/NA	Ground Water	3005A	
480-105539-4 MSD	BCC Area C RFI-20 MSD_0916	Total/NA	Ground Water	3005A	

Analysis Batch: 319474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105539-1	BCC Area C MW-C01_0916	Total/NA	Ground Water	7470A	319344
480-105539-2	BCC Area C RFI-31_0916	Total/NA	Ground Water	7470A	319344
480-105539-4	BCC Area C RFI-20_0916	Total/NA	Ground Water	7470A	319344
480-105539-5	BCC Area C PS-05A_0916	Total/NA	Ground Water	7470A	319344
480-105539-6	BCC Area C PS-06_0916	Total/NA	Ground Water	7470A	319344
480-105539-7	BCC Area C RFI-20 D_0916	Total/NA	Ground Water	7470A	319344
MB 480-319344/1-A	Method Blank	Total/NA	Water	7470A	319344
LCS 480-319344/2-A	Lab Control Sample	Total/NA	Water	7470A	319344
480-105539-4 MS	BCC Area C RFI-20 MS_0916	Total/NA	Ground Water	7470A	319344
480-105539-4 MSD	BCC Area C RFI-20 MSD_0916	Total/NA	Ground Water	7470A	319344

Metals (Continued)

Prep Batch: 319599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105539-3	BCC Area C MW-C04_0916	Total/NA	Ground Water	7470A	
MB 480-319599/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-319599/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-105539-3 MS	BCC Area C MW-C04_0916	Total/NA	Ground Water	7470A	
480-105539-3 MSD	BCC Area C MW-C04_0916	Total/NA	Ground Water	7470A	

Analysis Batch: 319725

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105539-3	BCC Area C MW-C04_0916	Total/NA	Ground Water	7470A	319599
MB 480-319599/1-A	Method Blank	Total/NA	Water	7470A	319599
LCS 480-319599/2-A	Lab Control Sample	Total/NA	Water	7470A	319599
480-105539-3 MS	BCC Area C MW-C04_0916	Total/NA	Ground Water	7470A	319599
480-105539-3 MSD	BCC Area C MW-C04_0916	Total/NA	Ground Water	7470A	319599

Analysis Batch: 319862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105539-1	BCC Area C MW-C01_0916	Total/NA	Ground Water	6010C	319394
480-105539-2	BCC Area C RFI-31_0916	Total/NA	Ground Water	6010C	319394
480-105539-3	BCC Area C MW-C04_0916	Total/NA	Ground Water	6010C	319394
480-105539-4	BCC Area C RFI-20_0916	Total/NA	Ground Water	6010C	319394
480-105539-5	BCC Area C PS-05A_0916	Total/NA	Ground Water	6010C	319394
480-105539-6	BCC Area C PS-06_0916	Total/NA	Ground Water	6010C	319394
480-105539-7	BCC Area C RFI-20 D_0916	Total/NA	Ground Water	6010C	319394
MB 480-319394/1-A	Method Blank	Total/NA	Water	6010C	319394
LCS 480-319394/2-A	Lab Control Sample	Total/NA	Water	6010C	319394
480-105539-4 MS	BCC Area C RFI-20 MS_0916	Total/NA	Ground Water	6010C	319394
480-105539-4 MSD	BCC Area C RFI-20 MSD_0916	Total/NA	Ground Water	6010C	319394

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C MW-C01_0916

Lab Sample ID: 480-105539-1

Date Collected: 09/07/16 12:40
Matrix: Ground Water
Date Received: 09/07/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	319407	09/08/16 14:19	RRS	TAL BUF
Total/NA	Prep	3510C			319345	09/08/16 07:22	CPH	TAL BUF
Total/NA	Analysis	8270D		1	319609	09/09/16 17:59	PJQ	TAL BUF
Total/NA	Prep	3005A			319394	09/08/16 09:36	BMB	TAL BUF
Total/NA	Analysis	6010C		1	319862	09/09/16 15:21	AMH	TAL BUF
Total/NA	Prep	7470A			319344	09/08/16 07:50	JRK	TAL BUF
Total/NA	Analysis	7470A		1	319474	09/08/16 12:23	JRK	TAL BUF

Client Sample ID: BCC Area C RFI-31_0916

Lab Sample ID: 480-105539-2

Date Collected: 09/07/16 13:20
Matrix: Ground Water
Date Received: 09/07/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		25	319298	09/08/16 05:24	GTG	TAL BUF
Total/NA	Prep	3510C			319345	09/08/16 07:22	CPH	TAL BUF
Total/NA	Analysis	8270D		1	319609	09/09/16 18:28	PJQ	TAL BUF
Total/NA	Prep	3005A			319394	09/08/16 09:36	BMB	TAL BUF
Total/NA	Analysis	6010C		1	319862	09/09/16 15:25	AMH	TAL BUF
Total/NA	Prep	7470A			319344	09/08/16 07:50	JRK	TAL BUF
Total/NA	Analysis	7470A		1	319474	09/08/16 12:25	JRK	TAL BUF

Client Sample ID: BCC Area C MW-C04_0916

Lab Sample ID: 480-105539-3

Date Collected: 09/07/16 11:45
Matrix: Ground Water
Date Received: 09/07/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	319407	09/08/16 14:44	RRS	TAL BUF
Total/NA	Prep	3510C			319345	09/08/16 07:22	CPH	TAL BUF
Total/NA	Analysis	8270D		1	319609	09/09/16 18:57	PJQ	TAL BUF
Total/NA	Prep	3005A			319394	09/08/16 09:36	BMB	TAL BUF
Total/NA	Analysis	6010C		1	319862	09/09/16 15:28	AMH	TAL BUF
Total/NA	Prep	7470A			319599	09/09/16 10:15	JRK	TAL BUF
Total/NA	Analysis	7470A		1	319725	09/09/16 13:18	JRK	TAL BUF

Client Sample ID: BCC Area C RFI-20_0916

Lab Sample ID: 480-105539-4

Date Collected: 09/07/16 09:40
Matrix: Ground Water
Date Received: 09/07/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	319407	09/08/16 15:08	RRS	TAL BUF
Total/NA	Prep	3510C			319345	09/08/16 07:22	CPH	TAL BUF
Total/NA	Analysis	8270D		1	319609	09/09/16 19:26	PJQ	TAL BUF

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: BCC Area C RFI-20_0916

Lab Sample ID: 480-105539-4

Date Collected: 09/07/16 09:40
Matrix: Ground Water
Date Received: 09/07/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			319394	09/08/16 09:36	BMB	TAL BUF
Total/NA	Analysis	6010C		1	319862	09/09/16 15:32	AMH	TAL BUF
Total/NA	Prep	7470A			319344	09/08/16 07:50	JRK	TAL BUF
Total/NA	Analysis	7470A		1	319474	09/08/16 12:28	JRK	TAL BUF

Client Sample ID: BCC Area C PS-05A_0916

Lab Sample ID: 480-105539-5

Date Collected: 09/07/16 15:00
Matrix: Ground Water
Date Received: 09/07/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	319583	09/09/16 12:17	GTG	TAL BUF
Total/NA	Prep	3510C			319345	09/08/16 07:22	CPH	TAL BUF
Total/NA	Analysis	8270D		1	319609	09/09/16 19:54	PJQ	TAL BUF
Total/NA	Prep	3005A			319394	09/08/16 09:36	BMB	TAL BUF
Total/NA	Analysis	6010C		1	319862	09/09/16 15:52	AMH	TAL BUF
Total/NA	Prep	7470A			319344	09/08/16 07:50	JRK	TAL BUF
Total/NA	Analysis	7470A		1	319474	09/08/16 12:40	JRK	TAL BUF

Client Sample ID: BCC Area C PS-06_0916

Lab Sample ID: 480-105539-6

Date Collected: 09/07/16 08:20
Matrix: Ground Water
Date Received: 09/07/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	319407	09/08/16 15:57	RRS	TAL BUF
Total/NA	Prep	3510C			319345	09/08/16 07:22	CPH	TAL BUF
Total/NA	Analysis	8270D		1	319609	09/09/16 20:23	PJQ	TAL BUF
Total/NA	Prep	3005A			319394	09/08/16 09:36	BMB	TAL BUF
Total/NA	Analysis	6010C		1	319862	09/09/16 15:55	AMH	TAL BUF
Total/NA	Prep	7470A			319344	09/08/16 07:50	JRK	TAL BUF
Total/NA	Analysis	7470A		1	319474	09/08/16 12:42	JRK	TAL BUF

Client Sample ID: BCC Area C RFI-20 D_0916

Lab Sample ID: 480-105539-7

Date Collected: 09/07/16 09:55
Matrix: Ground Water
Date Received: 09/07/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	319495	09/09/16 01:26	GTG	TAL BUF
Total/NA	Prep	3510C			319345	09/08/16 07:22	CPH	TAL BUF
Total/NA	Analysis	8270D		1	319609	09/09/16 20:51	PJQ	TAL BUF
Total/NA	Prep	3005A			319394	09/08/16 09:36	BMB	TAL BUF
Total/NA	Analysis	6010C		1	319862	09/09/16 15:59	AMH	TAL BUF
Total/NA	Prep	7470A			319344	09/08/16 07:50	JRK	TAL BUF
Total/NA	Analysis	7470A		1	319474	09/08/16 12:44	JRK	TAL BUF

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-105539-8

Date Collected: 09/07/16 00:00

Matrix: Water

Date Received: 09/07/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	319407	09/08/16 16:45	RRS	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-17

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-105539-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-105539-1	BCC Area C MW-C01_0916	Ground Water	09/07/16 12:40	09/07/16 16:10
480-105539-2	BCC Area C RFI-31_0916	Ground Water	09/07/16 13:20	09/07/16 16:10
480-105539-3	BCC Area C MW-C04_0916	Ground Water	09/07/16 11:45	09/07/16 16:10
480-105539-4	BCC Area C RFI-20_0916	Ground Water	09/07/16 09:40	09/07/16 16:10
480-105539-5	BCC Area C PS-05A_0916	Ground Water	09/07/16 15:00	09/07/16 16:10
480-105539-6	BCC Area C PS-06_0916	Ground Water	09/07/16 08:20	09/07/16 16:10
480-105539-7	BCC Area C RFI-20 D_0916	Ground Water	09/07/16 09:55	09/07/16 16:10
480-105539-8	TRIP BLANK	Water	09/07/16 00:00	09/07/16 16:10

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Schove, John	Site Contact: Tom Wagner	Date: 9-7-16	COC No: 480031591.0916
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY, 14203	Calendar (C) or Work Days (W) W			
716-856-3333 Phone	TAT			
716-842-1630 FAX	[X] 2 weeks			SD(
Project Name: Buffalo Color Area C Wells	[ ] 1 week			
Site: HoneyWell Buffalo Color - NYC915231 EIM SITE ID - 37745	[ ] 2 days			
PO# [redacted] 59080	[ ] 1 day			480-105539 COC

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	6010B, 7470A (TAL Metals)	8270C - (MOD) TLC SVOA - 4.2 list + analine	Sample Specific Notes:
BCC_Area C_MW-C01_0916	9/7/16	1240	G	W	6	N	3	1	2	
BCC_Area C_RFI-31_0916	9/7/16	1320	G	W	6	N	3	1	2	
BCC_Area C_PS-04_0916	9/7/16		G	W	6	N	3	1	2	Well "DRY"
BCC_Area C_MW-C04_0916	9/7/16	1145	G	W	6	N	3	1	2	
BCC_Area C_RFI-20_0916	9/7/16	0940	G	W	6	N	3	1	2	
BCC_Area C_PS-05A_0916	9/7/16	1500	G	W	6	N	2	1	1	Short - "Went Dry"
BCC_Area C_PS-06_0916	9/7/16	0820	G	W	6	N	3	1	2	
BCC_Area C_RFI-20D_0916	9/7/16	0955	G	W	6	N	3	1	2	
BCC_Area C_RFI-20MS_0916	9/7/16	1010	G	W	6	N	3	1	2	
BCC_Area C_RFI-20MSD_0916	9/7/16	1030	G	W	6	N	3	1	2	
Trip Blank	N/A	N/A	N/A	W	2		2			
Container Volume (ml)							40	250	1000 250	
							2-V	4-P	1-A	

Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other

Possible Hazard Identification
[ ] *Non-Hazard* [ ] *Flammable* [ ] *Skin Irritant* [ ] *Poison B* [X] *Unknown*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
[ ] *Return To Client* [X] *Disposal By Lab* [ ] *Archive For* _____ *Months*

Special Instructions/QC Requirements & Comments:

Container Code: A=Amber G=Glass P=Poly/Plastic S=Summa T=Tedlar V=Vial

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	9/7/16 1611	Curtis	TA	9/7/16 1610
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

2.4 4.1 #1

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-105539-1

Login Number: 105539

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OSC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-109026-1
Client Project/Site: Buffalo Color Area C Wells
Sampling Event: Buffalo Color Area C Wells

For:
Ontario Specialty Contracting, Inc.
333 Ganson St.
Buffalo, New York 14203

Attn: Kirsten Colligan

Authorized for release by:
11/16/2016 1:46:33 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-109026-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-109026-1

Comments
No additional comments.

Receipt
The samples were received on 11/3/2016 5:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 4.2º C and 5.0º C.

GC/MS VOA
Method(s) 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: BCC Area C PS-06_1116 (480-109026-7). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area C RFI-31_1116 (480-109026-2) and BCC Area C MW-C04_1116 (480-109026-4). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-331551 recovered above the upper control limit for Cyclohexane, 1,1,2-Trichloro-1,2,2-trifluoroethane and Methylcyclohexane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data has been reported. The following samples are impacted: BCC Area C MW-C01_1116 (480-109026-1), BCC Area C RFI-31_1116 (480-109026-2), BCC Area C PS-04_1116 (480-109026-3), BCC Area C MW-C04_1116 (480-109026-4), BCC Area C RFI-20_1116 (480-109026-5), BCC Area C PS-06_1116 (480-109026-7), BCC Area C PS-05A D_1116 (480-109026-8) and TRIP BLANK (480-109026-9).

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area C PS-05A_1116 (480-109026-6), BCC Area C PS-05A MS_1116 (480-109026-6[MS]), BCC Area C PS-05A MSD_1116 (480-109026-6[MSD]) and BCC Area C PS-05A D_1116 (480-109026-8). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-330389 recovered outside acceptance criteria, low biased, for Bis(2-chloroethyl)ether and N-Nitrosodi-n-propylamine. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported: BCC Area C MW-C01_1116 (480-109026-1), BCC Area C PS-04_1116 (480-109026-3), BCC Area C PS-05A_1116 (480-109026-6), BCC Area C PS-05A MS_1116 (480-109026-6[MS]) and BCC Area C PS-05A MSD_1116 (480-109026-6[MSD]).

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: BCC Area C PS-05A MS_1116 (480-109026-6[MS]) and BCC Area C PS-05A MSD_1116 (480-109026-6[MSD]). These results have been reported and qualified.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-330390 recovered outside acceptance criteria, low biased, for 4-Nitroaniline, 4-Nitrophenol and N-Nitrosodi-n-propylamine. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported: BCC Area C MW-C04_1116 (480-109026-4), BCC Area C RFI-20_1116 (480-109026-5), BCC Area C PS-06_1116 (480-109026-7) and BCC Area C PS-05A D_1116 (480-109026-8).

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: BCC Area C PS-05A D_1116 (480-109026-8). These results have been reported and qualified.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-331072 recovered above the upper control limit for bis (2-chloroisopropyl) ether. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: BCC Area C RFI-31_1116 (480-109026-2).

Job ID: 480-109026-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-331072 recovered outside acceptance criteria, low biased, for Aniline, Bis(2-chloroethyl)ether, N-Nitrosodi-n-propylamine and Phenol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated sample was non-detect for this analyte, the data have been reported: BCC Area C RFI-31_1116 (480-109026-2).

Method(s) 8270D: The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 480-331072 was outside criteria for the following analyte: Bis(2-chloroethoxy)methane. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered estimated: BCC Area C RFI-31_1116 (480-109026-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C MW-C01_1116 — Lab Sample ID: 480-109026-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.29		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.12		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	127		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0039	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0065	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.52		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0082	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	19.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.029		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0020	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	50.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	329		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.037		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C RFI-31_1116 — Lab Sample ID: 480-109026-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	580		25	10	ug/L	25		8260C	Total/NA
1,2-Dichlorobenzene	34		25	20	ug/L	25		8260C	Total/NA
1,3-Dichlorobenzene	700		25	20	ug/L	25		8260C	Total/NA
1,4-Dichlorobenzene	66		25	21	ug/L	25		8260C	Total/NA
Chlorobenzene	150		25	19	ug/L	25		8260C	Total/NA
2,4,5-Trichlorophenol	0.49	J	4.6	0.44	ug/L	1		8270D	Total/NA
2,4-Dichlorophenol	2.1	J	4.6	0.47	ug/L	1		8270D	Total/NA
4-Chloroaniline	0.58	J	4.6	0.54	ug/L	1		8270D	Total/NA
Arsenic	0.040		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.035		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	486		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0016	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0030	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	13.6		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0051	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	191		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.5		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0047	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	11.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	2310		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0090	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-04_1116 — Lab Sample ID: 480-109026-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.12	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.094		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.015		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	374		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0017	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.020		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.029		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.30		0.050	0.019	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area C PS-04_1116 (Continued) — Lab Sample ID: 480-109026-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0030	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	50.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.034		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.16		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	10.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	27.8		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.96		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C MW-C04_1116 — Lab Sample ID: 480-109026-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Dichlorobenzene	17		10	7.8	ug/L	10		8260C	Total/NA
1,4-Dichlorobenzene	29		10	8.4	ug/L	10		8260C	Total/NA
Chlorobenzene	320		10	7.5	ug/L	10		8260C	Total/NA
2-Chlorophenol	1.4	J	4.6	0.49	ug/L	1		8270D	Total/NA
N-Nitrosodiphenylamine	0.81	J	4.6	0.47	ug/L	1		8270D	Total/NA
Aluminum	0.084	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.32		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	280		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0011	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0024	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	7.5		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0059	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	34.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.6		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	10.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	38.9		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0062	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C RFI-20_1116 — Lab Sample ID: 480-109026-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	7.0		1.0	0.75	ug/L	1		8260C	Total/NA
Barium	0.041		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0013	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	122		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0010	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0014	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0030	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	2.0		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	17.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.22		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.022		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	7.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	22.6		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.035		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-05A_1116 — Lab Sample ID: 480-109026-6

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area C PS-05A_1116 (Continued) — Lab Sample ID: 480-109026-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	23	J	50	15	ug/L	5		8260C	Total/NA
Chlorobenzene	250		5.0	3.8	ug/L	5		8260C	Total/NA
2-Chlorophenol	0.63	J	4.7	0.50	ug/L	1		8270D	Total/NA
4-Methylphenol	0.53	J	9.4	0.34	ug/L	1		8270D	Total/NA
Aluminum	0.26		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.13		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.043		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0021		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	412		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0088		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.015		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	117		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0076	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	53.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	2.0		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.019		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	15.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	105		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.44		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-06_1116 — Lab Sample ID: 480-109026-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.066	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.11		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.013		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0014	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	283		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	66.8		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0058	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	17.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.36		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0036	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	77.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	128		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.026		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-05A D_1116 — Lab Sample ID: 480-109026-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	3.7		1.0	0.79	ug/L	1		8260C	Total/NA
Acetone	24		10	3.0	ug/L	1		8260C	Total/NA
Chlorobenzene - DL	250		5.0	3.8	ug/L	5		8260C	Total/NA
4-Methylphenol	0.54	J	9.3	0.33	ug/L	1		8270D	Total/NA
Aluminum	0.24		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.13		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.043		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0021		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	420		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0011	J	0.0040	0.0010	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C PS-05A D_1116 (Continued) — Lab Sample ID: 480-109026-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.0090		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.015		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	118		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0086	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	55.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	2.0		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.020		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	15.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	106		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.45		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-109026-9

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C MW-C01_1116

Lab Sample ID: 480-109026-1

Date Collected: 11/03/16 15:40

Matrix: Ground Water

Date Received: 11/03/16 17:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/15/16 00:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/15/16 00:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/15/16 00:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/15/16 00:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/15/16 00:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/15/16 00:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/15/16 00:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/15/16 00:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/15/16 00:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/15/16 00:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/15/16 00:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/15/16 00:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/15/16 00:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/15/16 00:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/15/16 00:01	1
2-Hexanone	ND		5.0	1.2	ug/L			11/15/16 00:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/15/16 00:01	1
Acetone	ND		10	3.0	ug/L			11/15/16 00:01	1
Benzene	ND		1.0	0.41	ug/L			11/15/16 00:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/15/16 00:01	1
Bromoform	ND		1.0	0.26	ug/L			11/15/16 00:01	1
Bromomethane	ND		1.0	0.69	ug/L			11/15/16 00:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/15/16 00:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/15/16 00:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/15/16 00:01	1
Chloroethane	ND		1.0	0.32	ug/L			11/15/16 00:01	1
Chloroform	ND		1.0	0.34	ug/L			11/15/16 00:01	1
Chloromethane	ND		1.0	0.35	ug/L			11/15/16 00:01	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/15/16 00:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/15/16 00:01	1
Cyclohexane	ND		1.0	0.18	ug/L			11/15/16 00:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/15/16 00:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/15/16 00:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/15/16 00:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/15/16 00:01	1
Methyl acetate	ND		2.5	1.3	ug/L			11/15/16 00:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/15/16 00:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/15/16 00:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/15/16 00:01	1
Styrene	ND		1.0	0.73	ug/L			11/15/16 00:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/15/16 00:01	1
Toluene	ND		1.0	0.51	ug/L			11/15/16 00:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/15/16 00:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/15/16 00:01	1
Trichloroethene	ND		1.0	0.46	ug/L			11/15/16 00:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/15/16 00:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/15/16 00:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/15/16 00:01	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C MW-C01_1116

Lab Sample ID: 480-109026-1

Date Collected: 11/03/16 15:40
Matrix: Ground Water
Date Received: 11/03/16 17:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*11/15/16 00:01*	*1*
4-Bromofluorobenzene (Surr)	*88*		*73 - 120*		*11/15/16 00:01*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*11/15/16 00:01*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*11/15/16 00:01*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.6	0.44	ug/L		11/05/16 07:26	11/08/16 23:27	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		11/05/16 07:26	11/08/16 23:27	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		11/05/16 07:26	11/08/16 23:27	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/05/16 07:26	11/08/16 23:27	1
2,4-Dinitrophenol	ND		9.2	2.0	ug/L		11/05/16 07:26	11/08/16 23:27	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		11/05/16 07:26	11/08/16 23:27	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		11/05/16 07:26	11/08/16 23:27	1
2-Chloronaphthalene	ND		4.6	0.42	ug/L		11/05/16 07:26	11/08/16 23:27	1
2-Chlorophenol	ND		4.6	0.49	ug/L		11/05/16 07:26	11/08/16 23:27	1
2-Methylnaphthalene	ND		4.6	0.55	ug/L		11/05/16 07:26	11/08/16 23:27	1
2-Methylphenol	ND		4.6	0.37	ug/L		11/05/16 07:26	11/08/16 23:27	1
2-Nitroaniline	ND		9.2	0.39	ug/L		11/05/16 07:26	11/08/16 23:27	1
2-Nitrophenol	ND		4.6	0.44	ug/L		11/05/16 07:26	11/08/16 23:27	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		11/05/16 07:26	11/08/16 23:27	1
3-Nitroaniline	ND		9.2	0.44	ug/L		11/05/16 07:26	11/08/16 23:27	1
4,6-Dinitro-2-methylphenol	ND		9.2	2.0	ug/L		11/05/16 07:26	11/08/16 23:27	1
4-Bromophenyl phenyl ether	ND		4.6	0.41	ug/L		11/05/16 07:26	11/08/16 23:27	1
4-Chloro-3-methylphenol	ND		4.6	0.41	ug/L		11/05/16 07:26	11/08/16 23:27	1
4-Chloroaniline	ND		4.6	0.54	ug/L		11/05/16 07:26	11/08/16 23:27	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		11/05/16 07:26	11/08/16 23:27	1
4-Methylphenol	ND		9.2	0.33	ug/L		11/05/16 07:26	11/08/16 23:27	1
4-Nitroaniline	ND		9.2	0.23	ug/L		11/05/16 07:26	11/08/16 23:27	1
4-Nitrophenol	ND		9.2	1.4	ug/L		11/05/16 07:26	11/08/16 23:27	1
Acenaphthene	ND		4.6	0.38	ug/L		11/05/16 07:26	11/08/16 23:27	1
Acenaphthylene	ND		4.6	0.35	ug/L		11/05/16 07:26	11/08/16 23:27	1
Acetophenone	ND		4.6	0.50	ug/L		11/05/16 07:26	11/08/16 23:27	1
Aniline	ND		9.2	0.56	ug/L		11/05/16 07:26	11/08/16 23:27	1
Anthracene	ND		4.6	0.26	ug/L		11/05/16 07:26	11/08/16 23:27	1
Atrazine	ND		4.6	0.42	ug/L		11/05/16 07:26	11/08/16 23:27	1
Benzaldehyde	ND		4.6	0.25	ug/L		11/05/16 07:26	11/08/16 23:27	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		11/05/16 07:26	11/08/16 23:27	1
Benzo(a)pyrene	ND		4.6	0.43	ug/L		11/05/16 07:26	11/08/16 23:27	1
Benzo(b)fluoranthene	ND		4.6	0.31	ug/L		11/05/16 07:26	11/08/16 23:27	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		11/05/16 07:26	11/08/16 23:27	1
Benzo(k)fluoranthene	ND		4.6	0.67	ug/L		11/05/16 07:26	11/08/16 23:27	1
Biphenyl	ND		4.6	0.60	ug/L		11/05/16 07:26	11/08/16 23:27	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		11/05/16 07:26	11/08/16 23:27	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		11/05/16 07:26	11/08/16 23:27	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		11/05/16 07:26	11/08/16 23:27	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		11/05/16 07:26	11/08/16 23:27	1
Butyl benzyl phthalate	ND		4.6	0.92	ug/L		11/05/16 07:26	11/08/16 23:27	1
Caprolactam	ND		4.6	2.0	ug/L		11/05/16 07:26	11/08/16 23:27	1
Carbazole	ND		4.6	0.28	ug/L		11/05/16 07:26	11/08/16 23:27	1

Client Sample ID: BCC Area C MW-C01_1116

Lab Sample ID: 480-109026-1

Date Collected: 11/03/16 15:40

Matrix: Ground Water

Date Received: 11/03/16 17:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.6	0.30	ug/L		11/05/16 07:26	11/08/16 23:27	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		11/05/16 07:26	11/08/16 23:27	1
Dibenzofuran	ND		9.2	0.47	ug/L		11/05/16 07:26	11/08/16 23:27	1
Diethyl phthalate	ND		4.6	0.20	ug/L		11/05/16 07:26	11/08/16 23:27	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		11/05/16 07:26	11/08/16 23:27	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		11/05/16 07:26	11/08/16 23:27	1
Di-n-octyl phthalate	ND		4.6	0.43	ug/L		11/05/16 07:26	11/08/16 23:27	1
Fluoranthene	ND		4.6	0.37	ug/L		11/05/16 07:26	11/08/16 23:27	1
Fluorene	ND		4.6	0.33	ug/L		11/05/16 07:26	11/08/16 23:27	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		11/05/16 07:26	11/08/16 23:27	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		11/05/16 07:26	11/08/16 23:27	1
Hexachlorocyclopentadiene	ND		4.6	0.54	ug/L		11/05/16 07:26	11/08/16 23:27	1
Hexachloroethane	ND		4.6	0.54	ug/L		11/05/16 07:26	11/08/16 23:27	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.43	ug/L		11/05/16 07:26	11/08/16 23:27	1
Isophorone	ND		4.6	0.40	ug/L		11/05/16 07:26	11/08/16 23:27	1
Naphthalene	ND		4.6	0.70	ug/L		11/05/16 07:26	11/08/16 23:27	1
Nitrobenzene	ND		4.6	0.27	ug/L		11/05/16 07:26	11/08/16 23:27	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		11/05/16 07:26	11/08/16 23:27	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		11/05/16 07:26	11/08/16 23:27	1
Pentachlorophenol	ND		9.2	2.0	ug/L		11/05/16 07:26	11/08/16 23:27	1
Phenanthrene	ND		4.6	0.41	ug/L		11/05/16 07:26	11/08/16 23:27	1
Phenol	ND		4.6	0.36	ug/L		11/05/16 07:26	11/08/16 23:27	1
Pyrene	ND		4.6	0.31	ug/L		11/05/16 07:26	11/08/16 23:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*75*		*52 - 132*	*11/05/16 07:26*	*11/08/16 23:27*	*1*
2-Fluorobiphenyl	*65*		*48 - 120*	*11/05/16 07:26*	*11/08/16 23:27*	*1*
2-Fluorophenol	*44*		*20 - 120*	*11/05/16 07:26*	*11/08/16 23:27*	*1*
Nitrobenzene-d5	*55*		*46 - 120*	*11/05/16 07:26*	*11/08/16 23:27*	*1*
Phenol-d5	*31*		*16 - 120*	*11/05/16 07:26*	*11/08/16 23:27*	*1*
p-Terphenyl-d14	*74*		*67 - 150*	*11/05/16 07:26*	*11/08/16 23:27*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.29**		0.20	0.060	mg/L		11/04/16 12:40	11/08/16 09:16	1
Antimony	ND		0.020	0.0068	mg/L		11/04/16 12:40	11/08/16 09:16	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/16 12:40	11/08/16 09:16	1
Barium	**0.12**		0.0020	0.00070	mg/L		11/04/16 12:40	11/08/16 09:16	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/16 12:40	11/08/16 09:16	1
Cadmium	ND		0.0020	0.00050	mg/L		11/04/16 12:40	11/08/16 09:16	1
Calcium	**127**		0.50	0.10	mg/L		11/04/16 12:40	11/08/16 09:16	1
Chromium	**0.0039**	**J**	0.0040	0.0010	mg/L		11/04/16 12:40	11/08/16 09:16	1
Cobalt	ND		0.0040	0.00063	mg/L		11/04/16 12:40	11/08/16 09:16	1
Copper	**0.0065**	**J**	0.010	0.0016	mg/L		11/04/16 12:40	11/08/16 09:16	1
Iron	**0.52**		0.050	0.019	mg/L		11/04/16 12:40	11/08/16 09:16	1
Lead	**0.0082**	**J**	0.010	0.0030	mg/L		11/04/16 12:40	11/08/16 09:16	1
Magnesium	**19.1**		0.20	0.043	mg/L		11/04/16 12:40	11/08/16 09:16	1
Manganese	**0.029**		0.0030	0.00040	mg/L		11/04/16 12:40	11/08/16 09:16	1
Nickel	**0.0020**	**J**	0.010	0.0013	mg/L		11/04/16 12:40	11/08/16 09:16	1
Potassium	**50.9**		0.50	0.10	mg/L		11/04/16 12:40	11/08/16 09:16	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C MW-C01_1116

Lab Sample ID: 480-109026-1

Date Collected: 11/03/16 15:40

Matrix: Ground Water

Date Received: 11/03/16 17:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/04/16 12:40	11/08/16 09:16	1
Silver	ND		0.0060	0.0017	mg/L		11/04/16 12:40	11/08/16 09:16	1
Sodium	**329**		1.0	0.32	mg/L		11/04/16 12:40	11/08/16 09:16	1
Thallium	ND		0.020	0.010	mg/L		11/04/16 12:40	11/08/16 09:16	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/16 12:40	11/08/16 09:16	1
Zinc	**0.037**		0.010	0.0015	mg/L		11/04/16 12:40	11/08/16 09:16	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/07/16 08:25	11/07/16 12:47	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C RFI-31_1116

Lab Sample ID: 480-109026-2

Date Collected: 11/03/16 15:10

Matrix: Ground Water

Date Received: 11/03/16 17:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		25	21	ug/L			11/15/16 00:25	25
1,1,2,2-Tetrachloroethane	ND		25	5.3	ug/L			11/15/16 00:25	25
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25	7.8	ug/L			11/15/16 00:25	25
1,1,2-Trichloroethane	ND		25	5.8	ug/L			11/15/16 00:25	25
1,1-Dichloroethane	ND		25	9.5	ug/L			11/15/16 00:25	25
1,1-Dichloroethene	ND		25	7.3	ug/L			11/15/16 00:25	25
1,2,4-Trichlorobenzene	**580**		25	10	ug/L			11/15/16 00:25	25
1,2-Dibromo-3-Chloropropane	ND		25	9.8	ug/L			11/15/16 00:25	25
1,2-Dibromoethane	ND		25	18	ug/L			11/15/16 00:25	25
1,2-Dichlorobenzene	**34**		25	20	ug/L			11/15/16 00:25	25
1,2-Dichloroethane	ND		25	5.3	ug/L			11/15/16 00:25	25
1,2-Dichloropropane	ND		25	18	ug/L			11/15/16 00:25	25
1,3-Dichlorobenzene	**700**		25	20	ug/L			11/15/16 00:25	25
1,4-Dichlorobenzene	**66**		25	21	ug/L			11/15/16 00:25	25
2-Butanone (MEK)	ND		250	33	ug/L			11/15/16 00:25	25
2-Hexanone	ND		130	31	ug/L			11/15/16 00:25	25
4-Methyl-2-pentanone (MIBK)	ND		130	53	ug/L			11/15/16 00:25	25
Acetone	ND		250	75	ug/L			11/15/16 00:25	25
Benzene	ND		25	10	ug/L			11/15/16 00:25	25
Bromodichloromethane	ND		25	9.8	ug/L			11/15/16 00:25	25
Bromoform	ND		25	6.5	ug/L			11/15/16 00:25	25
Bromomethane	ND		25	17	ug/L			11/15/16 00:25	25
Carbon disulfide	ND		25	4.8	ug/L			11/15/16 00:25	25
Carbon tetrachloride	ND		25	6.8	ug/L			11/15/16 00:25	25
Chlorobenzene	**150**		25	19	ug/L			11/15/16 00:25	25
Chloroethane	ND		25	8.0	ug/L			11/15/16 00:25	25
Chloroform	ND		25	8.5	ug/L			11/15/16 00:25	25
Chloromethane	ND		25	8.8	ug/L			11/15/16 00:25	25
cis-1,2-Dichloroethene	ND		25	20	ug/L			11/15/16 00:25	25
cis-1,3-Dichloropropene	ND		25	9.0	ug/L			11/15/16 00:25	25
Cyclohexane	ND		25	4.5	ug/L			11/15/16 00:25	25
Dibromochloromethane	ND		25	8.0	ug/L			11/15/16 00:25	25
Dichlorodifluoromethane	ND		25	17	ug/L			11/15/16 00:25	25
Ethylbenzene	ND		25	19	ug/L			11/15/16 00:25	25
Isopropylbenzene	ND		25	20	ug/L			11/15/16 00:25	25
Methyl acetate	ND		63	33	ug/L			11/15/16 00:25	25
Methyl tert-butyl ether	ND		25	4.0	ug/L			11/15/16 00:25	25
Methylcyclohexane	ND		25	4.0	ug/L			11/15/16 00:25	25
Methylene Chloride	ND		25	11	ug/L			11/15/16 00:25	25
Styrene	ND		25	18	ug/L			11/15/16 00:25	25
Tetrachloroethene	ND		25	9.0	ug/L			11/15/16 00:25	25
Toluene	ND		25	13	ug/L			11/15/16 00:25	25
trans-1,2-Dichloroethene	ND		25	23	ug/L			11/15/16 00:25	25
trans-1,3-Dichloropropene	ND		25	9.3	ug/L			11/15/16 00:25	25
Trichloroethene	ND		25	12	ug/L			11/15/16 00:25	25
Trichlorofluoromethane	ND		25	22	ug/L			11/15/16 00:25	25
Vinyl chloride	ND		25	23	ug/L			11/15/16 00:25	25
Xylenes, Total	ND		50	17	ug/L			11/15/16 00:25	25

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C RFI-31_1116

Lab Sample ID: 480-109026-2

Date Collected: 11/03/16 15:10

Matrix: Ground Water

Date Received: 11/03/16 17:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*11/15/16 00:25*	*25*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*11/15/16 00:25*	*25*
Toluene-d8 (Surr)	*92*		*80 - 120*		*11/15/16 00:25*	*25*
Dibromofluoromethane (Surr)	*93*		*75 - 123*		*11/15/16 00:25*	*25*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	**0.49**	**J**	4.6	0.44	ug/L		11/09/16 14:22	11/12/16 05:09	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		11/09/16 14:22	11/12/16 05:09	1
2,4-Dichlorophenol	**2.1**	**J**	4.6	0.47	ug/L		11/09/16 14:22	11/12/16 05:09	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/09/16 14:22	11/12/16 05:09	1
2,4-Dinitrophenol	ND		9.2	2.0	ug/L		11/09/16 14:22	11/12/16 05:09	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		11/09/16 14:22	11/12/16 05:09	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		11/09/16 14:22	11/12/16 05:09	1
2-Chloronaphthalene	ND		4.6	0.42	ug/L		11/09/16 14:22	11/12/16 05:09	1
2-Chlorophenol	ND		4.6	0.49	ug/L		11/09/16 14:22	11/12/16 05:09	1
2-Methylnaphthalene	ND		4.6	0.55	ug/L		11/09/16 14:22	11/12/16 05:09	1
2-Methylphenol	ND		4.6	0.37	ug/L		11/09/16 14:22	11/12/16 05:09	1
2-Nitroaniline	ND		9.2	0.39	ug/L		11/09/16 14:22	11/12/16 05:09	1
2-Nitrophenol	ND		4.6	0.44	ug/L		11/09/16 14:22	11/12/16 05:09	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		11/09/16 14:22	11/12/16 05:09	1
3-Nitroaniline	ND		9.2	0.44	ug/L		11/09/16 14:22	11/12/16 05:09	1
4,6-Dinitro-2-methylphenol	ND		9.2	2.0	ug/L		11/09/16 14:22	11/12/16 05:09	1
4-Bromophenyl phenyl ether	ND		4.6	0.41	ug/L		11/09/16 14:22	11/12/16 05:09	1
4-Chloro-3-methylphenol	ND		4.6	0.41	ug/L		11/09/16 14:22	11/12/16 05:09	1
4-Chloroaniline	**0.58**	**J**	4.6	0.54	ug/L		11/09/16 14:22	11/12/16 05:09	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		11/09/16 14:22	11/12/16 05:09	1
4-Methylphenol	ND		9.2	0.33	ug/L		11/09/16 14:22	11/12/16 05:09	1
4-Nitroaniline	ND		9.2	0.23	ug/L		11/09/16 14:22	11/12/16 05:09	1
4-Nitrophenol	ND		9.2	1.4	ug/L		11/09/16 14:22	11/12/16 05:09	1
Acenaphthene	ND		4.6	0.38	ug/L		11/09/16 14:22	11/12/16 05:09	1
Acenaphthylene	ND		4.6	0.35	ug/L		11/09/16 14:22	11/12/16 05:09	1
Acetophenone	ND		4.6	0.50	ug/L		11/09/16 14:22	11/12/16 05:09	1
Aniline	ND		9.2	0.56	ug/L		11/09/16 14:22	11/12/16 05:09	1
Anthracene	ND		4.6	0.26	ug/L		11/09/16 14:22	11/12/16 05:09	1
Atrazine	ND		4.6	0.42	ug/L		11/09/16 14:22	11/12/16 05:09	1
Benzaldehyde	ND		4.6	0.25	ug/L		11/09/16 14:22	11/12/16 05:09	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		11/09/16 14:22	11/12/16 05:09	1
Benzo(a)pyrene	ND		4.6	0.43	ug/L		11/09/16 14:22	11/12/16 05:09	1
Benzo(b)fluoranthene	ND		4.6	0.31	ug/L		11/09/16 14:22	11/12/16 05:09	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		11/09/16 14:22	11/12/16 05:09	1
Benzo(k)fluoranthene	ND		4.6	0.67	ug/L		11/09/16 14:22	11/12/16 05:09	1
Biphenyl	ND		4.6	0.60	ug/L		11/09/16 14:22	11/12/16 05:09	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		11/09/16 14:22	11/12/16 05:09	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		11/09/16 14:22	11/12/16 05:09	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		11/09/16 14:22	11/12/16 05:09	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		11/09/16 14:22	11/12/16 05:09	1
Butyl benzyl phthalate	ND		4.6	0.92	ug/L		11/09/16 14:22	11/12/16 05:09	1
Caprolactam	ND		4.6	2.0	ug/L		11/09/16 14:22	11/12/16 05:09	1
Carbazole	ND		4.6	0.28	ug/L		11/09/16 14:22	11/12/16 05:09	1

Client Sample ID: BCC Area C RFI-31_1116

Lab Sample ID: 480-109026-2

Date Collected: 11/03/16 15:10

Matrix: Ground Water

Date Received: 11/03/16 17:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.6	0.30	ug/L		11/09/16 14:22	11/12/16 05:09	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		11/09/16 14:22	11/12/16 05:09	1
Dibenzofuran	ND		9.2	0.47	ug/L		11/09/16 14:22	11/12/16 05:09	1
Diethyl phthalate	ND		4.6	0.20	ug/L		11/09/16 14:22	11/12/16 05:09	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		11/09/16 14:22	11/12/16 05:09	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		11/09/16 14:22	11/12/16 05:09	1
Di-n-octyl phthalate	ND		4.6	0.43	ug/L		11/09/16 14:22	11/12/16 05:09	1
Fluoranthene	ND		4.6	0.37	ug/L		11/09/16 14:22	11/12/16 05:09	1
Fluorene	ND		4.6	0.33	ug/L		11/09/16 14:22	11/12/16 05:09	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		11/09/16 14:22	11/12/16 05:09	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		11/09/16 14:22	11/12/16 05:09	1
Hexachlorocyclopentadiene	ND		4.6	0.54	ug/L		11/09/16 14:22	11/12/16 05:09	1
Hexachloroethane	ND		4.6	0.54	ug/L		11/09/16 14:22	11/12/16 05:09	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.43	ug/L		11/09/16 14:22	11/12/16 05:09	1
Isophorone	ND		4.6	0.40	ug/L		11/09/16 14:22	11/12/16 05:09	1
Naphthalene	ND		4.6	0.70	ug/L		11/09/16 14:22	11/12/16 05:09	1
Nitrobenzene	ND		4.6	0.27	ug/L		11/09/16 14:22	11/12/16 05:09	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		11/09/16 14:22	11/12/16 05:09	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		11/09/16 14:22	11/12/16 05:09	1
Pentachlorophenol	ND		9.2	2.0	ug/L		11/09/16 14:22	11/12/16 05:09	1
Phenanthrene	ND		4.6	0.41	ug/L		11/09/16 14:22	11/12/16 05:09	1
Phenol	ND		4.6	0.36	ug/L		11/09/16 14:22	11/12/16 05:09	1
Pyrene	ND		4.6	0.31	ug/L		11/09/16 14:22	11/12/16 05:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*86*		*52 - 132*	*11/09/16 14:22*	*11/12/16 05:09*	*1*
2-Fluorobiphenyl	*63*		*48 - 120*	*11/09/16 14:22*	*11/12/16 05:09*	*1*
2-Fluorophenol	*49*		*20 - 120*	*11/09/16 14:22*	*11/12/16 05:09*	*1*
Nitrobenzene-d5	*64*		*46 - 120*	*11/09/16 14:22*	*11/12/16 05:09*	*1*
Phenol-d5	*36*		*16 - 120*	*11/09/16 14:22*	*11/12/16 05:09*	*1*
p-Terphenyl-d14	*82*		*67 - 150*	*11/09/16 14:22*	*11/12/16 05:09*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/04/16 12:40	11/08/16 09:19	1
Antimony	ND		0.020	0.0068	mg/L		11/04/16 12:40	11/08/16 09:19	1
Arsenic	**0.040**		0.015	0.0056	mg/L		11/04/16 12:40	11/08/16 09:19	1
Barium	**0.035**		0.0020	0.00070	mg/L		11/04/16 12:40	11/08/16 09:19	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/16 12:40	11/08/16 09:19	1
Cadmium	ND		0.0020	0.00050	mg/L		11/04/16 12:40	11/08/16 09:19	1
Calcium	**486**		0.50	0.10	mg/L		11/04/16 12:40	11/08/16 09:19	1
Chromium	**0.0016**	**J**	0.0040	0.0010	mg/L		11/04/16 12:40	11/08/16 09:19	1
Cobalt	**0.0030**	**J**	0.0040	0.00063	mg/L		11/04/16 12:40	11/08/16 09:19	1
Copper	ND		0.010	0.0016	mg/L		11/04/16 12:40	11/08/16 09:19	1
Iron	**13.6**		0.050	0.019	mg/L		11/04/16 12:40	11/08/16 09:19	1
Lead	**0.0051**	**J**	0.010	0.0030	mg/L		11/04/16 12:40	11/08/16 09:19	1
Magnesium	**191**		0.20	0.043	mg/L		11/04/16 12:40	11/08/16 09:19	1
Manganese	**1.5**		0.0030	0.00040	mg/L		11/04/16 12:40	11/08/16 09:19	1
Nickel	**0.0047**	**J**	0.010	0.0013	mg/L		11/04/16 12:40	11/08/16 09:19	1
Potassium	**11.8**		0.50	0.10	mg/L		11/04/16 12:40	11/08/16 09:19	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C RFI-31_1116

Lab Sample ID: 480-109026-2

Date Collected: 11/03/16 15:10

Matrix: Ground Water

Date Received: 11/03/16 17:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/04/16 12:40	11/08/16 09:19	1
Silver	ND		0.0060	0.0017	mg/L		11/04/16 12:40	11/08/16 09:19	1
Sodium	**2310**		1.0	0.32	mg/L		11/04/16 12:40	11/08/16 09:19	1
Thallium	ND		0.020	0.010	mg/L		11/04/16 12:40	11/08/16 09:19	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/16 12:40	11/08/16 09:19	1
Zinc	**0.0090**	**J**	0.010	0.0015	mg/L		11/04/16 12:40	11/08/16 09:19	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/07/16 08:25	11/07/16 12:49	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C PS-04_1116

Lab Sample ID: 480-109026-3

Date Collected: 11/03/16 14:00

Matrix: Ground Water

Date Received: 11/03/16 17:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/15/16 00:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/15/16 00:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/15/16 00:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/15/16 00:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/15/16 00:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/15/16 00:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/15/16 00:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/15/16 00:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/15/16 00:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/15/16 00:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/15/16 00:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/15/16 00:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/15/16 00:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/15/16 00:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/15/16 00:49	1
2-Hexanone	ND		5.0	1.2	ug/L			11/15/16 00:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/15/16 00:49	1
Acetone	ND		10	3.0	ug/L			11/15/16 00:49	1
Benzene	ND		1.0	0.41	ug/L			11/15/16 00:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/15/16 00:49	1
Bromoform	ND		1.0	0.26	ug/L			11/15/16 00:49	1
Bromomethane	ND		1.0	0.69	ug/L			11/15/16 00:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/15/16 00:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/15/16 00:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/15/16 00:49	1
Chloroethane	ND		1.0	0.32	ug/L			11/15/16 00:49	1
Chloroform	ND		1.0	0.34	ug/L			11/15/16 00:49	1
Chloromethane	ND		1.0	0.35	ug/L			11/15/16 00:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/15/16 00:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/15/16 00:49	1
Cyclohexane	ND		1.0	0.18	ug/L			11/15/16 00:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/15/16 00:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/15/16 00:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/15/16 00:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/15/16 00:49	1
Methyl acetate	ND		2.5	1.3	ug/L			11/15/16 00:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/15/16 00:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/15/16 00:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/15/16 00:49	1
Styrene	ND		1.0	0.73	ug/L			11/15/16 00:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/15/16 00:49	1
Toluene	ND		1.0	0.51	ug/L			11/15/16 00:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/15/16 00:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/15/16 00:49	1
Trichloroethene	ND		1.0	0.46	ug/L			11/15/16 00:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/15/16 00:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/15/16 00:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/15/16 00:49	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C PS-04_1116

Lab Sample ID: 480-109026-3

Date Collected: 11/03/16 14:00
Matrix: Ground Water
Date Received: 11/03/16 17:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*11/15/16 00:49*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*11/15/16 00:49*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*11/15/16 00:49*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*11/15/16 00:49*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.6	0.45	ug/L		11/05/16 07:26	11/09/16 00:25	1
2,4,6-Trichlorophenol	ND		4.6	0.57	ug/L		11/05/16 07:26	11/09/16 00:25	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		11/05/16 07:26	11/09/16 00:25	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/05/16 07:26	11/09/16 00:25	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		11/05/16 07:26	11/09/16 00:25	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		11/05/16 07:26	11/09/16 00:25	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 00:25	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		11/05/16 07:26	11/09/16 00:25	1
2-Chlorophenol	ND		4.6	0.49	ug/L		11/05/16 07:26	11/09/16 00:25	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		11/05/16 07:26	11/09/16 00:25	1
2-Methylphenol	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 00:25	1
2-Nitroaniline	ND		9.3	0.39	ug/L		11/05/16 07:26	11/09/16 00:25	1
2-Nitrophenol	ND		4.6	0.45	ug/L		11/05/16 07:26	11/09/16 00:25	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 00:25	1
3-Nitroaniline	ND		9.3	0.45	ug/L		11/05/16 07:26	11/09/16 00:25	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		11/05/16 07:26	11/09/16 00:25	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		11/05/16 07:26	11/09/16 00:25	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		11/05/16 07:26	11/09/16 00:25	1
4-Chloroaniline	ND		4.6	0.55	ug/L		11/05/16 07:26	11/09/16 00:25	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		11/05/16 07:26	11/09/16 00:25	1
4-Methylphenol	ND		9.3	0.33	ug/L		11/05/16 07:26	11/09/16 00:25	1
4-Nitroaniline	ND		9.3	0.23	ug/L		11/05/16 07:26	11/09/16 00:25	1
4-Nitrophenol	ND		9.3	1.4	ug/L		11/05/16 07:26	11/09/16 00:25	1
Acenaphthene	ND		4.6	0.38	ug/L		11/05/16 07:26	11/09/16 00:25	1
Acenaphthylene	ND		4.6	0.35	ug/L		11/05/16 07:26	11/09/16 00:25	1
Acetophenone	ND		4.6	0.50	ug/L		11/05/16 07:26	11/09/16 00:25	1
Aniline	ND		9.3	0.57	ug/L		11/05/16 07:26	11/09/16 00:25	1
Anthracene	ND		4.6	0.26	ug/L		11/05/16 07:26	11/09/16 00:25	1
Atrazine	ND		4.6	0.43	ug/L		11/05/16 07:26	11/09/16 00:25	1
Benzaldehyde	ND		4.6	0.25	ug/L		11/05/16 07:26	11/09/16 00:25	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		11/05/16 07:26	11/09/16 00:25	1
Benzo(a)pyrene	ND		4.6	0.44	ug/L		11/05/16 07:26	11/09/16 00:25	1
Benzo(b)fluoranthene	ND		4.6	0.32	ug/L		11/05/16 07:26	11/09/16 00:25	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		11/05/16 07:26	11/09/16 00:25	1
Benzo(k)fluoranthene	ND		4.6	0.68	ug/L		11/05/16 07:26	11/09/16 00:25	1
Biphenyl	ND		4.6	0.61	ug/L		11/05/16 07:26	11/09/16 00:25	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		11/05/16 07:26	11/09/16 00:25	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		11/05/16 07:26	11/09/16 00:25	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 00:25	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		11/05/16 07:26	11/09/16 00:25	1
Butyl benzyl phthalate	ND		4.6	0.93	ug/L		11/05/16 07:26	11/09/16 00:25	1
Caprolactam	ND		4.6	2.0	ug/L		11/05/16 07:26	11/09/16 00:25	1
Carbazole	ND		4.6	0.28	ug/L		11/05/16 07:26	11/09/16 00:25	1

Client Sample ID: BCC Area C PS-04_1116

Lab Sample ID: 480-109026-3

Date Collected: 11/03/16 14:00

Matrix: Ground Water

Date Received: 11/03/16 17:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.6	0.31	ug/L		11/05/16 07:26	11/09/16 00:25	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		11/05/16 07:26	11/09/16 00:25	1
Dibenzofuran	ND		9.3	0.47	ug/L		11/05/16 07:26	11/09/16 00:25	1
Diethyl phthalate	ND		4.6	0.20	ug/L		11/05/16 07:26	11/09/16 00:25	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		11/05/16 07:26	11/09/16 00:25	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		11/05/16 07:26	11/09/16 00:25	1
Di-n-octyl phthalate	ND		4.6	0.44	ug/L		11/05/16 07:26	11/09/16 00:25	1
Fluoranthene	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 00:25	1
Fluorene	ND		4.6	0.33	ug/L		11/05/16 07:26	11/09/16 00:25	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		11/05/16 07:26	11/09/16 00:25	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		11/05/16 07:26	11/09/16 00:25	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		11/05/16 07:26	11/09/16 00:25	1
Hexachloroethane	ND		4.6	0.55	ug/L		11/05/16 07:26	11/09/16 00:25	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.44	ug/L		11/05/16 07:26	11/09/16 00:25	1
Isophorone	ND		4.6	0.40	ug/L		11/05/16 07:26	11/09/16 00:25	1
Naphthalene	ND		4.6	0.71	ug/L		11/05/16 07:26	11/09/16 00:25	1
Nitrobenzene	ND		4.6	0.27	ug/L		11/05/16 07:26	11/09/16 00:25	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		11/05/16 07:26	11/09/16 00:25	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		11/05/16 07:26	11/09/16 00:25	1
Pentachlorophenol	ND		9.3	2.0	ug/L		11/05/16 07:26	11/09/16 00:25	1
Phenanthrene	ND		4.6	0.41	ug/L		11/05/16 07:26	11/09/16 00:25	1
Phenol	ND		4.6	0.36	ug/L		11/05/16 07:26	11/09/16 00:25	1
Pyrene	ND		4.6	0.32	ug/L		11/05/16 07:26	11/09/16 00:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*75*		*52 - 132*	*11/05/16 07:26*	*11/09/16 00:25*	*1*
2-Fluorobiphenyl	*73*		*48 - 120*	*11/05/16 07:26*	*11/09/16 00:25*	*1*
2-Fluorophenol	*50*		*20 - 120*	*11/05/16 07:26*	*11/09/16 00:25*	*1*
Nitrobenzene-d5	*62*		*46 - 120*	*11/05/16 07:26*	*11/09/16 00:25*	*1*
Phenol-d5	*35*		*16 - 120*	*11/05/16 07:26*	*11/09/16 00:25*	*1*
p-Terphenyl-d14	*71*		*67 - 150*	*11/05/16 07:26*	*11/09/16 00:25*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.12**	**J**	0.20	0.060	mg/L		11/04/16 12:40	11/08/16 09:23	1
Antimony	ND		0.020	0.0068	mg/L		11/04/16 12:40	11/08/16 09:23	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/16 12:40	11/08/16 09:23	1
Barium	**0.094**		0.0020	0.00070	mg/L		11/04/16 12:40	11/08/16 09:23	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/16 12:40	11/08/16 09:23	1
Cadmium	**0.015**		0.0020	0.00050	mg/L		11/04/16 12:40	11/08/16 09:23	1
Calcium	**374**		0.50	0.10	mg/L		11/04/16 12:40	11/08/16 09:23	1
Chromium	**0.0017**	**J**	0.0040	0.0010	mg/L		11/04/16 12:40	11/08/16 09:23	1
Cobalt	**0.020**		0.0040	0.00063	mg/L		11/04/16 12:40	11/08/16 09:23	1
Copper	**0.029**		0.010	0.0016	mg/L		11/04/16 12:40	11/08/16 09:23	1
Iron	**0.30**		0.050	0.019	mg/L		11/04/16 12:40	11/08/16 09:23	1
Lead	**0.0030**	**J**	0.010	0.0030	mg/L		11/04/16 12:40	11/08/16 09:23	1
Magnesium	**50.9**		0.20	0.043	mg/L		11/04/16 12:40	11/08/16 09:23	1
Manganese	**0.034**		0.0030	0.00040	mg/L		11/04/16 12:40	11/08/16 09:23	1
Nickel	**0.16**		0.010	0.0013	mg/L		11/04/16 12:40	11/08/16 09:23	1
Potassium	**10.2**		0.50	0.10	mg/L		11/04/16 12:40	11/08/16 09:23	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C PS-04_1116

Lab Sample ID: 480-109026-3

Date Collected: 11/03/16 14:00

Matrix: Ground Water

Date Received: 11/03/16 17:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/04/16 12:40	11/08/16 09:23	1
Silver	ND		0.0060	0.0017	mg/L		11/04/16 12:40	11/08/16 09:23	1
Sodium	**27.8**		1.0	0.32	mg/L		11/04/16 12:40	11/08/16 09:23	1
Thallium	ND		0.020	0.010	mg/L		11/04/16 12:40	11/08/16 09:23	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/16 12:40	11/08/16 09:23	1
Zinc	**0.96**		0.010	0.0015	mg/L		11/04/16 12:40	11/08/16 09:23	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/07/16 08:25	11/07/16 12:50	1

Client Sample ID: BCC Area C MW-C04_1116

Lab Sample ID: 480-109026-4

Date Collected: 11/03/16 14:35

Matrix: Ground Water

Date Received: 11/03/16 17:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			11/15/16 01:13	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			11/15/16 01:13	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			11/15/16 01:13	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			11/15/16 01:13	10
1,1-Dichloroethane	ND		10	3.8	ug/L			11/15/16 01:13	10
1,1-Dichloroethene	ND		10	2.9	ug/L			11/15/16 01:13	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			11/15/16 01:13	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			11/15/16 01:13	10
1,2-Dibromoethane	ND		10	7.3	ug/L			11/15/16 01:13	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			11/15/16 01:13	10
1,2-Dichloroethane	ND		10	2.1	ug/L			11/15/16 01:13	10
1,2-Dichloropropane	ND		10	7.2	ug/L			11/15/16 01:13	10
1,3-Dichlorobenzene	**17**		10	7.8	ug/L			11/15/16 01:13	10
1,4-Dichlorobenzene	**29**		10	8.4	ug/L			11/15/16 01:13	10
2-Butanone (MEK)	ND		100	13	ug/L			11/15/16 01:13	10
2-Hexanone	ND		50	12	ug/L			11/15/16 01:13	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			11/15/16 01:13	10
Acetone	ND		100	30	ug/L			11/15/16 01:13	10
Benzene	ND		10	4.1	ug/L			11/15/16 01:13	10
Bromodichloromethane	ND		10	3.9	ug/L			11/15/16 01:13	10
Bromoform	ND		10	2.6	ug/L			11/15/16 01:13	10
Bromomethane	ND		10	6.9	ug/L			11/15/16 01:13	10
Carbon disulfide	ND		10	1.9	ug/L			11/15/16 01:13	10
Carbon tetrachloride	ND		10	2.7	ug/L			11/15/16 01:13	10
Chlorobenzene	**320**		10	7.5	ug/L			11/15/16 01:13	10
Chloroethane	ND		10	3.2	ug/L			11/15/16 01:13	10
Chloroform	ND		10	3.4	ug/L			11/15/16 01:13	10
Chloromethane	ND		10	3.5	ug/L			11/15/16 01:13	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			11/15/16 01:13	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			11/15/16 01:13	10
Cyclohexane	ND		10	1.8	ug/L			11/15/16 01:13	10
Dibromochloromethane	ND		10	3.2	ug/L			11/15/16 01:13	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			11/15/16 01:13	10
Ethylbenzene	ND		10	7.4	ug/L			11/15/16 01:13	10
Isopropylbenzene	ND		10	7.9	ug/L			11/15/16 01:13	10
Methyl acetate	ND		25	13	ug/L			11/15/16 01:13	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			11/15/16 01:13	10
Methylcyclohexane	ND		10	1.6	ug/L			11/15/16 01:13	10
Methylene Chloride	ND		10	4.4	ug/L			11/15/16 01:13	10
Styrene	ND		10	7.3	ug/L			11/15/16 01:13	10
Tetrachloroethene	ND		10	3.6	ug/L			11/15/16 01:13	10
Toluene	ND		10	5.1	ug/L			11/15/16 01:13	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			11/15/16 01:13	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			11/15/16 01:13	10
Trichloroethene	ND		10	4.6	ug/L			11/15/16 01:13	10
Trichlorofluoromethane	ND		10	8.8	ug/L			11/15/16 01:13	10
Vinyl chloride	ND		10	9.0	ug/L			11/15/16 01:13	10
Xylenes, Total	ND		20	6.6	ug/L			11/15/16 01:13	10

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C MW-C04_1116

Lab Sample ID: 480-109026-4

Date Collected: 11/03/16 14:35
Matrix: Ground Water
Date Received: 11/03/16 17:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*11/15/16 01:13*	*10*
4-Bromofluorobenzene (Surr)	*88*		*73 - 120*		*11/15/16 01:13*	*10*
Toluene-d8 (Surr)	*91*		*80 - 120*		*11/15/16 01:13*	*10*
Dibromofluoromethane (Surr)	*92*		*75 - 123*		*11/15/16 01:13*	*10*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.6	0.45	ug/L		11/05/16 07:26	11/09/16 04:47	1
2,4,6-Trichlorophenol	ND		4.6	0.57	ug/L		11/05/16 07:26	11/09/16 04:47	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		11/05/16 07:26	11/09/16 04:47	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/05/16 07:26	11/09/16 04:47	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		11/05/16 07:26	11/09/16 04:47	1
2,4-Dinitrotoluene	ND		4.6	0.42	ug/L		11/05/16 07:26	11/09/16 04:47	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 04:47	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		11/05/16 07:26	11/09/16 04:47	1
2-Chlorophenol	**1.4**	**J**	4.6	0.49	ug/L		11/05/16 07:26	11/09/16 04:47	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		11/05/16 07:26	11/09/16 04:47	1
2-Methylphenol	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 04:47	1
2-Nitroaniline	ND		9.3	0.39	ug/L		11/05/16 07:26	11/09/16 04:47	1
2-Nitrophenol	ND		4.6	0.45	ug/L		11/05/16 07:26	11/09/16 04:47	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 04:47	1
3-Nitroaniline	ND		9.3	0.45	ug/L		11/05/16 07:26	11/09/16 04:47	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		11/05/16 07:26	11/09/16 04:47	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		11/05/16 07:26	11/09/16 04:47	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		11/05/16 07:26	11/09/16 04:47	1
4-Chloroaniline	ND		4.6	0.55	ug/L		11/05/16 07:26	11/09/16 04:47	1
4-Chlorophenyl phenyl ether	ND		4.6	0.33	ug/L		11/05/16 07:26	11/09/16 04:47	1
4-Methylphenol	ND		9.3	0.33	ug/L		11/05/16 07:26	11/09/16 04:47	1
4-Nitroaniline	ND		9.3	0.23	ug/L		11/05/16 07:26	11/09/16 04:47	1
4-Nitrophenol	ND		9.3	1.4	ug/L		11/05/16 07:26	11/09/16 04:47	1
Acenaphthene	ND		4.6	0.38	ug/L		11/05/16 07:26	11/09/16 04:47	1
Acenaphthylene	ND		4.6	0.35	ug/L		11/05/16 07:26	11/09/16 04:47	1
Acetophenone	ND		4.6	0.50	ug/L		11/05/16 07:26	11/09/16 04:47	1
Aniline	ND		9.3	0.57	ug/L		11/05/16 07:26	11/09/16 04:47	1
Anthracene	ND		4.6	0.26	ug/L		11/05/16 07:26	11/09/16 04:47	1
Atrazine	ND		4.6	0.43	ug/L		11/05/16 07:26	11/09/16 04:47	1
Benzaldehyde	ND		4.6	0.25	ug/L		11/05/16 07:26	11/09/16 04:47	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		11/05/16 07:26	11/09/16 04:47	1
Benzo(a)pyrene	ND		4.6	0.44	ug/L		11/05/16 07:26	11/09/16 04:47	1
Benzo(b)fluoranthene	ND		4.6	0.32	ug/L		11/05/16 07:26	11/09/16 04:47	1
Benzo(g,h,i)perylene	ND		4.6	0.33	ug/L		11/05/16 07:26	11/09/16 04:47	1
Benzo(k)fluoranthene	ND		4.6	0.68	ug/L		11/05/16 07:26	11/09/16 04:47	1
Biphenyl	ND		4.6	0.61	ug/L		11/05/16 07:26	11/09/16 04:47	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		11/05/16 07:26	11/09/16 04:47	1
Bis(2-chloroethoxy)methane	ND		4.6	0.33	ug/L		11/05/16 07:26	11/09/16 04:47	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 04:47	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		11/05/16 07:26	11/09/16 04:47	1
Butyl benzyl phthalate	ND		4.6	0.93	ug/L		11/05/16 07:26	11/09/16 04:47	1
Caprolactam	ND		4.6	2.0	ug/L		11/05/16 07:26	11/09/16 04:47	1
Carbazole	ND		4.6	0.28	ug/L		11/05/16 07:26	11/09/16 04:47	1

Client Sample ID: BCC Area C MW-C04_1116

Lab Sample ID: 480-109026-4

Date Collected: 11/03/16 14:35

Matrix: Ground Water

Date Received: 11/03/16 17:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.6	0.31	ug/L		11/05/16 07:26	11/09/16 04:47	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		11/05/16 07:26	11/09/16 04:47	1
Dibenzofuran	ND		9.3	0.47	ug/L		11/05/16 07:26	11/09/16 04:47	1
Diethyl phthalate	ND		4.6	0.20	ug/L		11/05/16 07:26	11/09/16 04:47	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		11/05/16 07:26	11/09/16 04:47	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		11/05/16 07:26	11/09/16 04:47	1
Di-n-octyl phthalate	ND		4.6	0.44	ug/L		11/05/16 07:26	11/09/16 04:47	1
Fluoranthene	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 04:47	1
Fluorene	ND		4.6	0.33	ug/L		11/05/16 07:26	11/09/16 04:47	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		11/05/16 07:26	11/09/16 04:47	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		11/05/16 07:26	11/09/16 04:47	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		11/05/16 07:26	11/09/16 04:47	1
Hexachloroethane	ND		4.6	0.55	ug/L		11/05/16 07:26	11/09/16 04:47	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.44	ug/L		11/05/16 07:26	11/09/16 04:47	1
Isophorone	ND		4.6	0.40	ug/L		11/05/16 07:26	11/09/16 04:47	1
Naphthalene	ND		4.6	0.71	ug/L		11/05/16 07:26	11/09/16 04:47	1
Nitrobenzene	ND		4.6	0.27	ug/L		11/05/16 07:26	11/09/16 04:47	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		11/05/16 07:26	11/09/16 04:47	1
N-Nitrosodiphenylamine	**0.81**	**J**	4.6	0.47	ug/L		11/05/16 07:26	11/09/16 04:47	1
Pentachlorophenol	ND		9.3	2.0	ug/L		11/05/16 07:26	11/09/16 04:47	1
Phenanthrene	ND		4.6	0.41	ug/L		11/05/16 07:26	11/09/16 04:47	1
Phenol	ND		4.6	0.36	ug/L		11/05/16 07:26	11/09/16 04:47	1
Pyrene	ND		4.6	0.32	ug/L		11/05/16 07:26	11/09/16 04:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*81*		*52 - 132*	*11/05/16 07:26*	*11/09/16 04:47*	*1*
2-Fluorobiphenyl	*78*		*48 - 120*	*11/05/16 07:26*	*11/09/16 04:47*	*1*
2-Fluorophenol	*50*		*20 - 120*	*11/05/16 07:26*	*11/09/16 04:47*	*1*
Nitrobenzene-d5	*63*		*46 - 120*	*11/05/16 07:26*	*11/09/16 04:47*	*1*
Phenol-d5	*35*		*16 - 120*	*11/05/16 07:26*	*11/09/16 04:47*	*1*
p-Terphenyl-d14	*76*		*67 - 150*	*11/05/16 07:26*	*11/09/16 04:47*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.084**	**J**	0.20	0.060	mg/L		11/04/16 12:40	11/08/16 09:26	1
Antimony	ND		0.020	0.0068	mg/L		11/04/16 12:40	11/08/16 09:26	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/16 12:40	11/08/16 09:26	1
Barium	**0.32**		0.0020	0.00070	mg/L		11/04/16 12:40	11/08/16 09:26	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/16 12:40	11/08/16 09:26	1
Cadmium	ND		0.0020	0.00050	mg/L		11/04/16 12:40	11/08/16 09:26	1
Calcium	**280**		0.50	0.10	mg/L		11/04/16 12:40	11/08/16 09:26	1
Chromium	**0.0011**	**J**	0.0040	0.0010	mg/L		11/04/16 12:40	11/08/16 09:26	1
Cobalt	ND		0.0040	0.00063	mg/L		11/04/16 12:40	11/08/16 09:26	1
Copper	**0.0024**	**J**	0.010	0.0016	mg/L		11/04/16 12:40	11/08/16 09:26	1
Iron	**7.5**		0.050	0.019	mg/L		11/04/16 12:40	11/08/16 09:26	1
Lead	**0.0059**	**J**	0.010	0.0030	mg/L		11/04/16 12:40	11/08/16 09:26	1
Magnesium	**34.4**		0.20	0.043	mg/L		11/04/16 12:40	11/08/16 09:26	1
Manganese	**1.6**		0.0030	0.00040	mg/L		11/04/16 12:40	11/08/16 09:26	1
Nickel	ND		0.010	0.0013	mg/L		11/04/16 12:40	11/08/16 09:26	1
Potassium	**10.5**		0.50	0.10	mg/L		11/04/16 12:40	11/08/16 09:26	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C MW-C04_1116

Lab Sample ID: 480-109026-4

Date Collected: 11/03/16 14:35

Matrix: Ground Water

Date Received: 11/03/16 17:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/04/16 12:40	11/08/16 09:26	1
Silver	ND		0.0060	0.0017	mg/L		11/04/16 12:40	11/08/16 09:26	1
Sodium	**38.9**		1.0	0.32	mg/L		11/04/16 12:40	11/08/16 09:26	1
Thallium	ND		0.020	0.010	mg/L		11/04/16 12:40	11/08/16 09:26	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/16 12:40	11/08/16 09:26	1
Zinc	**0.0062**	**J**	0.010	0.0015	mg/L		11/04/16 12:40	11/08/16 09:26	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/07/16 08:25	11/07/16 12:52	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C RFI-20_1116

Lab Sample ID: 480-109026-5

Date Collected: 11/03/16 13:10

Matrix: Ground Water

Date Received: 11/03/16 17:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/15/16 01:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/15/16 01:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/15/16 01:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/15/16 01:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/15/16 01:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/15/16 01:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/15/16 01:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/15/16 01:37	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/15/16 01:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/15/16 01:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/15/16 01:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/15/16 01:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/15/16 01:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/15/16 01:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/15/16 01:37	1
2-Hexanone	ND		5.0	1.2	ug/L			11/15/16 01:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/15/16 01:37	1
Acetone	ND		10	3.0	ug/L			11/15/16 01:37	1
Benzene	ND		1.0	0.41	ug/L			11/15/16 01:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/15/16 01:37	1
Bromoform	ND		1.0	0.26	ug/L			11/15/16 01:37	1
Bromomethane	ND		1.0	0.69	ug/L			11/15/16 01:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/15/16 01:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/15/16 01:37	1
Chlorobenzene	**7.0**		1.0	0.75	ug/L			11/15/16 01:37	1
Chloroethane	ND		1.0	0.32	ug/L			11/15/16 01:37	1
Chloroform	ND		1.0	0.34	ug/L			11/15/16 01:37	1
Chloromethane	ND		1.0	0.35	ug/L			11/15/16 01:37	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/15/16 01:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/15/16 01:37	1
Cyclohexane	ND		1.0	0.18	ug/L			11/15/16 01:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/15/16 01:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/15/16 01:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/15/16 01:37	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/15/16 01:37	1
Methyl acetate	ND		2.5	1.3	ug/L			11/15/16 01:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/15/16 01:37	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/15/16 01:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/15/16 01:37	1
Styrene	ND		1.0	0.73	ug/L			11/15/16 01:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/15/16 01:37	1
Toluene	ND		1.0	0.51	ug/L			11/15/16 01:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/15/16 01:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/15/16 01:37	1
Trichloroethene	ND		1.0	0.46	ug/L			11/15/16 01:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/15/16 01:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/15/16 01:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/15/16 01:37	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C RFI-20_1116

Lab Sample ID: 480-109026-5

Date Collected: 11/03/16 13:10
Matrix: Ground Water
Date Received: 11/03/16 17:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*11/15/16 01:37*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*11/15/16 01:37*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*11/15/16 01:37*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*11/15/16 01:37*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.6	0.44	ug/L		11/05/16 07:26	11/09/16 05:15	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		11/05/16 07:26	11/09/16 05:15	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		11/05/16 07:26	11/09/16 05:15	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/05/16 07:26	11/09/16 05:15	1
2,4-Dinitrophenol	ND		9.2	2.0	ug/L		11/05/16 07:26	11/09/16 05:15	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		11/05/16 07:26	11/09/16 05:15	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 05:15	1
2-Chloronaphthalene	ND		4.6	0.42	ug/L		11/05/16 07:26	11/09/16 05:15	1
2-Chlorophenol	ND		4.6	0.49	ug/L		11/05/16 07:26	11/09/16 05:15	1
2-Methylnaphthalene	ND		4.6	0.55	ug/L		11/05/16 07:26	11/09/16 05:15	1
2-Methylphenol	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 05:15	1
2-Nitroaniline	ND		9.2	0.39	ug/L		11/05/16 07:26	11/09/16 05:15	1
2-Nitrophenol	ND		4.6	0.44	ug/L		11/05/16 07:26	11/09/16 05:15	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 05:15	1
3-Nitroaniline	ND		9.2	0.44	ug/L		11/05/16 07:26	11/09/16 05:15	1
4,6-Dinitro-2-methylphenol	ND		9.2	2.0	ug/L		11/05/16 07:26	11/09/16 05:15	1
4-Bromophenyl phenyl ether	ND		4.6	0.41	ug/L		11/05/16 07:26	11/09/16 05:15	1
4-Chloro-3-methylphenol	ND		4.6	0.41	ug/L		11/05/16 07:26	11/09/16 05:15	1
4-Chloroaniline	ND		4.6	0.54	ug/L		11/05/16 07:26	11/09/16 05:15	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		11/05/16 07:26	11/09/16 05:15	1
4-Methylphenol	ND		9.2	0.33	ug/L		11/05/16 07:26	11/09/16 05:15	1
4-Nitroaniline	ND		9.2	0.23	ug/L		11/05/16 07:26	11/09/16 05:15	1
4-Nitrophenol	ND		9.2	1.4	ug/L		11/05/16 07:26	11/09/16 05:15	1
Acenaphthene	ND		4.6	0.38	ug/L		11/05/16 07:26	11/09/16 05:15	1
Acenaphthylene	ND		4.6	0.35	ug/L		11/05/16 07:26	11/09/16 05:15	1
Acetophenone	ND		4.6	0.50	ug/L		11/05/16 07:26	11/09/16 05:15	1
Aniline	ND		9.2	0.56	ug/L		11/05/16 07:26	11/09/16 05:15	1
Anthracene	ND		4.6	0.26	ug/L		11/05/16 07:26	11/09/16 05:15	1
Atrazine	ND		4.6	0.42	ug/L		11/05/16 07:26	11/09/16 05:15	1
Benzaldehyde	ND		4.6	0.25	ug/L		11/05/16 07:26	11/09/16 05:15	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		11/05/16 07:26	11/09/16 05:15	1
Benzo(a)pyrene	ND		4.6	0.43	ug/L		11/05/16 07:26	11/09/16 05:15	1
Benzo(b)fluoranthene	ND		4.6	0.31	ug/L		11/05/16 07:26	11/09/16 05:15	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		11/05/16 07:26	11/09/16 05:15	1
Benzo(k)fluoranthene	ND		4.6	0.67	ug/L		11/05/16 07:26	11/09/16 05:15	1
Biphenyl	ND		4.6	0.60	ug/L		11/05/16 07:26	11/09/16 05:15	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		11/05/16 07:26	11/09/16 05:15	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		11/05/16 07:26	11/09/16 05:15	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 05:15	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		11/05/16 07:26	11/09/16 05:15	1
Butyl benzyl phthalate	ND		4.6	0.92	ug/L		11/05/16 07:26	11/09/16 05:15	1
Caprolactam	ND		4.6	2.0	ug/L		11/05/16 07:26	11/09/16 05:15	1
Carbazole	ND		4.6	0.28	ug/L		11/05/16 07:26	11/09/16 05:15	1

Client Sample ID: BCC Area C RFI-20_1116

Lab Sample ID: 480-109026-5

Date Collected: 11/03/16 13:10

Matrix: Ground Water

Date Received: 11/03/16 17:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.6	0.30	ug/L		11/05/16 07:26	11/09/16 05:15	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		11/05/16 07:26	11/09/16 05:15	1
Dibenzofuran	ND		9.2	0.47	ug/L		11/05/16 07:26	11/09/16 05:15	1
Diethyl phthalate	ND		4.6	0.20	ug/L		11/05/16 07:26	11/09/16 05:15	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		11/05/16 07:26	11/09/16 05:15	1
Di-n-butyl phthalate	ND		4.6	0.28	ug/L		11/05/16 07:26	11/09/16 05:15	1
Di-n-octyl phthalate	ND		4.6	0.43	ug/L		11/05/16 07:26	11/09/16 05:15	1
Fluoranthene	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 05:15	1
Fluorene	ND		4.6	0.33	ug/L		11/05/16 07:26	11/09/16 05:15	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		11/05/16 07:26	11/09/16 05:15	1
Hexachlorobutadiene	ND		4.6	0.62	ug/L		11/05/16 07:26	11/09/16 05:15	1
Hexachlorocyclopentadiene	ND		4.6	0.54	ug/L		11/05/16 07:26	11/09/16 05:15	1
Hexachloroethane	ND		4.6	0.54	ug/L		11/05/16 07:26	11/09/16 05:15	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.43	ug/L		11/05/16 07:26	11/09/16 05:15	1
Isophorone	ND		4.6	0.39	ug/L		11/05/16 07:26	11/09/16 05:15	1
Naphthalene	ND		4.6	0.70	ug/L		11/05/16 07:26	11/09/16 05:15	1
Nitrobenzene	ND		4.6	0.27	ug/L		11/05/16 07:26	11/09/16 05:15	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		11/05/16 07:26	11/09/16 05:15	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		11/05/16 07:26	11/09/16 05:15	1
Pentachlorophenol	ND		9.2	2.0	ug/L		11/05/16 07:26	11/09/16 05:15	1
Phenanthrene	ND		4.6	0.40	ug/L		11/05/16 07:26	11/09/16 05:15	1
Phenol	ND		4.6	0.36	ug/L		11/05/16 07:26	11/09/16 05:15	1
Pyrene	ND		4.6	0.31	ug/L		11/05/16 07:26	11/09/16 05:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*81*		*52 - 132*	*11/05/16 07:26*	*11/09/16 05:15*	*1*
2-Fluorobiphenyl	*81*		*48 - 120*	*11/05/16 07:26*	*11/09/16 05:15*	*1*
2-Fluorophenol	*52*		*20 - 120*	*11/05/16 07:26*	*11/09/16 05:15*	*1*
Nitrobenzene-d5	*69*		*46 - 120*	*11/05/16 07:26*	*11/09/16 05:15*	*1*
Phenol-d5	*36*		*16 - 120*	*11/05/16 07:26*	*11/09/16 05:15*	*1*
p-Terphenyl-d14	*79*		*67 - 150*	*11/05/16 07:26*	*11/09/16 05:15*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/04/16 12:40	11/08/16 09:40	1
Antimony	ND		0.020	0.0068	mg/L		11/04/16 12:40	11/08/16 09:40	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/16 12:40	11/08/16 09:40	1
Barium	**0.041**		0.0020	0.00070	mg/L		11/04/16 12:40	11/08/16 09:40	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/16 12:40	11/08/16 09:40	1
Cadmium	**0.0013**	**J**	0.0020	0.00050	mg/L		11/04/16 12:40	11/08/16 09:40	1
Calcium	**122**		0.50	0.10	mg/L		11/04/16 12:40	11/08/16 09:40	1
Chromium	**0.0010**	**J**	0.0040	0.0010	mg/L		11/04/16 12:40	11/08/16 09:40	1
Cobalt	**0.0014**	**J**	0.0040	0.00063	mg/L		11/04/16 12:40	11/08/16 09:40	1
Copper	**0.0030**	**J**	0.010	0.0016	mg/L		11/04/16 12:40	11/08/16 09:40	1
Iron	**2.0**		0.050	0.019	mg/L		11/04/16 12:40	11/08/16 09:40	1
Lead	ND		0.010	0.0030	mg/L		11/04/16 12:40	11/08/16 09:40	1
Magnesium	**17.0**		0.20	0.043	mg/L		11/04/16 12:40	11/08/16 09:40	1
Manganese	**0.22**		0.0030	0.00040	mg/L		11/04/16 12:40	11/08/16 09:40	1
Nickel	**0.022**		0.010	0.0013	mg/L		11/04/16 12:40	11/08/16 09:40	1
Potassium	**7.7**		0.50	0.10	mg/L		11/04/16 12:40	11/08/16 09:40	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C RFI-20_1116

Lab Sample ID: 480-109026-5

Date Collected: 11/03/16 13:10

Matrix: Ground Water

Date Received: 11/03/16 17:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/04/16 12:40	11/08/16 09:40	1
Silver	ND		0.0060	0.0017	mg/L		11/04/16 12:40	11/08/16 09:40	1
Sodium	**22.6**		1.0	0.32	mg/L		11/04/16 12:40	11/08/16 09:40	1
Thallium	ND		0.020	0.010	mg/L		11/04/16 12:40	11/08/16 09:40	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/16 12:40	11/08/16 09:40	1
Zinc	**0.035**		0.010	0.0015	mg/L		11/04/16 12:40	11/08/16 09:40	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/07/16 08:25	11/07/16 12:55	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C PS-05A_1116

Lab Sample ID: 480-109026-6

Date Collected: 11/03/16 11:35

Matrix: Ground Water

Date Received: 11/03/16 17:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			11/15/16 17:06	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			11/15/16 17:06	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			11/15/16 17:06	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			11/15/16 17:06	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			11/15/16 17:06	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			11/15/16 17:06	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			11/15/16 17:06	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			11/15/16 17:06	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			11/15/16 17:06	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			11/15/16 17:06	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			11/15/16 17:06	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			11/15/16 17:06	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			11/15/16 17:06	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			11/15/16 17:06	5
2-Butanone (MEK)	ND		50	6.6	ug/L			11/15/16 17:06	5
2-Hexanone	ND		25	6.2	ug/L			11/15/16 17:06	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			11/15/16 17:06	5
Acetone	**23**	**J**	50	15	ug/L			11/15/16 17:06	5
Benzene	ND		5.0	2.1	ug/L			11/15/16 17:06	5
Bromodichloromethane	ND		5.0	2.0	ug/L			11/15/16 17:06	5
Bromoform	ND		5.0	1.3	ug/L			11/15/16 17:06	5
Bromomethane	ND		5.0	3.5	ug/L			11/15/16 17:06	5
Carbon disulfide	ND		5.0	0.95	ug/L			11/15/16 17:06	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			11/15/16 17:06	5
Chlorobenzene	**250**		5.0	3.8	ug/L			11/15/16 17:06	5
Chloroethane	ND		5.0	1.6	ug/L			11/15/16 17:06	5
Chloroform	ND		5.0	1.7	ug/L			11/15/16 17:06	5
Chloromethane	ND		5.0	1.8	ug/L			11/15/16 17:06	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			11/15/16 17:06	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			11/15/16 17:06	5
Cyclohexane	ND		5.0	0.90	ug/L			11/15/16 17:06	5
Dibromochloromethane	ND		5.0	1.6	ug/L			11/15/16 17:06	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			11/15/16 17:06	5
Ethylbenzene	ND		5.0	3.7	ug/L			11/15/16 17:06	5
Isopropylbenzene	ND		5.0	4.0	ug/L			11/15/16 17:06	5
Methyl acetate	ND		13	6.5	ug/L			11/15/16 17:06	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			11/15/16 17:06	5
Methylcyclohexane	ND		5.0	0.80	ug/L			11/15/16 17:06	5
Methylene Chloride	ND		5.0	2.2	ug/L			11/15/16 17:06	5
Styrene	ND		5.0	3.7	ug/L			11/15/16 17:06	5
Tetrachloroethene	ND		5.0	1.8	ug/L			11/15/16 17:06	5
Toluene	ND		5.0	2.6	ug/L			11/15/16 17:06	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			11/15/16 17:06	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			11/15/16 17:06	5
Trichloroethene	ND		5.0	2.3	ug/L			11/15/16 17:06	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			11/15/16 17:06	5
Vinyl chloride	ND		5.0	4.5	ug/L			11/15/16 17:06	5
Xylenes, Total	ND		10	3.3	ug/L			11/15/16 17:06	5

Client Sample ID: BCC Area C PS-05A_1116

Lab Sample ID: 480-109026-6

Date Collected: 11/03/16 11:35

Matrix: Ground Water

Date Received: 11/03/16 17:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*11/15/16 17:06*	*5*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*11/15/16 17:06*	*5*
Toluene-d8 (Surr)	*102*		*80 - 120*		*11/15/16 17:06*	*5*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*11/15/16 17:06*	*5*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		11/05/16 07:26	11/08/16 22:58	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		11/05/16 07:26	11/08/16 22:58	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		11/05/16 07:26	11/08/16 22:58	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		11/05/16 07:26	11/08/16 22:58	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		11/05/16 07:26	11/08/16 22:58	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		11/05/16 07:26	11/08/16 22:58	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		11/05/16 07:26	11/08/16 22:58	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		11/05/16 07:26	11/08/16 22:58	1
2-Chlorophenol	**0.63**	**J**	4.7	0.50	ug/L		11/05/16 07:26	11/08/16 22:58	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		11/05/16 07:26	11/08/16 22:58	1
2-Methylphenol	ND		4.7	0.37	ug/L		11/05/16 07:26	11/08/16 22:58	1
2-Nitroaniline	ND		9.4	0.39	ug/L		11/05/16 07:26	11/08/16 22:58	1
2-Nitrophenol	ND		4.7	0.45	ug/L		11/05/16 07:26	11/08/16 22:58	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		11/05/16 07:26	11/08/16 22:58	1
3-Nitroaniline	ND	F1	9.4	0.45	ug/L		11/05/16 07:26	11/08/16 22:58	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		11/05/16 07:26	11/08/16 22:58	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		11/05/16 07:26	11/08/16 22:58	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		11/05/16 07:26	11/08/16 22:58	1
4-Chloroaniline	ND	F1	4.7	0.55	ug/L		11/05/16 07:26	11/08/16 22:58	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		11/05/16 07:26	11/08/16 22:58	1
4-Methylphenol	**0.53**	**J**	9.4	0.34	ug/L		11/05/16 07:26	11/08/16 22:58	1
4-Nitroaniline	ND		9.4	0.23	ug/L		11/05/16 07:26	11/08/16 22:58	1
4-Nitrophenol	ND		9.4	1.4	ug/L		11/05/16 07:26	11/08/16 22:58	1
Acenaphthene	ND		4.7	0.38	ug/L		11/05/16 07:26	11/08/16 22:58	1
Acenaphthylene	ND		4.7	0.36	ug/L		11/05/16 07:26	11/08/16 22:58	1
Acetophenone	ND		4.7	0.51	ug/L		11/05/16 07:26	11/08/16 22:58	1
Aniline	ND		9.4	0.57	ug/L		11/05/16 07:26	11/08/16 22:58	1
Anthracene	ND		4.7	0.26	ug/L		11/05/16 07:26	11/08/16 22:58	1
Atrazine	ND		4.7	0.43	ug/L		11/05/16 07:26	11/08/16 22:58	1
Benzaldehyde	ND		4.7	0.25	ug/L		11/05/16 07:26	11/08/16 22:58	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		11/05/16 07:26	11/08/16 22:58	1
Benzo(a)pyrene	ND	F1	4.7	0.44	ug/L		11/05/16 07:26	11/08/16 22:58	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		11/05/16 07:26	11/08/16 22:58	1
Benzo(g,h,i)perylene	ND	F1	4.7	0.33	ug/L		11/05/16 07:26	11/08/16 22:58	1
Benzo(k)fluoranthene	ND	F1	4.7	0.68	ug/L		11/05/16 07:26	11/08/16 22:58	1
Biphenyl	ND		4.7	0.61	ug/L		11/05/16 07:26	11/08/16 22:58	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		11/05/16 07:26	11/08/16 22:58	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		11/05/16 07:26	11/08/16 22:58	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		11/05/16 07:26	11/08/16 22:58	1
Bis(2-ethylhexyl) phthalate	ND	F1	4.7	2.1	ug/L		11/05/16 07:26	11/08/16 22:58	1
Butyl benzyl phthalate	ND		4.7	0.94	ug/L		11/05/16 07:26	11/08/16 22:58	1
Caprolactam	ND		4.7	2.1	ug/L		11/05/16 07:26	11/08/16 22:58	1
Carbazole	ND		4.7	0.28	ug/L		11/05/16 07:26	11/08/16 22:58	1

Client Sample ID: BCC Area C PS-05A_1116

Lab Sample ID: 480-109026-6

Date Collected: 11/03/16 11:35

Matrix: Ground Water

Date Received: 11/03/16 17:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND	F1	4.7	0.31	ug/L		11/05/16 07:26	11/08/16 22:58	1
Dibenz(a,h)anthracene	ND	F1	4.7	0.39	ug/L		11/05/16 07:26	11/08/16 22:58	1
Dibenzofuran	ND		9.4	0.48	ug/L		11/05/16 07:26	11/08/16 22:58	1
Diethyl phthalate	ND		4.7	0.21	ug/L		11/05/16 07:26	11/08/16 22:58	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		11/05/16 07:26	11/08/16 22:58	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		11/05/16 07:26	11/08/16 22:58	1
Di-n-octyl phthalate	ND	F1	4.7	0.44	ug/L		11/05/16 07:26	11/08/16 22:58	1
Fluoranthene	ND		4.7	0.37	ug/L		11/05/16 07:26	11/08/16 22:58	1
Fluorene	ND		4.7	0.34	ug/L		11/05/16 07:26	11/08/16 22:58	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		11/05/16 07:26	11/08/16 22:58	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		11/05/16 07:26	11/08/16 22:58	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		11/05/16 07:26	11/08/16 22:58	1
Hexachloroethane	ND		4.7	0.55	ug/L		11/05/16 07:26	11/08/16 22:58	1
Indeno(1,2,3-cd)pyrene	ND	F1	4.7	0.44	ug/L		11/05/16 07:26	11/08/16 22:58	1
Isophorone	ND		4.7	0.40	ug/L		11/05/16 07:26	11/08/16 22:58	1
Naphthalene	ND		4.7	0.71	ug/L		11/05/16 07:26	11/08/16 22:58	1
Nitrobenzene	ND		4.7	0.27	ug/L		11/05/16 07:26	11/08/16 22:58	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		11/05/16 07:26	11/08/16 22:58	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		11/05/16 07:26	11/08/16 22:58	1
Pentachlorophenol	ND		9.4	2.1	ug/L		11/05/16 07:26	11/08/16 22:58	1
Phenanthrene	ND		4.7	0.41	ug/L		11/05/16 07:26	11/08/16 22:58	1
Phenol	ND		4.7	0.36	ug/L		11/05/16 07:26	11/08/16 22:58	1
Pyrene	ND		4.7	0.32	ug/L		11/05/16 07:26	11/08/16 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*78*		*52 - 132*	*11/05/16 07:26*	*11/08/16 22:58*	*1*
2-Fluorobiphenyl	*84*		*48 - 120*	*11/05/16 07:26*	*11/08/16 22:58*	*1*
2-Fluorophenol	*58*		*20 - 120*	*11/05/16 07:26*	*11/08/16 22:58*	*1*
Nitrobenzene-d5	*69*		*46 - 120*	*11/05/16 07:26*	*11/08/16 22:58*	*1*
Phenol-d5	*41*		*16 - 120*	*11/05/16 07:26*	*11/08/16 22:58*	*1*
p-Terphenyl-d14	*70*		*67 - 150*	*11/05/16 07:26*	*11/08/16 22:58*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.26**		0.20	0.060	mg/L		11/04/16 12:40	11/08/16 09:44	1
Antimony	ND		0.020	0.0068	mg/L		11/04/16 12:40	11/08/16 09:44	1
Arsenic	**0.13**		0.015	0.0056	mg/L		11/04/16 12:40	11/08/16 09:44	1
Barium	**0.043**		0.0020	0.00070	mg/L		11/04/16 12:40	11/08/16 09:44	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/16 12:40	11/08/16 09:44	1
Cadmium	**0.0021**		0.0020	0.00050	mg/L		11/04/16 12:40	11/08/16 09:44	1
Calcium	**412**		0.50	0.10	mg/L		11/04/16 12:40	11/08/16 09:44	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/16 12:40	11/08/16 09:44	1
Cobalt	**0.0088**		0.0040	0.00063	mg/L		11/04/16 12:40	11/08/16 09:44	1
Copper	**0.015**		0.010	0.0016	mg/L		11/04/16 12:40	11/08/16 09:44	1
Iron	**117**		0.050	0.019	mg/L		11/04/16 12:40	11/08/16 09:44	1
Lead	**0.0076**	**J**	0.010	0.0030	mg/L		11/04/16 12:40	11/08/16 09:44	1
Magnesium	**53.8**		0.20	0.043	mg/L		11/04/16 12:40	11/08/16 09:44	1
Manganese	**2.0**		0.0030	0.00040	mg/L		11/04/16 12:40	11/08/16 09:44	1
Nickel	**0.019**		0.010	0.0013	mg/L		11/04/16 12:40	11/08/16 09:44	1
Potassium	**15.3**		0.50	0.10	mg/L		11/04/16 12:40	11/08/16 09:44	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C PS-05A_1116

Lab Sample ID: 480-109026-6

Date Collected: 11/03/16 11:35

Matrix: Ground Water

Date Received: 11/03/16 17:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/04/16 12:40	11/08/16 09:44	1
Silver	ND		0.0060	0.0017	mg/L		11/04/16 12:40	11/08/16 09:44	1
Sodium	**105**		1.0	0.32	mg/L		11/04/16 12:40	11/08/16 09:44	1
Thallium	ND		0.020	0.010	mg/L		11/04/16 12:40	11/08/16 09:44	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/16 12:40	11/08/16 09:44	1
Zinc	**0.44**		0.010	0.0015	mg/L		11/04/16 12:40	11/08/16 09:44	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/07/16 08:25	11/07/16 12:57	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C PS-06_1116

Lab Sample ID: 480-109026-7

Date Collected: 11/03/16 10:30

Matrix: Ground Water

Date Received: 11/03/16 17:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			11/15/16 02:01	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			11/15/16 02:01	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			11/15/16 02:01	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			11/15/16 02:01	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			11/15/16 02:01	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			11/15/16 02:01	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			11/15/16 02:01	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			11/15/16 02:01	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			11/15/16 02:01	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			11/15/16 02:01	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			11/15/16 02:01	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			11/15/16 02:01	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			11/15/16 02:01	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			11/15/16 02:01	5
2-Butanone (MEK)	ND		50	6.6	ug/L			11/15/16 02:01	5
2-Hexanone	ND		25	6.2	ug/L			11/15/16 02:01	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			11/15/16 02:01	5
Acetone	ND		50	15	ug/L			11/15/16 02:01	5
Benzene	ND		5.0	2.1	ug/L			11/15/16 02:01	5
Bromodichloromethane	ND		5.0	2.0	ug/L			11/15/16 02:01	5
Bromoform	ND		5.0	1.3	ug/L			11/15/16 02:01	5
Bromomethane	ND		5.0	3.5	ug/L			11/15/16 02:01	5
Carbon disulfide	ND		5.0	0.95	ug/L			11/15/16 02:01	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			11/15/16 02:01	5
Chlorobenzene	ND		5.0	3.8	ug/L			11/15/16 02:01	5
Chloroethane	ND		5.0	1.6	ug/L			11/15/16 02:01	5
Chloroform	ND		5.0	1.7	ug/L			11/15/16 02:01	5
Chloromethane	ND		5.0	1.8	ug/L			11/15/16 02:01	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			11/15/16 02:01	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			11/15/16 02:01	5
Cyclohexane	ND		5.0	0.90	ug/L			11/15/16 02:01	5
Dibromochloromethane	ND		5.0	1.6	ug/L			11/15/16 02:01	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			11/15/16 02:01	5
Ethylbenzene	ND		5.0	3.7	ug/L			11/15/16 02:01	5
Isopropylbenzene	ND		5.0	4.0	ug/L			11/15/16 02:01	5
Methyl acetate	ND		13	6.5	ug/L			11/15/16 02:01	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			11/15/16 02:01	5
Methylcyclohexane	ND		5.0	0.80	ug/L			11/15/16 02:01	5
Methylene Chloride	ND		5.0	2.2	ug/L			11/15/16 02:01	5
Styrene	ND		5.0	3.7	ug/L			11/15/16 02:01	5
Tetrachloroethene	ND		5.0	1.8	ug/L			11/15/16 02:01	5
Toluene	ND		5.0	2.6	ug/L			11/15/16 02:01	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			11/15/16 02:01	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			11/15/16 02:01	5
Trichloroethene	ND		5.0	2.3	ug/L			11/15/16 02:01	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			11/15/16 02:01	5
Vinyl chloride	ND		5.0	4.5	ug/L			11/15/16 02:01	5
Xylenes, Total	ND		10	3.3	ug/L			11/15/16 02:01	5

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C PS-06_1116

Lab Sample ID: 480-109026-7

Date Collected: 11/03/16 10:30
Matrix: Ground Water
Date Received: 11/03/16 17:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*11/15/16 02:01*	*5*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*11/15/16 02:01*	*5*
Toluene-d8 (Surr)	*94*		*80 - 120*		*11/15/16 02:01*	*5*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*11/15/16 02:01*	*5*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.6	0.45	ug/L		11/05/16 07:26	11/09/16 05:43	1
2,4,6-Trichlorophenol	ND		4.6	0.57	ug/L		11/05/16 07:26	11/09/16 05:43	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		11/05/16 07:26	11/09/16 05:43	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/05/16 07:26	11/09/16 05:43	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		11/05/16 07:26	11/09/16 05:43	1
2,4-Dinitrotoluene	ND		4.6	0.42	ug/L		11/05/16 07:26	11/09/16 05:43	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 05:43	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		11/05/16 07:26	11/09/16 05:43	1
2-Chlorophenol	ND		4.6	0.49	ug/L		11/05/16 07:26	11/09/16 05:43	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		11/05/16 07:26	11/09/16 05:43	1
2-Methylphenol	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 05:43	1
2-Nitroaniline	ND		9.3	0.39	ug/L		11/05/16 07:26	11/09/16 05:43	1
2-Nitrophenol	ND		4.6	0.45	ug/L		11/05/16 07:26	11/09/16 05:43	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 05:43	1
3-Nitroaniline	ND		9.3	0.45	ug/L		11/05/16 07:26	11/09/16 05:43	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		11/05/16 07:26	11/09/16 05:43	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		11/05/16 07:26	11/09/16 05:43	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		11/05/16 07:26	11/09/16 05:43	1
4-Chloroaniline	ND		4.6	0.55	ug/L		11/05/16 07:26	11/09/16 05:43	1
4-Chlorophenyl phenyl ether	ND		4.6	0.33	ug/L		11/05/16 07:26	11/09/16 05:43	1
4-Methylphenol	ND		9.3	0.33	ug/L		11/05/16 07:26	11/09/16 05:43	1
4-Nitroaniline	ND		9.3	0.23	ug/L		11/05/16 07:26	11/09/16 05:43	1
4-Nitrophenol	ND		9.3	1.4	ug/L		11/05/16 07:26	11/09/16 05:43	1
Acenaphthene	ND		4.6	0.38	ug/L		11/05/16 07:26	11/09/16 05:43	1
Acenaphthylene	ND		4.6	0.35	ug/L		11/05/16 07:26	11/09/16 05:43	1
Acetophenone	ND		4.6	0.50	ug/L		11/05/16 07:26	11/09/16 05:43	1
Aniline	ND		9.3	0.57	ug/L		11/05/16 07:26	11/09/16 05:43	1
Anthracene	ND		4.6	0.26	ug/L		11/05/16 07:26	11/09/16 05:43	1
Atrazine	ND		4.6	0.43	ug/L		11/05/16 07:26	11/09/16 05:43	1
Benzaldehyde	ND		4.6	0.25	ug/L		11/05/16 07:26	11/09/16 05:43	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		11/05/16 07:26	11/09/16 05:43	1
Benzo(a)pyrene	ND		4.6	0.44	ug/L		11/05/16 07:26	11/09/16 05:43	1
Benzo(b)fluoranthene	ND		4.6	0.32	ug/L		11/05/16 07:26	11/09/16 05:43	1
Benzo(g,h,i)perylene	ND		4.6	0.33	ug/L		11/05/16 07:26	11/09/16 05:43	1
Benzo(k)fluoranthene	ND		4.6	0.68	ug/L		11/05/16 07:26	11/09/16 05:43	1
Biphenyl	ND		4.6	0.61	ug/L		11/05/16 07:26	11/09/16 05:43	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		11/05/16 07:26	11/09/16 05:43	1
Bis(2-chloroethoxy)methane	ND		4.6	0.33	ug/L		11/05/16 07:26	11/09/16 05:43	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 05:43	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		11/05/16 07:26	11/09/16 05:43	1
Butyl benzyl phthalate	ND		4.6	0.93	ug/L		11/05/16 07:26	11/09/16 05:43	1
Caprolactam	ND		4.6	2.0	ug/L		11/05/16 07:26	11/09/16 05:43	1
Carbazole	ND		4.6	0.28	ug/L		11/05/16 07:26	11/09/16 05:43	1

Client Sample ID: BCC Area C PS-06_1116

Lab Sample ID: 480-109026-7

Date Collected: 11/03/16 10:30

Matrix: Ground Water

Date Received: 11/03/16 17:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.6	0.31	ug/L		11/05/16 07:26	11/09/16 05:43	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		11/05/16 07:26	11/09/16 05:43	1
Dibenzofuran	ND		9.3	0.47	ug/L		11/05/16 07:26	11/09/16 05:43	1
Diethyl phthalate	ND		4.6	0.20	ug/L		11/05/16 07:26	11/09/16 05:43	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		11/05/16 07:26	11/09/16 05:43	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		11/05/16 07:26	11/09/16 05:43	1
Di-n-octyl phthalate	ND		4.6	0.44	ug/L		11/05/16 07:26	11/09/16 05:43	1
Fluoranthene	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 05:43	1
Fluorene	ND		4.6	0.33	ug/L		11/05/16 07:26	11/09/16 05:43	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		11/05/16 07:26	11/09/16 05:43	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		11/05/16 07:26	11/09/16 05:43	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		11/05/16 07:26	11/09/16 05:43	1
Hexachloroethane	ND		4.6	0.55	ug/L		11/05/16 07:26	11/09/16 05:43	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.44	ug/L		11/05/16 07:26	11/09/16 05:43	1
Isophorone	ND		4.6	0.40	ug/L		11/05/16 07:26	11/09/16 05:43	1
Naphthalene	ND		4.6	0.71	ug/L		11/05/16 07:26	11/09/16 05:43	1
Nitrobenzene	ND		4.6	0.27	ug/L		11/05/16 07:26	11/09/16 05:43	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		11/05/16 07:26	11/09/16 05:43	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		11/05/16 07:26	11/09/16 05:43	1
Pentachlorophenol	ND		9.3	2.0	ug/L		11/05/16 07:26	11/09/16 05:43	1
Phenanthrene	ND		4.6	0.41	ug/L		11/05/16 07:26	11/09/16 05:43	1
Phenol	ND		4.6	0.36	ug/L		11/05/16 07:26	11/09/16 05:43	1
Pyrene	ND		4.6	0.32	ug/L		11/05/16 07:26	11/09/16 05:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*84*		*52 - 132*	*11/05/16 07:26*	*11/09/16 05:43*	*1*
2-Fluorobiphenyl	*88*		*48 - 120*	*11/05/16 07:26*	*11/09/16 05:43*	*1*
2-Fluorophenol	*57*		*20 - 120*	*11/05/16 07:26*	*11/09/16 05:43*	*1*
Nitrobenzene-d5	*70*		*46 - 120*	*11/05/16 07:26*	*11/09/16 05:43*	*1*
Phenol-d5	*41*		*16 - 120*	*11/05/16 07:26*	*11/09/16 05:43*	*1*
p-Terphenyl-d14	*71*		*67 - 150*	*11/05/16 07:26*	*11/09/16 05:43*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.066**	**J**	0.20	0.060	mg/L		11/04/16 12:40	11/08/16 10:01	1
Antimony	ND		0.020	0.0068	mg/L		11/04/16 12:40	11/08/16 10:01	1
Arsenic	**0.11**		0.015	0.0056	mg/L		11/04/16 12:40	11/08/16 10:01	1
Barium	**0.013**		0.0020	0.00070	mg/L		11/04/16 12:40	11/08/16 10:01	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/16 12:40	11/08/16 10:01	1
Cadmium	**0.0014**	**J**	0.0020	0.00050	mg/L		11/04/16 12:40	11/08/16 10:01	1
Calcium	**283**		0.50	0.10	mg/L		11/04/16 12:40	11/08/16 10:01	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/16 12:40	11/08/16 10:01	1
Cobalt	ND		0.0040	0.00063	mg/L		11/04/16 12:40	11/08/16 10:01	1
Copper	ND		0.010	0.0016	mg/L		11/04/16 12:40	11/08/16 10:01	1
Iron	**66.8**		0.050	0.019	mg/L		11/04/16 12:40	11/08/16 10:01	1
Lead	**0.0058**	**J**	0.010	0.0030	mg/L		11/04/16 12:40	11/08/16 10:01	1
Magnesium	**17.2**		0.20	0.043	mg/L		11/04/16 12:40	11/08/16 10:01	1
Manganese	**0.36**		0.0030	0.00040	mg/L		11/04/16 12:40	11/08/16 10:01	1
Nickel	**0.0036**	**J**	0.010	0.0013	mg/L		11/04/16 12:40	11/08/16 10:01	1
Potassium	**77.5**		0.50	0.10	mg/L		11/04/16 12:40	11/08/16 10:01	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C PS-06_1116

Lab Sample ID: 480-109026-7

Date Collected: 11/03/16 10:30

Matrix: Ground Water

Date Received: 11/03/16 17:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/04/16 12:40	11/08/16 10:01	1
Silver	ND		0.0060	0.0017	mg/L		11/04/16 12:40	11/08/16 10:01	1
Sodium	**128**		1.0	0.32	mg/L		11/04/16 12:40	11/08/16 10:01	1
Thallium	ND		0.020	0.010	mg/L		11/04/16 12:40	11/08/16 10:01	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/16 12:40	11/08/16 10:01	1
Zinc	**0.026**		0.010	0.0015	mg/L		11/04/16 12:40	11/08/16 10:01	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/07/16 08:25	11/07/16 13:02	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C PS-05A D_1116

Lab Sample ID: 480-109026-8

Date Collected: 11/03/16 11:50
Matrix: Ground Water
Date Received: 11/03/16 17:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/15/16 02:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/15/16 02:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/15/16 02:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/15/16 02:24	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/15/16 02:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/15/16 02:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/15/16 02:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/15/16 02:24	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/15/16 02:24	1
1,2-Dichlorobenzene	**3.7**		1.0	0.79	ug/L			11/15/16 02:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/15/16 02:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/15/16 02:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/15/16 02:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/15/16 02:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/15/16 02:24	1
2-Hexanone	ND		5.0	1.2	ug/L			11/15/16 02:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/15/16 02:24	1
Acetone	**24**		10	3.0	ug/L			11/15/16 02:24	1
Benzene	ND		1.0	0.41	ug/L			11/15/16 02:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/15/16 02:24	1
Bromoform	ND		1.0	0.26	ug/L			11/15/16 02:24	1
Bromomethane	ND		1.0	0.69	ug/L			11/15/16 02:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/15/16 02:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/15/16 02:24	1
Chloroethane	ND		1.0	0.32	ug/L			11/15/16 02:24	1
Chloroform	ND		1.0	0.34	ug/L			11/15/16 02:24	1
Chloromethane	ND		1.0	0.35	ug/L			11/15/16 02:24	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/15/16 02:24	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/15/16 02:24	1
Cyclohexane	ND		1.0	0.18	ug/L			11/15/16 02:24	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/15/16 02:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/15/16 02:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/15/16 02:24	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/15/16 02:24	1
Methyl acetate	ND		2.5	1.3	ug/L			11/15/16 02:24	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/15/16 02:24	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/15/16 02:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/15/16 02:24	1
Styrene	ND		1.0	0.73	ug/L			11/15/16 02:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/15/16 02:24	1
Toluene	ND		1.0	0.51	ug/L			11/15/16 02:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/15/16 02:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/15/16 02:24	1
Trichloroethene	ND		1.0	0.46	ug/L			11/15/16 02:24	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/15/16 02:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/15/16 02:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/15/16 02:24	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C PS-05A D_1116

Lab Sample ID: 480-109026-8

Date Collected: 11/03/16 11:50
Matrix: Ground Water
Date Received: 11/03/16 17:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*11/15/16 02:24*	*1*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*11/15/16 02:24*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*		*11/15/16 02:24*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*11/15/16 02:24*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	**250**		5.0	3.8	ug/L			11/15/16 17:29	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*11/15/16 17:29*	*5*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*11/15/16 17:29*	*5*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/15/16 17:29*	*5*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*11/15/16 17:29*	*5*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.6	0.44	ug/L		11/05/16 07:26	11/09/16 06:12	1
2,4,6-Trichlorophenol	ND		4.6	0.57	ug/L		11/05/16 07:26	11/09/16 06:12	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		11/05/16 07:26	11/09/16 06:12	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/05/16 07:26	11/09/16 06:12	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		11/05/16 07:26	11/09/16 06:12	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		11/05/16 07:26	11/09/16 06:12	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 06:12	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		11/05/16 07:26	11/09/16 06:12	1
2-Chlorophenol	ND		4.6	0.49	ug/L		11/05/16 07:26	11/09/16 06:12	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		11/05/16 07:26	11/09/16 06:12	1
2-Methylphenol	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 06:12	1
2-Nitroaniline	ND		9.3	0.39	ug/L		11/05/16 07:26	11/09/16 06:12	1
2-Nitrophenol	ND		4.6	0.44	ug/L		11/05/16 07:26	11/09/16 06:12	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 06:12	1
3-Nitroaniline	ND		9.3	0.44	ug/L		11/05/16 07:26	11/09/16 06:12	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		11/05/16 07:26	11/09/16 06:12	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		11/05/16 07:26	11/09/16 06:12	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		11/05/16 07:26	11/09/16 06:12	1
4-Chloroaniline	ND		4.6	0.55	ug/L		11/05/16 07:26	11/09/16 06:12	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		11/05/16 07:26	11/09/16 06:12	1
4-Methylphenol	**0.54**	**J**	9.3	0.33	ug/L		11/05/16 07:26	11/09/16 06:12	1
4-Nitroaniline	ND		9.3	0.23	ug/L		11/05/16 07:26	11/09/16 06:12	1
4-Nitrophenol	ND		9.3	1.4	ug/L		11/05/16 07:26	11/09/16 06:12	1
Acenaphthene	ND		4.6	0.38	ug/L		11/05/16 07:26	11/09/16 06:12	1
Acenaphthylene	ND		4.6	0.35	ug/L		11/05/16 07:26	11/09/16 06:12	1
Acetophenone	ND		4.6	0.50	ug/L		11/05/16 07:26	11/09/16 06:12	1
Aniline	ND		9.3	0.57	ug/L		11/05/16 07:26	11/09/16 06:12	1
Anthracene	ND		4.6	0.26	ug/L		11/05/16 07:26	11/09/16 06:12	1
Atrazine	ND		4.6	0.43	ug/L		11/05/16 07:26	11/09/16 06:12	1
Benzaldehyde	ND		4.6	0.25	ug/L		11/05/16 07:26	11/09/16 06:12	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		11/05/16 07:26	11/09/16 06:12	1
Benzo(a)pyrene	ND		4.6	0.44	ug/L		11/05/16 07:26	11/09/16 06:12	1
Benzo(b)fluoranthene	ND		4.6	0.32	ug/L		11/05/16 07:26	11/09/16 06:12	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		11/05/16 07:26	11/09/16 06:12	1

Client Sample ID: BCC Area C PS-05A D_1116

Lab Sample ID: 480-109026-8

Date Collected: 11/03/16 11:50

Matrix: Ground Water

Date Received: 11/03/16 17:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		4.6	0.68	ug/L		11/05/16 07:26	11/09/16 06:12	1
Biphenyl	ND		4.6	0.61	ug/L		11/05/16 07:26	11/09/16 06:12	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		11/05/16 07:26	11/09/16 06:12	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		11/05/16 07:26	11/09/16 06:12	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 06:12	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		11/05/16 07:26	11/09/16 06:12	1
Butyl benzyl phthalate	ND		4.6	0.93	ug/L		11/05/16 07:26	11/09/16 06:12	1
Caprolactam	ND		4.6	2.0	ug/L		11/05/16 07:26	11/09/16 06:12	1
Carbazole	ND		4.6	0.28	ug/L		11/05/16 07:26	11/09/16 06:12	1
Chrysene	ND		4.6	0.31	ug/L		11/05/16 07:26	11/09/16 06:12	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		11/05/16 07:26	11/09/16 06:12	1
Dibenzofuran	ND		9.3	0.47	ug/L		11/05/16 07:26	11/09/16 06:12	1
Diethyl phthalate	ND		4.6	0.20	ug/L		11/05/16 07:26	11/09/16 06:12	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		11/05/16 07:26	11/09/16 06:12	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		11/05/16 07:26	11/09/16 06:12	1
Di-n-octyl phthalate	ND		4.6	0.44	ug/L		11/05/16 07:26	11/09/16 06:12	1
Fluoranthene	ND		4.6	0.37	ug/L		11/05/16 07:26	11/09/16 06:12	1
Fluorene	ND		4.6	0.33	ug/L		11/05/16 07:26	11/09/16 06:12	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		11/05/16 07:26	11/09/16 06:12	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		11/05/16 07:26	11/09/16 06:12	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		11/05/16 07:26	11/09/16 06:12	1
Hexachloroethane	ND		4.6	0.55	ug/L		11/05/16 07:26	11/09/16 06:12	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.44	ug/L		11/05/16 07:26	11/09/16 06:12	1
Isophorone	ND		4.6	0.40	ug/L		11/05/16 07:26	11/09/16 06:12	1
Naphthalene	ND		4.6	0.70	ug/L		11/05/16 07:26	11/09/16 06:12	1
Nitrobenzene	ND		4.6	0.27	ug/L		11/05/16 07:26	11/09/16 06:12	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		11/05/16 07:26	11/09/16 06:12	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		11/05/16 07:26	11/09/16 06:12	1
Pentachlorophenol	ND		9.3	2.0	ug/L		11/05/16 07:26	11/09/16 06:12	1
Phenanthrene	ND		4.6	0.41	ug/L		11/05/16 07:26	11/09/16 06:12	1
Phenol	ND		4.6	0.36	ug/L		11/05/16 07:26	11/09/16 06:12	1
Pyrene	ND		4.6	0.32	ug/L		11/05/16 07:26	11/09/16 06:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*74*		*52 - 132*	*11/05/16 07:26*	*11/09/16 06:12*	*1*
2-Fluorobiphenyl	*73*		*48 - 120*	*11/05/16 07:26*	*11/09/16 06:12*	*1*
2-Fluorophenol	*51*		*20 - 120*	*11/05/16 07:26*	*11/09/16 06:12*	*1*
Nitrobenzene-d5	*63*		*46 - 120*	*11/05/16 07:26*	*11/09/16 06:12*	*1*
Phenol-d5	*36*		*16 - 120*	*11/05/16 07:26*	*11/09/16 06:12*	*1*
p-Terphenyl-d14	*60*	*X*	*67 - 150*	*11/05/16 07:26*	*11/09/16 06:12*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.24**		0.20	0.060	mg/L		11/04/16 12:40	11/08/16 10:05	1
Antimony	ND		0.020	0.0068	mg/L		11/04/16 12:40	11/08/16 10:05	1
Arsenic	**0.13**		0.015	0.0056	mg/L		11/04/16 12:40	11/08/16 10:05	1
Barium	**0.043**		0.0020	0.00070	mg/L		11/04/16 12:40	11/08/16 10:05	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/16 12:40	11/08/16 10:05	1
Cadmium	**0.0021**		0.0020	0.00050	mg/L		11/04/16 12:40	11/08/16 10:05	1
Calcium	**420**		0.50	0.10	mg/L		11/04/16 12:40	11/08/16 10:05	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C PS-05A D_1116

Lab Sample ID: 480-109026-8

Date Collected: 11/03/16 11:50

Matrix: Ground Water

Date Received: 11/03/16 17:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0011	J	0.0040	0.0010	mg/L		11/04/16 12:40	11/08/16 10:05	1
Cobalt	0.0090		0.0040	0.00063	mg/L		11/04/16 12:40	11/08/16 10:05	1
Copper	0.015		0.010	0.0016	mg/L		11/04/16 12:40	11/08/16 10:05	1
Iron	118		0.050	0.019	mg/L		11/04/16 12:40	11/08/16 10:05	1
Lead	0.0086	J	0.010	0.0030	mg/L		11/04/16 12:40	11/08/16 10:05	1
Magnesium	55.2		0.20	0.043	mg/L		11/04/16 12:40	11/08/16 10:05	1
Manganese	2.0		0.0030	0.00040	mg/L		11/04/16 12:40	11/08/16 10:05	1
Nickel	0.020		0.010	0.0013	mg/L		11/04/16 12:40	11/08/16 10:05	1
Potassium	15.8		0.50	0.10	mg/L		11/04/16 12:40	11/08/16 10:05	1
Selenium	ND		0.025	0.0087	mg/L		11/04/16 12:40	11/08/16 10:05	1
Silver	ND		0.0060	0.0017	mg/L		11/04/16 12:40	11/08/16 10:05	1
Sodium	106		1.0	0.32	mg/L		11/04/16 12:40	11/08/16 10:05	1
Thallium	ND		0.020	0.010	mg/L		11/04/16 12:40	11/08/16 10:05	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/16 12:40	11/08/16 10:05	1
Zinc	0.45		0.010	0.0015	mg/L		11/04/16 12:40	11/08/16 10:05	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/07/16 08:25	11/07/16 13:08	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-109026-9

Date Collected: 11/03/16 00:00

Matrix: Water

Date Received: 11/03/16 17:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/15/16 02:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/15/16 02:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/15/16 02:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/15/16 02:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/15/16 02:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/15/16 02:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/15/16 02:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/15/16 02:48	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/15/16 02:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/15/16 02:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/15/16 02:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/15/16 02:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/15/16 02:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/15/16 02:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/15/16 02:48	1
2-Hexanone	ND		5.0	1.2	ug/L			11/15/16 02:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/15/16 02:48	1
Acetone	ND		10	3.0	ug/L			11/15/16 02:48	1
Benzene	ND		1.0	0.41	ug/L			11/15/16 02:48	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/15/16 02:48	1
Bromoform	ND		1.0	0.26	ug/L			11/15/16 02:48	1
Bromomethane	ND		1.0	0.69	ug/L			11/15/16 02:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/15/16 02:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/15/16 02:48	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/15/16 02:48	1
Chloroethane	ND		1.0	0.32	ug/L			11/15/16 02:48	1
Chloroform	ND		1.0	0.34	ug/L			11/15/16 02:48	1
Chloromethane	ND		1.0	0.35	ug/L			11/15/16 02:48	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/15/16 02:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/15/16 02:48	1
Cyclohexane	ND		1.0	0.18	ug/L			11/15/16 02:48	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/15/16 02:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/15/16 02:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/15/16 02:48	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/15/16 02:48	1
Methyl acetate	ND		2.5	1.3	ug/L			11/15/16 02:48	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/15/16 02:48	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/15/16 02:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/15/16 02:48	1
Styrene	ND		1.0	0.73	ug/L			11/15/16 02:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/15/16 02:48	1
Toluene	ND		1.0	0.51	ug/L			11/15/16 02:48	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/15/16 02:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/15/16 02:48	1
Trichloroethene	ND		1.0	0.46	ug/L			11/15/16 02:48	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/15/16 02:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/15/16 02:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/15/16 02:48	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-109026-9

Date Collected: 11/03/16 00:00

Matrix: Water

Date Received: 11/03/16 17:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		11/15/16 02:48	1
4-Bromofluorobenzene (Surr)	88		73 - 120		11/15/16 02:48	1
Toluene-d8 (Surr)	91		80 - 120		11/15/16 02:48	1
Dibromofluoromethane (Surr)	99		75 - 123		11/15/16 02:48	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Ground Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-109026-1	BCC Area C MW-C01_1116	97	88	93	96
480-109026-2	BCC Area C RFI-31_1116	95	89	92	93
480-109026-3	BCC Area C PS-04_1116	94	91	92	96
480-109026-4	BCC Area C MW-C04_1116	94	88	91	92
480-109026-5	BCC Area C RFI-20_1116	100	96	95	102
480-109026-6	BCC Area C PS-05A_1116	104	100	102	106
480-109026-6 MS	BCC Area C PS-05A MS_1116	102	105	105	108
480-109026-6 MSD	BCC Area C PS-05A MSD_1116	102	103	105	105
480-109026-7	BCC Area C PS-06_1116	103	89	94	102
480-109026-8	BCC Area C PS-05A D_1116	100	92	88	96
480-109026-8 - DL	BCC Area C PS-05A D_1116	107	102	104	106

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-109026-9	TRIP BLANK	98	88	91	99
LCS 480-331551/5	Lab Control Sample	98	96	96	95
LCS 480-331674/4	Lab Control Sample	103	101	104	106
LCSD 480-331551/6	Lab Control Sample Dup	97	93	95	94
MB 480-331551/8	Method Blank	87	87	91	89
MB 480-331674/6	Method Blank	102	100	102	102

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Ground Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)
480-109026-1	BCC Area C MW-C01_1116	75	65	44	55	31	74
480-109026-2	BCC Area C RFI-31_1116	86	63	49	64	36	82
480-109026-3	BCC Area C PS-04_1116	75	73	50	62	35	71
480-109026-4	BCC Area C MW-C04_1116	81	78	50	63	35	76
480-109026-5	BCC Area C RFI-20_1116	81	81	52	69	36	79
480-109026-6	BCC Area C PS-05A_1116	78	84	58	69	41	70

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Ground Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)
480-109026-6 MS	BCC Area C PS-05A MS_1116	76	77	55	64	41	59 X
480-109026-6 MSD	BCC Area C PS-05A MSD_1116	86	81	54	66	41	64 X
480-109026-7	BCC Area C PS-06_1116	84	88	57	70	41	71
480-109026-8	BCC Area C PS-05A D_1116	74	73	51	63	36	60 X

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = p-Terphenyl-d14

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)
LCS 480-329831/2-A	Lab Control Sample	84	86	62	72	48	103
LCS 480-330672/2-A	Lab Control Sample	86	87	56	69	43	95
MB 480-329831/1-A	Method Blank	58	73	55	62	40	83
MB 480-330672/1-A	Method Blank	75	89	68	76	53	103

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = p-Terphenyl-d14

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-331551/8
Matrix: Water
Analysis Batch: 331551

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/14/16 22:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/14/16 22:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/14/16 22:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/14/16 22:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/14/16 22:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/14/16 22:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/14/16 22:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/14/16 22:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/14/16 22:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/14/16 22:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/14/16 22:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/14/16 22:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/14/16 22:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/14/16 22:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/14/16 22:05	1
2-Hexanone	ND		5.0	1.2	ug/L			11/14/16 22:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/14/16 22:05	1
Acetone	ND		10	3.0	ug/L			11/14/16 22:05	1
Benzene	ND		1.0	0.41	ug/L			11/14/16 22:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/14/16 22:05	1
Bromoform	ND		1.0	0.26	ug/L			11/14/16 22:05	1
Bromomethane	ND		1.0	0.69	ug/L			11/14/16 22:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/14/16 22:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/14/16 22:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/14/16 22:05	1
Chloroethane	ND		1.0	0.32	ug/L			11/14/16 22:05	1
Chloroform	ND		1.0	0.34	ug/L			11/14/16 22:05	1
Chloromethane	ND		1.0	0.35	ug/L			11/14/16 22:05	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/14/16 22:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/14/16 22:05	1
Cyclohexane	ND		1.0	0.18	ug/L			11/14/16 22:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/14/16 22:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/14/16 22:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/14/16 22:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/14/16 22:05	1
Methyl acetate	ND		2.5	1.3	ug/L			11/14/16 22:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/14/16 22:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/14/16 22:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/14/16 22:05	1
Styrene	ND		1.0	0.73	ug/L			11/14/16 22:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/14/16 22:05	1
Toluene	ND		1.0	0.51	ug/L			11/14/16 22:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/14/16 22:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/14/16 22:05	1
Trichloroethene	ND		1.0	0.46	ug/L			11/14/16 22:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/14/16 22:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/14/16 22:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/14/16 22:05	1

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		77 - 120		11/14/16 22:05	1
4-Bromofluorobenzene (Surr)	87		73 - 120		11/14/16 22:05	1
Toluene-d8 (Surr)	91		80 - 120		11/14/16 22:05	1
Dibromofluoromethane (Surr)	89		75 - 123		11/14/16 22:05	1

Lab Sample ID: LCS 480-331551/5
Matrix: Water
Analysis Batch: 331551

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	26.7		ug/L		107	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.0		ug/L		96	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.7		ug/L		111	61 - 148
1,1,2-Trichloroethane	25.0	23.1		ug/L		92	76 - 122
1,1-Dichloroethane	25.0	24.5		ug/L		98	77 - 120
1,1-Dichloroethene	25.0	26.1		ug/L		104	66 - 127
1,2,4-Trichlorobenzene	25.0	23.8		ug/L		95	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.6		ug/L		90	56 - 134
1,2-Dibromoethane	25.0	22.9		ug/L		92	77 - 120
1,2-Dichlorobenzene	25.0	24.2		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	23.6		ug/L		95	75 - 120
1,2-Dichloropropane	25.0	24.5		ug/L		98	76 - 120
1,3-Dichlorobenzene	25.0	24.4		ug/L		98	77 - 120
1,4-Dichlorobenzene	25.0	25.0		ug/L		100	80 - 120
2-Butanone (MEK)	125	137		ug/L		110	57 - 140
2-Hexanone	125	121		ug/L		97	65 - 127
4-Methyl-2-pentanone (MIBK)	125	118		ug/L		94	71 - 125
Acetone	125	144		ug/L		115	56 - 142
Benzene	25.0	24.1		ug/L		96	71 - 124
Bromodichloromethane	25.0	22.6		ug/L		91	80 - 122
Bromoform	25.0	18.5		ug/L		74	61 - 132
Bromomethane	25.0	26.0		ug/L		104	55 - 144
Carbon disulfide	25.0	25.3		ug/L		101	59 - 134
Carbon tetrachloride	25.0	26.9		ug/L		108	72 - 134
Chlorobenzene	25.0	24.3		ug/L		97	80 - 120
Chloroethane	25.0	25.1		ug/L		100	69 - 136
Chloroform	25.0	24.0		ug/L		96	73 - 127
Chloromethane	25.0	23.7		ug/L		95	68 - 124
cis-1,2-Dichloroethene	25.0	25.0		ug/L		100	74 - 124
cis-1,3-Dichloropropene	25.0	21.7		ug/L		87	74 - 124
Cyclohexane	25.0	27.5		ug/L		110	59 - 135
Dibromochloromethane	25.0	22.6		ug/L		90	75 - 125
Dichlorodifluoromethane	25.0	25.0		ug/L		100	59 - 135
Ethylbenzene	25.0	25.0		ug/L		100	77 - 123
Isopropylbenzene	25.0	26.0		ug/L		104	77 - 122
Methyl acetate	125	116		ug/L		93	74 - 133
Methyl tert-butyl ether	25.0	22.5		ug/L		90	77 - 120
Methylcyclohexane	25.0	26.8		ug/L		107	68 - 134
Methylene Chloride	25.0	23.1		ug/L		92	75 - 124
Styrene	25.0	24.1		ug/L		96	80 - 120
Tetrachloroethene	25.0	27.3		ug/L		109	74 - 122
Toluene	25.0	24.4		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	26.3		ug/L		105	73 - 127

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-331551/5
Matrix: Water
Analysis Batch: 331551

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	25.0	20.6		ug/L		83	80 - 120
Trichloroethene	25.0	24.9		ug/L		100	74 - 123
Trichlorofluoromethane	25.0	29.3		ug/L		117	62 - 150
Vinyl chloride	25.0	25.9		ug/L		103	65 - 133
Xylenes, Total	50.0	50.4		ug/L		101	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*
Toluene-d8 (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*75 - 123*

Lab Sample ID: LCSD 480-331551/6
Matrix: Water
Analysis Batch: 331551

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	25.0	28.7		ug/L		115	73 - 126	7	15
1,1,2,2-Tetrachloroethane	25.0	23.6		ug/L		95	76 - 120	2	15
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	29.7		ug/L		119	61 - 148	7	20
1,1,2-Trichloroethane	25.0	23.1		ug/L		92	76 - 122	0	15
1,1-Dichloroethane	25.0	26.3		ug/L		105	77 - 120	7	20
1,1-Dichloroethene	25.0	27.4		ug/L		110	66 - 127	5	16
1,2,4-Trichlorobenzene	25.0	24.5		ug/L		98	79 - 122	3	20
1,2-Dibromo-3-Chloropropane	25.0	22.7		ug/L		91	56 - 134	1	15
1,2-Dibromoethane	25.0	24.4		ug/L		98	77 - 120	6	15
1,2-Dichlorobenzene	25.0	25.7		ug/L		103	80 - 124	6	20
1,2-Dichloroethane	25.0	24.1		ug/L		97	75 - 120	2	20
1,2-Dichloropropane	25.0	24.1		ug/L		97	76 - 120	1	20
1,3-Dichlorobenzene	25.0	25.3		ug/L		101	77 - 120	3	20
1,4-Dichlorobenzene	25.0	25.5		ug/L		102	80 - 120	2	20
2-Butanone (MEK)	125	125		ug/L		100	57 - 140	9	20
2-Hexanone	125	119		ug/L		95	65 - 127	2	15
4-Methyl-2-pentanone (MIBK)	125	122		ug/L		97	71 - 125	3	35
Acetone	125	148		ug/L		118	56 - 142	3	15
Benzene	25.0	26.3		ug/L		105	71 - 124	9	13
Bromodichloromethane	25.0	23.7		ug/L		95	80 - 122	5	15
Bromoform	25.0	18.4		ug/L		73	61 - 132	1	15
Bromomethane	25.0	28.4		ug/L		114	55 - 144	9	15
Carbon disulfide	25.0	27.2		ug/L		109	59 - 134	7	15
Carbon tetrachloride	25.0	29.1		ug/L		117	72 - 134	8	15
Chlorobenzene	25.0	25.2		ug/L		101	80 - 120	4	25
Chloroethane	25.0	28.0		ug/L		112	69 - 136	11	15
Chloroform	25.0	24.8		ug/L		99	73 - 127	3	20
Chloromethane	25.0	25.1		ug/L		100	68 - 124	6	15
cis-1,2-Dichloroethene	25.0	25.4		ug/L		102	74 - 124	2	15
cis-1,3-Dichloropropene	25.0	22.4		ug/L		89	74 - 124	3	15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 480-331551/6
Matrix: Water
Analysis Batch: 331551

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyclohexane	25.0	29.6		ug/L		118	59 - 135	7	20
Dibromochloromethane	25.0	21.9		ug/L		88	75 - 125	3	15
Dichlorodifluoromethane	25.0	26.2		ug/L		105	59 - 135	5	20
Ethylbenzene	25.0	25.5		ug/L		102	77 - 123	2	15
Isopropylbenzene	25.0	27.7		ug/L		111	77 - 122	6	20
Methyl acetate	125	122		ug/L		97	74 - 133	4	20
Methyl tert-butyl ether	25.0	22.8		ug/L		91	77 - 120	1	37
Methylcyclohexane	25.0	29.7		ug/L		119	68 - 134	10	20
Methylene Chloride	25.0	24.2		ug/L		97	75 - 124	5	15
Styrene	25.0	24.6		ug/L		99	80 - 120	2	20
Tetrachloroethene	25.0	29.4		ug/L		117	74 - 122	7	20
Toluene	25.0	25.8		ug/L		103	80 - 122	6	15
trans-1,2-Dichloroethene	25.0	27.3		ug/L		109	73 - 127	4	20
trans-1,3-Dichloropropene	25.0	21.2		ug/L		85	80 - 120	3	15
Trichloroethene	25.0	27.1		ug/L		108	74 - 123	8	16
Trichlorofluoromethane	25.0	31.4		ug/L		125	62 - 150	7	20
Vinyl chloride	25.0	28.4		ug/L		114	65 - 133	9	15
Xylenes, Total	50.0	52.2		ug/L		104	76 - 122	4	16

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*
Toluene-d8 (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*75 - 123*

Lab Sample ID: MB 480-331674/6
Matrix: Water
Analysis Batch: 331674

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/15/16 11:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/15/16 11:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/15/16 11:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/15/16 11:16	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/15/16 11:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/15/16 11:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/15/16 11:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/15/16 11:16	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/15/16 11:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/15/16 11:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/15/16 11:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/15/16 11:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/15/16 11:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/15/16 11:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/15/16 11:16	1
2-Hexanone	ND		5.0	1.2	ug/L			11/15/16 11:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/15/16 11:16	1
Acetone	ND		10	3.0	ug/L			11/15/16 11:16	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-331674/6
Matrix: Water
Analysis Batch: 331674

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			11/15/16 11:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/15/16 11:16	1
Bromoform	ND		1.0	0.26	ug/L			11/15/16 11:16	1
Bromomethane	ND		1.0	0.69	ug/L			11/15/16 11:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/15/16 11:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/15/16 11:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/15/16 11:16	1
Chloroethane	ND		1.0	0.32	ug/L			11/15/16 11:16	1
Chloroform	ND		1.0	0.34	ug/L			11/15/16 11:16	1
Chloromethane	ND		1.0	0.35	ug/L			11/15/16 11:16	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/15/16 11:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/15/16 11:16	1
Cyclohexane	ND		1.0	0.18	ug/L			11/15/16 11:16	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/15/16 11:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/15/16 11:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/15/16 11:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/15/16 11:16	1
Methyl acetate	ND		2.5	1.3	ug/L			11/15/16 11:16	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/15/16 11:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/15/16 11:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/15/16 11:16	1
Styrene	ND		1.0	0.73	ug/L			11/15/16 11:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/15/16 11:16	1
Toluene	ND		1.0	0.51	ug/L			11/15/16 11:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/15/16 11:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/15/16 11:16	1
Trichloroethene	ND		1.0	0.46	ug/L			11/15/16 11:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/15/16 11:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/15/16 11:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/15/16 11:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*11/15/16 11:16*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*11/15/16 11:16*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*11/15/16 11:16*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*11/15/16 11:16*	*1*

Lab Sample ID: LCS 480-331674/4
Matrix: Water
Analysis Batch: 331674

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.4		ug/L		102	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.8		ug/L		103	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.1		ug/L		100	61 - 148
1,1,2-Trichloroethane	25.0	26.1		ug/L		105	76 - 122
1,1-Dichloroethane	25.0	25.0		ug/L		100	77 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-331674/4
Matrix: Water
Analysis Batch: 331674

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	25.0	26.9		ug/L		108	66 - 127
1,2,4-Trichlorobenzene	25.0	26.0		ug/L		104	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	26.9		ug/L		108	56 - 134
1,2-Dibromoethane	25.0	26.3		ug/L		105	77 - 120
1,2-Dichlorobenzene	25.0	25.7		ug/L		103	80 - 124
1,2-Dichloroethane	25.0	24.8		ug/L		99	75 - 120
1,2-Dichloropropane	25.0	25.0		ug/L		100	76 - 120
1,3-Dichlorobenzene	25.0	25.6		ug/L		103	77 - 120
1,4-Dichlorobenzene	25.0	25.2		ug/L		101	80 - 120
2-Butanone (MEK)	125	123		ug/L		99	57 - 140
2-Hexanone	125	119		ug/L		95	65 - 127
4-Methyl-2-pentanone (MIBK)	125	120		ug/L		96	71 - 125
Acetone	125	115		ug/L		92	56 - 142
Benzene	25.0	25.2		ug/L		101	71 - 124
Bromodichloromethane	25.0	25.4		ug/L		101	80 - 122
Bromoform	25.0	25.1		ug/L		100	61 - 132
Bromomethane	25.0	23.0		ug/L		92	55 - 144
Carbon disulfide	25.0	23.7		ug/L		95	59 - 134
Carbon tetrachloride	25.0	26.7		ug/L		107	72 - 134
Chlorobenzene	25.0	24.9		ug/L		100	80 - 120
Chloroethane	25.0	25.3		ug/L		101	69 - 136
Chloroform	25.0	25.3		ug/L		101	73 - 127
Chloromethane	25.0	20.5		ug/L		82	68 - 124
cis-1,2-Dichloroethene	25.0	26.5		ug/L		106	74 - 124
cis-1,3-Dichloropropene	25.0	25.8		ug/L		103	74 - 124
Cyclohexane	25.0	25.5		ug/L		102	59 - 135
Dibromochloromethane	25.0	25.6		ug/L		102	75 - 125
Dichlorodifluoromethane	25.0	15.9		ug/L		64	59 - 135
Ethylbenzene	25.0	24.8		ug/L		99	77 - 123
Isopropylbenzene	25.0	24.7		ug/L		99	77 - 122
Methyl acetate	125	120		ug/L		96	74 - 133
Methyl tert-butyl ether	25.0	25.0		ug/L		100	77 - 120
Methylcyclohexane	25.0	26.0		ug/L		104	68 - 134
Methylene Chloride	25.0	24.3		ug/L		97	75 - 124
Styrene	25.0	25.4		ug/L		101	80 - 120
Tetrachloroethene	25.0	25.9		ug/L		104	74 - 122
Toluene	25.0	24.8		ug/L		99	80 - 122
trans-1,2-Dichloroethene	25.0	26.3		ug/L		105	73 - 127
trans-1,3-Dichloropropene	25.0	25.5		ug/L		102	80 - 120
Trichloroethene	25.0	25.3		ug/L		101	74 - 123
Trichlorofluoromethane	25.0	22.8		ug/L		91	62 - 150
Vinyl chloride	25.0	22.9		ug/L		92	65 - 133
Xylenes, Total	50.0	49.7		ug/L		99	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-331674/4
Matrix: Water
Analysis Batch: 331674

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*106*		*75 - 123*

Lab Sample ID: 480-109026-6 MS
Matrix: Ground Water
Analysis Batch: 331674

Client Sample ID: BCC Area C PS-05A MS_1116
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		125	130		ug/L		104	73 - 126
1,1,2,2-Tetrachloroethane	ND		125	125		ug/L		100	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		125	125		ug/L		100	61 - 148
1,1,2-Trichloroethane	ND		125	128		ug/L		102	76 - 122
1,1-Dichloroethane	ND		125	125		ug/L		100	77 - 120
1,1-Dichloroethene	ND		125	137		ug/L		110	66 - 127
1,2,4-Trichlorobenzene	ND		125	119		ug/L		95	79 - 122
1,2-Dibromo-3-Chloropropane	ND		125	121		ug/L		96	56 - 134
1,2-Dibromoethane	ND		125	130		ug/L		104	77 - 120
1,2-Dichlorobenzene	ND		125	127		ug/L		102	80 - 124
1,2-Dichloroethane	ND		125	121		ug/L		97	75 - 120
1,2-Dichloropropane	ND		125	124		ug/L		99	76 - 120
1,3-Dichlorobenzene	ND		125	125		ug/L		100	77 - 120
1,4-Dichlorobenzene	ND		125	123		ug/L		98	78 - 124
2-Butanone (MEK)	ND		625	568		ug/L		91	57 - 140
2-Hexanone	ND		625	568		ug/L		91	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		625	591		ug/L		95	71 - 125
Acetone	23	J	625	532		ug/L		81	56 - 142
Benzene	ND		125	126		ug/L		101	71 - 124
Bromodichloromethane	ND		125	123		ug/L		98	80 - 122
Bromoform	ND		125	114		ug/L		91	61 - 132
Bromomethane	ND		125	142		ug/L		113	55 - 144
Carbon disulfide	ND		125	107		ug/L		86	59 - 134
Carbon tetrachloride	ND		125	129		ug/L		103	72 - 134
Chlorobenzene	250		125	356		ug/L		84	80 - 120
Chloroethane	ND		125	147		ug/L		118	69 - 136
Chloroform	ND		125	124		ug/L		99	73 - 127
Chloromethane	ND		125	138		ug/L		111	68 - 124
cis-1,2-Dichloroethene	ND		125	129		ug/L		104	74 - 124
cis-1,3-Dichloropropene	ND		125	113		ug/L		90	74 - 124
Cyclohexane	ND		125	125		ug/L		100	59 - 135
Dibromochloromethane	ND		125	124		ug/L		99	75 - 125
Dichlorodifluoromethane	ND		125	150		ug/L		120	59 - 135
Ethylbenzene	ND		125	124		ug/L		99	77 - 123
Isopropylbenzene	ND		125	120		ug/L		96	77 - 122
Methyl acetate	ND		625	556		ug/L		89	74 - 133
Methyl tert-butyl ether	ND		125	122		ug/L		97	77 - 120
Methylcyclohexane	ND		125	121		ug/L		97	68 - 134
Methylene Chloride	ND		125	121		ug/L		97	75 - 124
Styrene	ND		125	129		ug/L		103	80 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-109026-6 MS
Matrix: Ground Water
Analysis Batch: 331674

Client Sample ID: BCC Area C PS-05A MS_1116
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	ND		125	129		ug/L		103	74 - 122
Toluene	ND		125	127		ug/L		102	80 - 122
trans-1,2-Dichloroethene	ND		125	129		ug/L		103	73 - 127
trans-1,3-Dichloropropene	ND		125	116		ug/L		93	80 - 120
Trichloroethene	ND		125	127		ug/L		101	74 - 123
Trichlorofluoromethane	ND		125	129		ug/L		103	62 - 150
Vinyl chloride	ND		125	150		ug/L		120	65 - 133
Xylenes, Total	ND		250	252		ug/L		101	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*
Dibromofluoromethane (Surr)	*108*		*75 - 123*

Lab Sample ID: 480-109026-6 MSD
Matrix: Ground Water
Analysis Batch: 331674

Client Sample ID: BCC Area C PS-05A MSD_1116
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		125	133		ug/L		107	73 - 126	3	15
1,1,2,2-Tetrachloroethane	ND		125	128		ug/L		102	76 - 120	2	15
1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		125	121		ug/L		97	61 - 148	3	20
1,1,2-Trichloroethane	ND		125	133		ug/L		106	76 - 122	4	15
1,1-Dichloroethane	ND		125	128		ug/L		102	77 - 120	2	20
1,1-Dichloroethene	ND		125	138		ug/L		111	66 - 127	1	16
1,2,4-Trichlorobenzene	ND		125	122		ug/L		97	79 - 122	2	20
1,2-Dibromo-3-Chloropropane	ND		125	124		ug/L		99	56 - 134	3	15
1,2-Dibromoethane	ND		125	135		ug/L		108	77 - 120	4	15
1,2-Dichlorobenzene	ND		125	129		ug/L		103	80 - 124	1	20
1,2-Dichloroethane	ND		125	120		ug/L		96	75 - 120	0	20
1,2-Dichloropropane	ND		125	126		ug/L		101	76 - 120	2	20
1,3-Dichlorobenzene	ND		125	128		ug/L		102	77 - 120	3	20
1,4-Dichlorobenzene	ND		125	126		ug/L		101	78 - 124	2	20
2-Butanone (MEK)	ND		625	578		ug/L		92	57 - 140	2	20
2-Hexanone	ND		625	577		ug/L		92	65 - 127	1	15
4-Methyl-2-pentanone (MIBK)	ND		625	591		ug/L		95	71 - 125	0	35
Acetone	23	J	625	542		ug/L		83	56 - 142	2	15
Benzene	ND		125	128		ug/L		103	71 - 124	2	13
Bromodichloromethane	ND		125	122		ug/L		98	80 - 122	1	15
Bromoform	ND		125	117		ug/L		93	61 - 132	3	15
Bromomethane	ND		125	133		ug/L		106	55 - 144	7	15
Carbon disulfide	ND		125	111		ug/L		88	59 - 134	3	15
Carbon tetrachloride	ND		125	131		ug/L		105	72 - 134	1	15
Chlorobenzene	250		125	367		ug/L		93	80 - 120	3	25
Chloroethane	ND		125	150		ug/L		120	69 - 136	2	15
Chloroform	ND		125	127		ug/L		102	73 - 127	3	20

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-109026-6 MSD
Matrix: Ground Water
Analysis Batch: 331674

Client Sample ID: BCC Area C PS-05A MSD_1116
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloromethane	ND		125	141		ug/L		113	68 - 124	2	15
cis-1,2-Dichloroethene	ND		125	131		ug/L		105	74 - 124	1	15
cis-1,3-Dichloropropene	ND		125	118		ug/L		94	74 - 124	4	15
Cyclohexane	ND		125	128		ug/L		102	59 - 135	2	20
Dibromochloromethane	ND		125	126		ug/L		100	75 - 125	1	15
Dichlorodifluoromethane	ND		125	152		ug/L		122	59 - 135	1	20
Ethylbenzene	ND		125	129		ug/L		103	77 - 123	4	15
Isopropylbenzene	ND		125	125		ug/L		100	77 - 122	4	20
Methyl acetate	ND		625	565		ug/L		90	74 - 133	2	20
Methyl tert-butyl ether	ND		125	122		ug/L		98	77 - 120	0	37
Methylcyclohexane	ND		125	128		ug/L		102	68 - 134	5	20
Methylene Chloride	ND		125	119		ug/L		95	75 - 124	1	15
Styrene	ND		125	130		ug/L		104	80 - 120	1	20
Tetrachloroethene	ND		125	134		ug/L		107	74 - 122	4	20
Toluene	ND		125	129		ug/L		103	80 - 122	1	15
trans-1,2-Dichloroethene	ND		125	134		ug/L		107	73 - 127	4	20
trans-1,3-Dichloropropene	ND		125	120		ug/L		96	80 - 120	4	15
Trichloroethene	ND		125	129		ug/L		103	74 - 123	2	16
Trichlorofluoromethane	ND		125	135		ug/L		108	62 - 150	4	20
Vinyl chloride	ND		125	150		ug/L		120	65 - 133	0	15
Xylenes, Total	ND		250	256		ug/L		102	76 - 122	2	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*
Dibromofluoromethane (Surr)	*105*		*75 - 123*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-329831/1-A
Matrix: Water
Analysis Batch: 330389

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 329831

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/05/16 07:26	11/08/16 21:04	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/05/16 07:26	11/08/16 21:04	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/05/16 07:26	11/08/16 21:04	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/05/16 07:26	11/08/16 21:04	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/05/16 07:26	11/08/16 21:04	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/05/16 07:26	11/08/16 21:04	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/05/16 07:26	11/08/16 21:04	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/05/16 07:26	11/08/16 21:04	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/05/16 07:26	11/08/16 21:04	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/05/16 07:26	11/08/16 21:04	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/05/16 07:26	11/08/16 21:04	1
2-Nitroaniline	ND		10	0.42	ug/L		11/05/16 07:26	11/08/16 21:04	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/05/16 07:26	11/08/16 21:04	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-329831/1-A
Matrix: Water
Analysis Batch: 330389

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 329831

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/05/16 07:26	11/08/16 21:04	1
3-Nitroaniline	ND		10	0.48	ug/L		11/05/16 07:26	11/08/16 21:04	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/05/16 07:26	11/08/16 21:04	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/05/16 07:26	11/08/16 21:04	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/05/16 07:26	11/08/16 21:04	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/05/16 07:26	11/08/16 21:04	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/05/16 07:26	11/08/16 21:04	1
4-Methylphenol	ND		10	0.36	ug/L		11/05/16 07:26	11/08/16 21:04	1
4-Nitroaniline	ND		10	0.25	ug/L		11/05/16 07:26	11/08/16 21:04	1
4-Nitrophenol	ND		10	1.5	ug/L		11/05/16 07:26	11/08/16 21:04	1
Acenaphthene	ND		5.0	0.41	ug/L		11/05/16 07:26	11/08/16 21:04	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/05/16 07:26	11/08/16 21:04	1
Acetophenone	ND		5.0	0.54	ug/L		11/05/16 07:26	11/08/16 21:04	1
Aniline	ND		10	0.61	ug/L		11/05/16 07:26	11/08/16 21:04	1
Anthracene	ND		5.0	0.28	ug/L		11/05/16 07:26	11/08/16 21:04	1
Atrazine	ND		5.0	0.46	ug/L		11/05/16 07:26	11/08/16 21:04	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/05/16 07:26	11/08/16 21:04	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/05/16 07:26	11/08/16 21:04	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/05/16 07:26	11/08/16 21:04	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/05/16 07:26	11/08/16 21:04	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/05/16 07:26	11/08/16 21:04	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/05/16 07:26	11/08/16 21:04	1
Biphenyl	ND		5.0	0.65	ug/L		11/05/16 07:26	11/08/16 21:04	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/05/16 07:26	11/08/16 21:04	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/05/16 07:26	11/08/16 21:04	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/05/16 07:26	11/08/16 21:04	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/05/16 07:26	11/08/16 21:04	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/05/16 07:26	11/08/16 21:04	1
Caprolactam	ND		5.0	2.2	ug/L		11/05/16 07:26	11/08/16 21:04	1
Carbazole	ND		5.0	0.30	ug/L		11/05/16 07:26	11/08/16 21:04	1
Chrysene	ND		5.0	0.33	ug/L		11/05/16 07:26	11/08/16 21:04	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/05/16 07:26	11/08/16 21:04	1
Dibenzofuran	ND		10	0.51	ug/L		11/05/16 07:26	11/08/16 21:04	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/05/16 07:26	11/08/16 21:04	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/05/16 07:26	11/08/16 21:04	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/05/16 07:26	11/08/16 21:04	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/05/16 07:26	11/08/16 21:04	1
Fluoranthene	ND		5.0	0.40	ug/L		11/05/16 07:26	11/08/16 21:04	1
Fluorene	ND		5.0	0.36	ug/L		11/05/16 07:26	11/08/16 21:04	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/05/16 07:26	11/08/16 21:04	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/05/16 07:26	11/08/16 21:04	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/05/16 07:26	11/08/16 21:04	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/05/16 07:26	11/08/16 21:04	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/05/16 07:26	11/08/16 21:04	1
Isophorone	ND		5.0	0.43	ug/L		11/05/16 07:26	11/08/16 21:04	1
Naphthalene	ND		5.0	0.76	ug/L		11/05/16 07:26	11/08/16 21:04	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/05/16 07:26	11/08/16 21:04	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/05/16 07:26	11/08/16 21:04	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-329831/1-A
Matrix: Water
Analysis Batch: 330389

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 329831

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/05/16 07:26	11/08/16 21:04	1
Pentachlorophenol	ND		10	2.2	ug/L		11/05/16 07:26	11/08/16 21:04	1
Phenanthrene	ND		5.0	0.44	ug/L		11/05/16 07:26	11/08/16 21:04	1
Phenol	ND		5.0	0.39	ug/L		11/05/16 07:26	11/08/16 21:04	1
Pyrene	ND		5.0	0.34	ug/L		11/05/16 07:26	11/08/16 21:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*58*		*52 - 132*	*11/05/16 07:26*	*11/08/16 21:04*	*1*
2-Fluorobiphenyl	*73*		*48 - 120*	*11/05/16 07:26*	*11/08/16 21:04*	*1*
2-Fluorophenol	*55*		*20 - 120*	*11/05/16 07:26*	*11/08/16 21:04*	*1*
Nitrobenzene-d5	*62*		*46 - 120*	*11/05/16 07:26*	*11/08/16 21:04*	*1*
Phenol-d5	*40*		*16 - 120*	*11/05/16 07:26*	*11/08/16 21:04*	*1*
p-Terphenyl-d14	*83*		*67 - 150*	*11/05/16 07:26*	*11/08/16 21:04*	*1*

Lab Sample ID: LCS 480-329831/2-A
Matrix: Water
Analysis Batch: 330389

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 329831

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	16.0	16.2		ug/L		101	65 - 126
2,4,6-Trichlorophenol	16.0	15.4		ug/L		97	64 - 120
2,4-Dichlorophenol	16.0	15.0		ug/L		94	64 - 120
2,4-Dimethylphenol	16.0	13.2		ug/L		83	57 - 120
2,4-Dinitrophenol	32.0	31.0		ug/L		97	42 - 153
2,4-Dinitrotoluene	16.0	15.3		ug/L		96	65 - 154
2,6-Dinitrotoluene	16.0	15.7		ug/L		98	74 - 134
2-Chloronaphthalene	16.0	13.5		ug/L		84	41 - 124
2-Chlorophenol	16.0	12.4		ug/L		77	48 - 120
2-Methylnaphthalene	16.0	14.1		ug/L		88	34 - 122
2-Methylphenol	16.0	11.6		ug/L		72	39 - 120
2-Nitroaniline	16.0	12.8		ug/L		80	67 - 136
2-Nitrophenol	16.0	15.3		ug/L		95	59 - 120
3,3'-Dichlorobenzidine	32.0	33.1		ug/L		104	33 - 140
3-Nitroaniline	16.0	13.5		ug/L		84	28 - 130
4,6-Dinitro-2-methylphenol	32.0	32.2		ug/L		101	64 - 159
4-Bromophenyl phenyl ether	16.0	15.8		ug/L		99	71 - 126
4-Chloro-3-methylphenol	16.0	14.7		ug/L		92	64 - 120
4-Chloroaniline	16.0	10.5		ug/L		65	10 - 130
4-Chlorophenyl phenyl ether	16.0	15.2		ug/L		95	71 - 122
4-Methylphenol	16.0	11.4		ug/L		71	39 - 120
4-Nitroaniline	16.0	13.1		ug/L		82	47 - 130
4-Nitrophenol	32.0	24.8		ug/L		77	16 - 120
Acenaphthene	16.0	13.9		ug/L		87	60 - 120
Acenaphthylene	16.0	14.2		ug/L		89	63 - 120
Acetophenone	16.0	12.2		ug/L		76	45 - 120
Aniline	16.0	7.85	J	ug/L		49	37 - 120
Anthracene	16.0	15.1		ug/L		94	58 - 148
Atrazine	32.0	36.9		ug/L		115	56 - 179

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-329831/2-A
Matrix: Water
Analysis Batch: 330389

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 329831

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzaldehyde	32.0	16.3		ug/L		51	30 - 140
Benzo(a)anthracene	16.0	16.2		ug/L		101	55 - 151
Benzo(a)pyrene	16.0	14.9		ug/L		93	60 - 145
Benzo(b)fluoranthene	16.0	16.4		ug/L		102	54 - 140
Benzo(g,h,i)perylene	16.0	16.1		ug/L		101	66 - 152
Benzo(k)fluoranthene	16.0	15.0		ug/L		94	51 - 153
Biphenyl	16.0	13.8		ug/L		86	30 - 140
bis (2-chloroisopropyl) ether	16.0	14.4		ug/L		90	28 - 136
Bis(2-chloroethoxy)methane	16.0	12.0		ug/L		75	50 - 128
Bis(2-chloroethyl)ether	16.0	10.9		ug/L		68	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	17.0		ug/L		107	53 - 158
Butyl benzyl phthalate	16.0	16.2		ug/L		101	58 - 163
Caprolactam	32.0	12.9		ug/L		40	14 - 130
Carbazole	16.0	16.1		ug/L		100	59 - 148
Chrysene	16.0	16.0		ug/L		100	69 - 140
Dibenz(a,h)anthracene	16.0	15.6		ug/L		98	57 - 148
Dibenzofuran	16.0	14.9		ug/L		93	49 - 137
Diethyl phthalate	16.0	15.7		ug/L		98	59 - 146
Dimethyl phthalate	16.0	15.2		ug/L		95	59 - 141
Di-n-butyl phthalate	16.0	15.9		ug/L		100	58 - 149
Di-n-octyl phthalate	16.0	15.8		ug/L		98	55 - 167
Fluoranthene	16.0	17.0		ug/L		106	55 - 147
Fluorene	16.0	14.7		ug/L		92	55 - 143
Hexachlorobenzene	16.0	14.2		ug/L		89	14 - 130
Hexachlorobutadiene	16.0	12.6		ug/L		79	14 - 130
Hexachlorocyclopentadiene	16.0	11.6		ug/L		73	13 - 130
Hexachloroethane	16.0	10.6		ug/L		66	14 - 130
Indeno(1,2,3-cd)pyrene	16.0	13.6		ug/L		85	69 - 146
Isophorone	16.0	11.9		ug/L		74	48 - 133
Naphthalene	16.0	13.2		ug/L		82	35 - 130
Nitrobenzene	16.0	11.2		ug/L		70	45 - 123
N-Nitrosodi-n-propylamine	16.0	10.8		ug/L		68	56 - 120
N-Nitrosodiphenylamine	16.0	14.9		ug/L		93	25 - 125
Pentachlorophenol	32.0	25.6		ug/L		80	39 - 136
Phenanthrene	16.0	15.4		ug/L		96	57 - 147
Phenol	16.0	7.27		ug/L		45	17 - 120
Pyrene	16.0	16.5		ug/L		103	58 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*84*		*52 - 132*
2-Fluorobiphenyl	*86*		*48 - 120*
2-Fluorophenol	*62*		*20 - 120*
Nitrobenzene-d5	*72*		*46 - 120*
Phenol-d5	*48*		*16 - 120*
p-Terphenyl-d14	*103*		*67 - 150*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-109026-6 MS
Matrix: Ground Water
Analysis Batch: 330389

Client Sample ID: BCC Area C PS-05A MS_1116
Prep Type: Total/NA
Prep Batch: 329831

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		15.0	14.6		ug/L		97	65 - 126
2,4,6-Trichlorophenol	ND		15.0	12.7		ug/L		84	64 - 120
2,4-Dichlorophenol	ND		15.0	12.8		ug/L		85	64 - 120
2,4-Dimethylphenol	ND		15.0	11.2		ug/L		75	57 - 120
2,4-Dinitrophenol	ND		30.1	29.8		ug/L		99	42 - 153
2,4-Dinitrotoluene	ND		15.0	12.8		ug/L		85	62 - 148
2,6-Dinitrotoluene	ND		15.0	13.5		ug/L		90	65 - 154
2-Chloronaphthalene	ND		15.0	11.3		ug/L		75	41 - 124
2-Chlorophenol	0.63	J	15.0	11.1		ug/L		69	48 - 120
2-Methylnaphthalene	ND		15.0	12.0		ug/L		80	34 - 122
2-Methylphenol	ND		15.0	9.65		ug/L		64	39 - 120
2-Nitroaniline	ND		15.0	10.9		ug/L		72	67 - 136
2-Nitrophenol	ND		15.0	12.7		ug/L		84	59 - 120
3,3'-Dichlorobenzidine	ND		30.1	19.8		ug/L		66	33 - 140
3-Nitroaniline	ND	F1	15.0	9.41	F1	ug/L		63	69 - 129
4,6-Dinitro-2-methylphenol	ND		30.1	29.3		ug/L		98	64 - 159
4-Bromophenyl phenyl ether	ND		15.0	13.2		ug/L		88	71 - 126
4-Chloro-3-methylphenol	ND		15.0	12.4		ug/L		82	64 - 120
4-Chloroaniline	ND	F1	15.0	8.20	F1	ug/L		55	60 - 124
4-Chlorophenyl phenyl ether	ND		15.0	12.7		ug/L		85	48 - 145
4-Methylphenol	0.53	J	15.0	9.94		ug/L		63	36 - 120
4-Nitroaniline	ND		15.0	10.6		ug/L		71	64 - 135
4-Nitrophenol	ND		30.1	20.5		ug/L		68	16 - 120
Acenaphthene	ND		15.0	11.8		ug/L		78	60 - 120
Acenaphthylene	ND		15.0	11.8		ug/L		78	63 - 120
Acetophenone	ND		15.0	10.1		ug/L		67	45 - 120
Aniline	ND		15.0	6.80	J	ug/L		45	37 - 120
Anthracene	ND		15.0	12.7		ug/L		85	58 - 148
Atrazine	ND		30.1	30.7		ug/L		102	56 - 179
Benzaldehyde	ND		30.1	13.8		ug/L		46	30 - 140
Benzo(a)anthracene	ND		15.0	10.2		ug/L		68	55 - 151
Benzo(a)pyrene	ND	F1	15.0	7.55	F1	ug/L		50	60 - 145
Benzo(b)fluoranthene	ND		15.0	8.82		ug/L		59	54 - 140
Benzo(g,h,i)perylene	ND	F1	15.0	7.14	F1	ug/L		47	66 - 152
Benzo(k)fluoranthene	ND	F1	15.0	7.14	F1	ug/L		48	51 - 153
Biphenyl	ND		15.0	11.3		ug/L		75	30 - 140
bis (2-chloroisopropyl) ether	ND		15.0	12.1		ug/L		81	28 - 136
Bis(2-chloroethoxy)methane	ND		15.0	10.1		ug/L		67	50 - 128
Bis(2-chloroethyl)ether	ND		15.0	9.16		ug/L		61	51 - 120
Bis(2-ethylhexyl) phthalate	ND	F1	15.0	6.41	F1	ug/L		43	53 - 158
Butyl benzyl phthalate	ND		15.0	11.9		ug/L		79	58 - 163
Caprolactam	ND		30.1	10.4		ug/L		35	30 - 140
Carbazole	ND		15.0	13.3		ug/L		88	59 - 148
Chrysene	ND	F1	15.0	10.3	F1	ug/L		68	69 - 140
Dibenz(a,h)anthracene	ND	F1	15.0	6.38	F1	ug/L		42	57 - 158
Dibenzofuran	ND		15.0	12.5		ug/L		83	49 - 137
Diethyl phthalate	ND		15.0	12.9		ug/L		86	59 - 146
Dimethyl phthalate	ND		15.0	12.9		ug/L		86	59 - 141

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-109026-6 MS
Matrix: Ground Water
Analysis Batch: 330389

Client Sample ID: BCC Area C PS-05A MS_1116
Prep Type: Total/NA
Prep Batch: 329831

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-butyl phthalate	ND		15.0	12.7		ug/L		84	58 - 149
Di-n-octyl phthalate	ND	F1	15.0	5.83	F1	ug/L		39	55 - 167
Fluoranthene	ND		15.0	13.6		ug/L		90	55 - 147
Fluorene	ND		15.0	12.2		ug/L		81	55 - 143
Hexachlorobenzene	ND		15.0	11.8		ug/L		78	38 - 131
Hexachlorobutadiene	ND		15.0	10.9		ug/L		72	14 - 130
Hexachlorocyclopentadiene	ND		15.0	9.63		ug/L		64	13 - 130
Hexachloroethane	ND		15.0	9.31		ug/L		62	14 - 130
Indeno(1,2,3-cd)pyrene	ND	F1	15.0	6.84	F1	ug/L		45	69 - 146
Isophorone	ND		15.0	9.77		ug/L		65	48 - 133
Naphthalene	ND		15.0	12.0		ug/L		80	35 - 130
Nitrobenzene	ND		15.0	9.44		ug/L		63	45 - 123
N-Nitrosodi-n-propylamine	ND		15.0	8.83		ug/L		59	56 - 120
N-Nitrosodiphenylamine	ND		15.0	12.6		ug/L		84	25 - 125
Pentachlorophenol	ND		30.1	24.1		ug/L		80	39 - 136
Phenanthrene	ND		15.0	13.0		ug/L		86	57 - 147
Phenol	ND		15.0	6.11		ug/L		41	17 - 120
Pyrene	ND		15.0	13.1		ug/L		87	58 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*76*		*52 - 132*
2-Fluorobiphenyl	*77*		*48 - 120*
2-Fluorophenol	*55*		*20 - 120*
Nitrobenzene-d5	*64*		*46 - 120*
Phenol-d5	*41*		*16 - 120*
p-Terphenyl-d14	*59*	*X*	*67 - 150*

Lab Sample ID: 480-109026-6 MSD
Matrix: Ground Water
Analysis Batch: 330389

Client Sample ID: BCC Area C PS-05A MSD_1116
Prep Type: Total/NA
Prep Batch: 329831

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		14.9	15.6		ug/L		105	65 - 126	7	18
2,4,6-Trichlorophenol	ND		14.9	14.0		ug/L		94	64 - 120	10	19
2,4-Dichlorophenol	ND		14.9	13.1		ug/L		88	64 - 120	2	19
2,4-Dimethylphenol	ND		14.9	11.3		ug/L		76	57 - 120	0	42
2,4-Dinitrophenol	ND		29.7	33.4		ug/L		112	42 - 153	11	22
2,4-Dinitrotoluene	ND		14.9	14.4		ug/L		97	62 - 148	12	20
2,6-Dinitrotoluene	ND		14.9	15.2		ug/L		102	65 - 154	12	15
2-Chloronaphthalene	ND		14.9	11.8		ug/L		80	41 - 124	4	21
2-Chlorophenol	0.63	J	14.9	11.0		ug/L		70	48 - 120	1	25
2-Methylnaphthalene	ND		14.9	12.3		ug/L		83	34 - 122	3	21
2-Methylphenol	ND		14.9	9.86		ug/L		66	39 - 120	2	27
2-Nitroaniline	ND		14.9	11.5		ug/L		78	67 - 136	6	15
2-Nitrophenol	ND		14.9	13.0		ug/L		87	59 - 120	2	18
3,3'-Dichlorobenzidine	ND		29.7	23.5		ug/L		79	33 - 140	17	25
3-Nitroaniline	ND	F1	14.9	9.83	F1	ug/L		66	69 - 129	4	19
4,6-Dinitro-2-methylphenol	ND		29.7	32.6		ug/L		110	64 - 159	11	15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-109026-6 MSD — **Client Sample ID: BCC Area C PS-05A MSD_1116**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 330389 — **Prep Batch: 329831**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Bromophenyl phenyl ether	ND		14.9	14.2		ug/L		96	71 - 126	7	15
4-Chloro-3-methylphenol	ND		14.9	13.5		ug/L		91	64 - 120	9	27
4-Chloroaniline	ND	F1	14.9	8.67	F1	ug/L		58	60 - 124	6	22
4-Chlorophenyl phenyl ether	ND		14.9	13.9		ug/L		93	48 - 145	9	16
4-Methylphenol	0.53	J	14.9	10.2		ug/L		65	36 - 120	3	24
4-Nitroaniline	ND		14.9	11.1		ug/L		75	64 - 135	4	24
4-Nitrophenol	ND		29.7	21.9		ug/L		74	16 - 120	7	48
Acenaphthene	ND		14.9	12.5		ug/L		84	60 - 120	6	24
Acenaphthylene	ND		14.9	12.6		ug/L		85	63 - 120	7	18
Acetophenone	ND		14.9	10.3		ug/L		69	45 - 120	2	20
Aniline	ND		14.9	6.56	J	ug/L		44	37 - 120	4	30
Anthracene	ND		14.9	13.8		ug/L		93	58 - 148	8	15
Atrazine	ND		29.7	34.8		ug/L		117	56 - 179	13	20
Benzaldehyde	ND		29.7	13.7		ug/L		46	30 - 140	1	20
Benzo(a)anthracene	ND		14.9	11.6		ug/L		78	55 - 151	13	15
Benzo(a)pyrene	ND	F1	14.9	7.99	F1	ug/L		54	60 - 145	6	15
Benzo(b)fluoranthene	ND		14.9	9.37		ug/L		63	54 - 140	6	15
Benzo(g,h,i)perylene	ND	F1	14.9	7.44	F1	ug/L		50	66 - 152	4	15
Benzo(k)fluoranthene	ND	F1	14.9	7.61		ug/L		51	51 - 153	6	22
Biphenyl	ND		14.9	11.8		ug/L		80	30 - 140	4	20
bis (2-chloroisopropyl) ether	ND		14.9	12.1		ug/L		81	28 - 136	1	24
Bis(2-chloroethoxy)methane	ND		14.9	10.2		ug/L		69	50 - 128	1	17
Bis(2-chloroethyl)ether	ND		14.9	9.30		ug/L		63	51 - 120	2	21
Bis(2-ethylhexyl) phthalate	ND	F1	14.9	7.14	F1	ug/L		48	53 - 158	11	15
Butyl benzyl phthalate	ND		14.9	13.6		ug/L		92	58 - 163	13	16
Caprolactam	ND		29.7	11.2		ug/L		38	30 - 140	7	20
Carbazole	ND		14.9	15.4		ug/L		104	59 - 148	15	20
Chrysene	ND	F1	14.9	10.9		ug/L		73	69 - 140	5	15
Dibenz(a,h)anthracene	ND	F1	14.9	6.58	F1	ug/L		44	57 - 158	3	15
Dibenzofuran	ND		14.9	13.4		ug/L		90	49 - 137	7	15
Diethyl phthalate	ND		14.9	14.4		ug/L		97	59 - 146	11	15
Dimethyl phthalate	ND		14.9	14.2		ug/L		96	59 - 141	9	15
Di-n-butyl phthalate	ND		14.9	13.9		ug/L		93	58 - 149	9	15
Di-n-octyl phthalate	ND	F1	14.9	6.68	F1	ug/L		45	55 - 167	14	16
Fluoranthene	ND		14.9	15.1		ug/L		102	55 - 147	11	15
Fluorene	ND		14.9	13.7		ug/L		92	55 - 143	11	15
Hexachlorobenzene	ND		14.9	12.2		ug/L		82	38 - 131	4	15
Hexachlorobutadiene	ND		14.9	10.6		ug/L		71	14 - 130	2	44
Hexachlorocyclopentadiene	ND		14.9	9.77		ug/L		66	13 - 130	1	49
Hexachloroethane	ND		14.9	9.01		ug/L		61	14 - 130	3	46
Indeno(1,2,3-cd)pyrene	ND	F1	14.9	7.21	F1	ug/L		49	69 - 146	5	15
Isophorone	ND		14.9	10.1		ug/L		68	48 - 133	3	17
Naphthalene	ND		14.9	12.1		ug/L		82	35 - 130	1	29
Nitrobenzene	ND		14.9	9.80		ug/L		66	45 - 123	4	24
N-Nitrosodi-n-propylamine	ND		14.9	9.00		ug/L		61	56 - 120	2	31
N-Nitrosodiphenylamine	ND		14.9	14.0		ug/L		94	25 - 125	11	15
Pentachlorophenol	ND		29.7	26.5		ug/L		89	39 - 136	10	37
Phenanthrene	ND		14.9	14.3		ug/L		96	57 - 147	10	15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-109026-6 MSD
Matrix: Ground Water
Analysis Batch: 330389

Client Sample ID: BCC Area C PS-05A MSD_1116
Prep Type: Total/NA
Prep Batch: 329831

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenol	ND		14.9	6.04		ug/L		41	17 - 120	1	34
Pyrene	ND		14.9	14.8		ug/L		100	58 - 136	13	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*86*		*52 - 132*
2-Fluorobiphenyl	*81*		*48 - 120*
2-Fluorophenol	*54*		*20 - 120*
Nitrobenzene-d5	*66*		*46 - 120*
Phenol-d5	*41*		*16 - 120*
p-Terphenyl-d14	*64*	*X*	*67 - 150*

Lab Sample ID: MB 480-330672/1-A
Matrix: Water
Analysis Batch: 331069

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 330672

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/09/16 14:23	11/11/16 15:27	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/09/16 14:23	11/11/16 15:27	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/09/16 14:23	11/11/16 15:27	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/09/16 14:23	11/11/16 15:27	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/09/16 14:23	11/11/16 15:27	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/09/16 14:23	11/11/16 15:27	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/09/16 14:23	11/11/16 15:27	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/09/16 14:23	11/11/16 15:27	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/09/16 14:23	11/11/16 15:27	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/09/16 14:23	11/11/16 15:27	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/09/16 14:23	11/11/16 15:27	1
2-Nitroaniline	ND		10	0.42	ug/L		11/09/16 14:23	11/11/16 15:27	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/09/16 14:23	11/11/16 15:27	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/09/16 14:23	11/11/16 15:27	1
3-Nitroaniline	ND		10	0.48	ug/L		11/09/16 14:23	11/11/16 15:27	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/09/16 14:23	11/11/16 15:27	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/09/16 14:23	11/11/16 15:27	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/09/16 14:23	11/11/16 15:27	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/09/16 14:23	11/11/16 15:27	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/09/16 14:23	11/11/16 15:27	1
4-Methylphenol	ND		10	0.36	ug/L		11/09/16 14:23	11/11/16 15:27	1
4-Nitroaniline	ND		10	0.25	ug/L		11/09/16 14:23	11/11/16 15:27	1
4-Nitrophenol	ND		10	1.5	ug/L		11/09/16 14:23	11/11/16 15:27	1
Acenaphthene	ND		5.0	0.41	ug/L		11/09/16 14:23	11/11/16 15:27	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/09/16 14:23	11/11/16 15:27	1
Acetophenone	0.541	J	5.0	0.54	ug/L		11/09/16 14:23	11/11/16 15:27	1
Aniline	ND		10	0.61	ug/L		11/09/16 14:23	11/11/16 15:27	1
Anthracene	ND		5.0	0.28	ug/L		11/09/16 14:23	11/11/16 15:27	1
Atrazine	ND		5.0	0.46	ug/L		11/09/16 14:23	11/11/16 15:27	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/09/16 14:23	11/11/16 15:27	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/09/16 14:23	11/11/16 15:27	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/09/16 14:23	11/11/16 15:27	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-330672/1-A
Matrix: Water
Analysis Batch: 331069

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 330672

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/09/16 14:23	11/11/16 15:27	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/09/16 14:23	11/11/16 15:27	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/09/16 14:23	11/11/16 15:27	1
Biphenyl	ND		5.0	0.65	ug/L		11/09/16 14:23	11/11/16 15:27	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/09/16 14:23	11/11/16 15:27	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/09/16 14:23	11/11/16 15:27	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/09/16 14:23	11/11/16 15:27	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/09/16 14:23	11/11/16 15:27	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/09/16 14:23	11/11/16 15:27	1
Caprolactam	ND		5.0	2.2	ug/L		11/09/16 14:23	11/11/16 15:27	1
Carbazole	ND		5.0	0.30	ug/L		11/09/16 14:23	11/11/16 15:27	1
Chrysene	ND		5.0	0.33	ug/L		11/09/16 14:23	11/11/16 15:27	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/09/16 14:23	11/11/16 15:27	1
Dibenzofuran	ND		10	0.51	ug/L		11/09/16 14:23	11/11/16 15:27	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/09/16 14:23	11/11/16 15:27	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/09/16 14:23	11/11/16 15:27	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/09/16 14:23	11/11/16 15:27	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/09/16 14:23	11/11/16 15:27	1
Fluoranthene	ND		5.0	0.40	ug/L		11/09/16 14:23	11/11/16 15:27	1
Fluorene	ND		5.0	0.36	ug/L		11/09/16 14:23	11/11/16 15:27	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/09/16 14:23	11/11/16 15:27	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/09/16 14:23	11/11/16 15:27	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/09/16 14:23	11/11/16 15:27	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/09/16 14:23	11/11/16 15:27	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/09/16 14:23	11/11/16 15:27	1
Isophorone	ND		5.0	0.43	ug/L		11/09/16 14:23	11/11/16 15:27	1
Naphthalene	ND		5.0	0.76	ug/L		11/09/16 14:23	11/11/16 15:27	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/09/16 14:23	11/11/16 15:27	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/09/16 14:23	11/11/16 15:27	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/09/16 14:23	11/11/16 15:27	1
Pentachlorophenol	ND		10	2.2	ug/L		11/09/16 14:23	11/11/16 15:27	1
Phenanthrene	ND		5.0	0.44	ug/L		11/09/16 14:23	11/11/16 15:27	1
Phenol	ND		5.0	0.39	ug/L		11/09/16 14:23	11/11/16 15:27	1
Pyrene	ND		5.0	0.34	ug/L		11/09/16 14:23	11/11/16 15:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*75*		*52 - 132*	*11/09/16 14:23*	*11/11/16 15:27*	*1*
2-Fluorobiphenyl	*89*		*48 - 120*	*11/09/16 14:23*	*11/11/16 15:27*	*1*
2-Fluorophenol	*68*		*20 - 120*	*11/09/16 14:23*	*11/11/16 15:27*	*1*
Nitrobenzene-d5	*76*		*46 - 120*	*11/09/16 14:23*	*11/11/16 15:27*	*1*
Phenol-d5	*53*		*16 - 120*	*11/09/16 14:23*	*11/11/16 15:27*	*1*
p-Terphenyl-d14	*103*		*67 - 150*	*11/09/16 14:23*	*11/11/16 15:27*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-330672/2-A
Matrix: Water
Analysis Batch: 331069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 330672

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	16.0	16.1		ug/L		101	65 - 126
2,4,6-Trichlorophenol	16.0	15.0		ug/L		94	64 - 120
2,4-Dichlorophenol	16.0	14.7		ug/L		92	64 - 120
2,4-Dimethylphenol	16.0	12.1		ug/L		76	57 - 120
2,4-Dinitrophenol	32.0	25.0		ug/L		78	42 - 153
2,4-Dinitrotoluene	16.0	15.3		ug/L		96	65 - 154
2,6-Dinitrotoluene	16.0	16.1		ug/L		101	74 - 134
2-Chloronaphthalene	16.0	13.3		ug/L		83	41 - 124
2-Chlorophenol	16.0	11.8		ug/L		74	48 - 120
2-Methylnaphthalene	16.0	13.8		ug/L		86	34 - 122
2-Methylphenol	16.0	11.0		ug/L		69	39 - 120
2-Nitroaniline	16.0	12.4		ug/L		77	67 - 136
2-Nitrophenol	16.0	15.0		ug/L		94	59 - 120
3,3'-Dichlorobenzidine	32.0	30.5		ug/L		95	33 - 140
3-Nitroaniline	16.0	12.5		ug/L		78	28 - 130
4,6-Dinitro-2-methylphenol	32.0	29.5		ug/L		92	64 - 159
4-Bromophenyl phenyl ether	16.0	15.3		ug/L		96	71 - 126
4-Chloro-3-methylphenol	16.0	13.7		ug/L		86	64 - 120
4-Chloroaniline	16.0	10.3		ug/L		64	10 - 130
4-Chlorophenyl phenyl ether	16.0	15.1		ug/L		94	71 - 122
4-Methylphenol	16.0	10.4		ug/L		65	39 - 120
4-Nitroaniline	16.0	11.8		ug/L		74	47 - 130
4-Nitrophenol	32.0	23.9		ug/L		75	16 - 120
Acenaphthene	16.0	13.8		ug/L		86	60 - 120
Acenaphthylene	16.0	13.7		ug/L		86	63 - 120
Acetophenone	16.0	11.8		ug/L		74	45 - 120
Aniline	16.0	6.08	J	ug/L		38	37 - 120
Anthracene	16.0	14.1		ug/L		88	58 - 148
Atrazine	32.0	35.5		ug/L		111	56 - 179
Benzaldehyde	32.0	14.2		ug/L		44	30 - 140
Benzo(a)anthracene	16.0	14.6		ug/L		91	55 - 151
Benzo(a)pyrene	16.0	13.3		ug/L		83	60 - 145
Benzo(b)fluoranthene	16.0	14.8		ug/L		93	54 - 140
Benzo(g,h,i)perylene	16.0	15.1		ug/L		95	66 - 152
Benzo(k)fluoranthene	16.0	12.9		ug/L		81	51 - 153
Biphenyl	16.0	13.5		ug/L		84	30 - 140
bis (2-chloroisopropyl) ether	16.0	14.7		ug/L		92	28 - 136
Bis(2-chloroethoxy)methane	16.0	11.3		ug/L		71	50 - 128
Bis(2-chloroethyl)ether	16.0	10.4		ug/L		65	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	13.5		ug/L		84	53 - 158
Butyl benzyl phthalate	16.0	14.3		ug/L		89	58 - 163
Caprolactam	32.0	11.3		ug/L		35	14 - 130
Carbazole	16.0	14.5		ug/L		91	59 - 148
Chrysene	16.0	14.3		ug/L		90	69 - 140
Dibenz(a,h)anthracene	16.0	14.7		ug/L		92	57 - 148
Dibenzofuran	16.0	14.5		ug/L		90	49 - 137
Diethyl phthalate	16.0	14.8		ug/L		92	59 - 146
Dimethyl phthalate	16.0	14.8		ug/L		92	59 - 141

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-330672/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 331069 — **Prep Batch: 330672**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-butyl phthalate	16.0	14.7		ug/L		92	58 - 149
Di-n-octyl phthalate	16.0	13.7		ug/L		86	55 - 167
Fluoranthene	16.0	15.8		ug/L		99	55 - 147
Fluorene	16.0	14.4		ug/L		90	55 - 143
Hexachlorobenzene	16.0	13.9		ug/L		87	14 - 130
Hexachlorobutadiene	16.0	13.2		ug/L		82	14 - 130
Hexachlorocyclopentadiene	16.0	9.86		ug/L		62	13 - 130
Hexachloroethane	16.0	10.7		ug/L		67	14 - 130
Indeno(1,2,3-cd)pyrene	16.0	14.9		ug/L		93	69 - 146
Isophorone	16.0	11.2		ug/L		70	48 - 133
Naphthalene	16.0	12.8		ug/L		80	35 - 130
Nitrobenzene	16.0	10.7		ug/L		67	45 - 123
N-Nitrosodi-n-propylamine	16.0	9.96		ug/L		62	56 - 120
N-Nitrosodiphenylamine	16.0	13.7		ug/L		86	25 - 125
Pentachlorophenol	32.0	20.7		ug/L		65	39 - 136
Phenanthrene	16.0	14.3		ug/L		89	57 - 147
Phenol	16.0	6.44		ug/L		40	17 - 120
Pyrene	16.0	14.7		ug/L		92	58 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*86*		*52 - 132*
2-Fluorobiphenyl	*87*		*48 - 120*
2-Fluorophenol	*56*		*20 - 120*
Nitrobenzene-d5	*69*		*46 - 120*
Phenol-d5	*43*		*16 - 120*
p-Terphenyl-d14	*95*		*67 - 150*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-329711/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 330574 — **Prep Batch: 329711**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/04/16 12:40	11/08/16 09:05	1
Antimony	ND		0.020	0.0068	mg/L		11/04/16 12:40	11/08/16 09:05	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/16 12:40	11/08/16 09:05	1
Barium	ND		0.0020	0.00070	mg/L		11/04/16 12:40	11/08/16 09:05	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/16 12:40	11/08/16 09:05	1
Cadmium	ND		0.0020	0.00050	mg/L		11/04/16 12:40	11/08/16 09:05	1
Calcium	ND		0.50	0.10	mg/L		11/04/16 12:40	11/08/16 09:05	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/16 12:40	11/08/16 09:05	1
Cobalt	ND		0.0040	0.00063	mg/L		11/04/16 12:40	11/08/16 09:05	1
Copper	ND		0.010	0.0016	mg/L		11/04/16 12:40	11/08/16 09:05	1
Iron	ND		0.050	0.019	mg/L		11/04/16 12:40	11/08/16 09:05	1
Lead	ND		0.010	0.0030	mg/L		11/04/16 12:40	11/08/16 09:05	1
Magnesium	ND		0.20	0.043	mg/L		11/04/16 12:40	11/08/16 09:05	1
Manganese	ND		0.0030	0.00040	mg/L		11/04/16 12:40	11/08/16 09:05	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 480-329711/1-A
Matrix: Water
Analysis Batch: 330574

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 329711

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		0.010	0.0013	mg/L		11/04/16 12:40	11/08/16 09:05	1
Potassium	ND		0.50	0.10	mg/L		11/04/16 12:40	11/08/16 09:05	1
Selenium	ND		0.025	0.0087	mg/L		11/04/16 12:40	11/08/16 09:05	1
Silver	ND		0.0060	0.0017	mg/L		11/04/16 12:40	11/08/16 09:05	1
Sodium	ND		1.0	0.32	mg/L		11/04/16 12:40	11/08/16 09:05	1
Thallium	ND		0.020	0.010	mg/L		11/04/16 12:40	11/08/16 09:05	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/16 12:40	11/08/16 09:05	1
Zinc	ND		0.010	0.0015	mg/L		11/04/16 12:40	11/08/16 09:05	1

Lab Sample ID: LCS 480-329711/2-A
Matrix: Water
Analysis Batch: 330574

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 329711

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	10.09		mg/L		101	80 - 120
Antimony	0.200	0.211		mg/L		106	80 - 120
Arsenic	0.200	0.205		mg/L		103	80 - 120
Barium	0.200	0.203		mg/L		101	80 - 120
Beryllium	0.200	0.205		mg/L		103	80 - 120
Cadmium	0.200	0.205		mg/L		102	80 - 120
Calcium	10.0	9.81		mg/L		98	80 - 120
Chromium	0.200	0.204		mg/L		102	80 - 120
Cobalt	0.200	0.195		mg/L		97	80 - 120
Copper	0.200	0.204		mg/L		102	80 - 120
Iron	10.0	10.63		mg/L		106	80 - 120
Lead	0.200	0.205		mg/L		102	80 - 120
Magnesium	10.0	10.07		mg/L		101	80 - 120
Manganese	0.200	0.216		mg/L		108	80 - 120
Nickel	0.200	0.196		mg/L		98	80 - 120
Potassium	10.0	10.18		mg/L		102	80 - 120
Selenium	0.200	0.205		mg/L		102	80 - 120
Silver	0.0500	0.0490		mg/L		98	80 - 120
Sodium	10.0	10.21		mg/L		102	80 - 120
Thallium	0.200	0.202		mg/L		101	80 - 120
Vanadium	0.200	0.204		mg/L		102	80 - 120
Zinc	0.200	0.207		mg/L		104	80 - 120

Lab Sample ID: 480-109026-6 MS
Matrix: Ground Water
Analysis Batch: 330574

Client Sample ID: BCC Area C PS-05A MS_1116
Prep Type: Total/NA
Prep Batch: 329711

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	0.26		10.0	10.39		mg/L		101	75 - 125
Antimony	ND		0.200	0.220		mg/L		110	75 - 125
Arsenic	0.13		0.200	0.353		mg/L		112	75 - 125
Barium	0.043		0.200	0.237		mg/L		97	75 - 125
Beryllium	ND		0.200	0.203		mg/L		101	75 - 125
Cadmium	0.0021		0.200	0.214		mg/L		106	75 - 125
Calcium	412		10.0	421.1	4	mg/L		92	75 - 125

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-109026-6 MS
Matrix: Ground Water
Analysis Batch: 330574

Client Sample ID: BCC Area C PS-05A MS_1116
Prep Type: Total/NA
Prep Batch: 329711

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	ND		0.200	0.198		mg/L		99	75 - 125
Cobalt	0.0088		0.200	0.208		mg/L		100	75 - 125
Copper	0.015		0.200	0.223		mg/L		104	75 - 125
Iron	117		10.0	126.8	4	mg/L		97	75 - 125
Lead	0.0076	J	0.200	0.214		mg/L		103	75 - 125
Magnesium	53.8		10.0	63.67	4	mg/L		98	75 - 125
Manganese	2.0		0.200	2.19	4	mg/L		104	75 - 125
Nickel	0.019		0.200	0.217		mg/L		99	75 - 125
Potassium	15.3		10.0	25.69		mg/L		104	75 - 125
Selenium	ND		0.200	0.219		mg/L		109	75 - 125
Silver	ND		0.0500	0.0506		mg/L		101	75 - 125
Sodium	105		10.0	113.8	4	mg/L		86	75 - 125
Thallium	ND		0.200	0.192		mg/L		96	75 - 125
Vanadium	ND		0.200	0.205		mg/L		103	75 - 125
Zinc	0.44		0.200	0.640		mg/L		98	75 - 125

Lab Sample ID: 480-109026-6 MSD
Matrix: Ground Water
Analysis Batch: 330574

Client Sample ID: BCC Area C PS-05A MSD_1116
Prep Type: Total/NA
Prep Batch: 329711

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	0.26		10.0	10.62		mg/L		104	75 - 125	2	20
Antimony	ND		0.200	0.226		mg/L		113	75 - 125	3	20
Arsenic	0.13		0.200	0.357		mg/L		114	75 - 125	1	20
Barium	0.043		0.200	0.242		mg/L		100	75 - 125	2	20
Beryllium	ND		0.200	0.206		mg/L		103	75 - 125	2	20
Cadmium	0.0021		0.200	0.219		mg/L		108	75 - 125	2	20
Calcium	412		10.0	434.5	4	mg/L		226	75 - 125	3	20
Chromium	ND		0.200	0.203		mg/L		101	75 - 125	2	20
Cobalt	0.0088		0.200	0.213		mg/L		102	75 - 125	2	20
Copper	0.015		0.200	0.225		mg/L		105	75 - 125	1	20
Iron	117		10.0	126.2	4	mg/L		91	75 - 125	1	20
Lead	0.0076	J	0.200	0.217		mg/L		105	75 - 125	2	20
Magnesium	53.8		10.0	65.26	4	mg/L		114	75 - 125	2	20
Manganese	2.0		0.200	2.16	4	mg/L		92	75 - 125	1	20
Nickel	0.019		0.200	0.222		mg/L		101	75 - 125	2	20
Potassium	15.3		10.0	26.39		mg/L		111	75 - 125	3	20
Selenium	ND		0.200	0.226		mg/L		113	75 - 125	3	20
Silver	ND		0.0500	0.0525		mg/L		105	75 - 125	4	20
Sodium	105		10.0	116.5	4	mg/L		112	75 - 125	2	20
Thallium	ND		0.200	0.198		mg/L		99	75 - 125	3	20
Vanadium	ND		0.200	0.210		mg/L		105	75 - 125	2	20
Zinc	0.44		0.200	0.625		mg/L		91	75 - 125	2	20

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-329777/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 330166 — **Prep Batch: 329777**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/07/16 08:25	11/07/16 12:23	1

Lab Sample ID: LCS 480-329777/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 330166 — **Prep Batch: 329777**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.00667	0.00663		mg/L		99	80 - 120		

Lab Sample ID: 480-109026-6 MS — **Client Sample ID: BCC Area C PS-05A MS_1116**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 330166 — **Prep Batch: 329777**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	ND		0.00667	0.00755		mg/L		113	80 - 120		

Lab Sample ID: 480-109026-6 MSD — **Client Sample ID: BCC Area C PS-05A MSD_1116**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 330166 — **Prep Batch: 329777**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00753		mg/L		113	80 - 120	0	20

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

GC/MS VOA

Analysis Batch: 331551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109026-1	BCC Area C MW-C01_1116	Total/NA	Ground Water	8260C	
480-109026-2	BCC Area C RFI-31_1116	Total/NA	Ground Water	8260C	
480-109026-3	BCC Area C PS-04_1116	Total/NA	Ground Water	8260C	
480-109026-4	BCC Area C MW-C04_1116	Total/NA	Ground Water	8260C	
480-109026-5	BCC Area C RFI-20_1116	Total/NA	Ground Water	8260C	
480-109026-7	BCC Area C PS-06_1116	Total/NA	Ground Water	8260C	
480-109026-8	BCC Area C PS-05A D_1116	Total/NA	Ground Water	8260C	
480-109026-9	TRIP BLANK	Total/NA	Water	8260C	
MB 480-331551/8	Method Blank	Total/NA	Water	8260C	
LCS 480-331551/5	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-331551/6	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 331674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109026-6	BCC Area C PS-05A_1116	Total/NA	Ground Water	8260C	
480-109026-8 - DL	BCC Area C PS-05A D_1116	Total/NA	Ground Water	8260C	
MB 480-331674/6	Method Blank	Total/NA	Water	8260C	
LCS 480-331674/4	Lab Control Sample	Total/NA	Water	8260C	
480-109026-6 MS	BCC Area C PS-05A MS_1116	Total/NA	Ground Water	8260C	
480-109026-6 MSD	BCC Area C PS-05A MSD_1116	Total/NA	Ground Water	8260C	

GC/MS Semi VOA

Prep Batch: 329831

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109026-1	BCC Area C MW-C01_1116	Total/NA	Ground Water	3510C	
480-109026-3	BCC Area C PS-04_1116	Total/NA	Ground Water	3510C	
480-109026-4	BCC Area C MW-C04_1116	Total/NA	Ground Water	3510C	
480-109026-5	BCC Area C RFI-20_1116	Total/NA	Ground Water	3510C	
480-109026-6	BCC Area C PS-05A_1116	Total/NA	Ground Water	3510C	
480-109026-7	BCC Area C PS-06_1116	Total/NA	Ground Water	3510C	
480-109026-8	BCC Area C PS-05A D_1116	Total/NA	Ground Water	3510C	
MB 480-329831/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-329831/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-109026-6 MS	BCC Area C PS-05A MS_1116	Total/NA	Ground Water	3510C	
480-109026-6 MSD	BCC Area C PS-05A MSD_1116	Total/NA	Ground Water	3510C	

Analysis Batch: 330389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109026-1	BCC Area C MW-C01_1116	Total/NA	Ground Water	8270D	329831
480-109026-3	BCC Area C PS-04_1116	Total/NA	Ground Water	8270D	329831
480-109026-6	BCC Area C PS-05A_1116	Total/NA	Ground Water	8270D	329831
MB 480-329831/1-A	Method Blank	Total/NA	Water	8270D	329831
LCS 480-329831/2-A	Lab Control Sample	Total/NA	Water	8270D	329831
480-109026-6 MS	BCC Area C PS-05A MS_1116	Total/NA	Ground Water	8270D	329831
480-109026-6 MSD	BCC Area C PS-05A MSD_1116	Total/NA	Ground Water	8270D	329831

Analysis Batch: 330390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109026-4	BCC Area C MW-C04_1116	Total/NA	Ground Water	8270D	329831

GC/MS Semi VOA (Continued)

Analysis Batch: 330390 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109026-5	BCC Area C RFI-20_1116	Total/NA	Ground Water	8270D	329831
480-109026-7	BCC Area C PS-06_1116	Total/NA	Ground Water	8270D	329831
480-109026-8	BCC Area C PS-05A D_1116	Total/NA	Ground Water	8270D	329831

Prep Batch: 330672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109026-2	BCC Area C RFI-31_1116	Total/NA	Ground Water	3510C	
MB 480-330672/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-330672/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 331069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-330672/1-A	Method Blank	Total/NA	Water	8270D	330672
LCS 480-330672/2-A	Lab Control Sample	Total/NA	Water	8270D	330672

Analysis Batch: 331072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109026-2	BCC Area C RFI-31_1116	Total/NA	Ground Water	8270D	330672

Metals

Prep Batch: 329711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109026-1	BCC Area C MW-C01_1116	Total/NA	Ground Water	3005A	
480-109026-2	BCC Area C RFI-31_1116	Total/NA	Ground Water	3005A	
480-109026-3	BCC Area C PS-04_1116	Total/NA	Ground Water	3005A	
480-109026-4	BCC Area C MW-C04_1116	Total/NA	Ground Water	3005A	
480-109026-5	BCC Area C RFI-20_1116	Total/NA	Ground Water	3005A	
480-109026-6	BCC Area C PS-05A_1116	Total/NA	Ground Water	3005A	
480-109026-7	BCC Area C PS-06_1116	Total/NA	Ground Water	3005A	
480-109026-8	BCC Area C PS-05A D_1116	Total/NA	Ground Water	3005A	
MB 480-329711/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-329711/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-109026-6 MS	BCC Area C PS-05A MS_1116	Total/NA	Ground Water	3005A	
480-109026-6 MSD	BCC Area C PS-05A MSD_1116	Total/NA	Ground Water	3005A	

Prep Batch: 329777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109026-1	BCC Area C MW-C01_1116	Total/NA	Ground Water	7470A	
480-109026-2	BCC Area C RFI-31_1116	Total/NA	Ground Water	7470A	
480-109026-3	BCC Area C PS-04_1116	Total/NA	Ground Water	7470A	
480-109026-4	BCC Area C MW-C04_1116	Total/NA	Ground Water	7470A	
480-109026-5	BCC Area C RFI-20_1116	Total/NA	Ground Water	7470A	
480-109026-6	BCC Area C PS-05A_1116	Total/NA	Ground Water	7470A	
480-109026-7	BCC Area C PS-06_1116	Total/NA	Ground Water	7470A	
480-109026-8	BCC Area C PS-05A D_1116	Total/NA	Ground Water	7470A	
MB 480-329777/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-329777/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-109026-6 MS	BCC Area C PS-05A MS_1116	Total/NA	Ground Water	7470A	
480-109026-6 MSD	BCC Area C PS-05A MSD_1116	Total/NA	Ground Water	7470A	

Metals (Continued)

Analysis Batch: 330166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109026-1	BCC Area C MW-C01_1116	Total/NA	Ground Water	7470A	329777
480-109026-2	BCC Area C RFI-31_1116	Total/NA	Ground Water	7470A	329777
480-109026-3	BCC Area C PS-04_1116	Total/NA	Ground Water	7470A	329777
480-109026-4	BCC Area C MW-C04_1116	Total/NA	Ground Water	7470A	329777
480-109026-5	BCC Area C RFI-20_1116	Total/NA	Ground Water	7470A	329777
480-109026-6	BCC Area C PS-05A_1116	Total/NA	Ground Water	7470A	329777
480-109026-7	BCC Area C PS-06_1116	Total/NA	Ground Water	7470A	329777
480-109026-8	BCC Area C PS-05A D_1116	Total/NA	Ground Water	7470A	329777
MB 480-329777/1-A	Method Blank	Total/NA	Water	7470A	329777
LCS 480-329777/2-A	Lab Control Sample	Total/NA	Water	7470A	329777
480-109026-6 MS	BCC Area C PS-05A MS_1116	Total/NA	Ground Water	7470A	329777
480-109026-6 MSD	BCC Area C PS-05A MSD_1116	Total/NA	Ground Water	7470A	329777

Analysis Batch: 330574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109026-1	BCC Area C MW-C01_1116	Total/NA	Ground Water	6010C	329711
480-109026-2	BCC Area C RFI-31_1116	Total/NA	Ground Water	6010C	329711
480-109026-3	BCC Area C PS-04_1116	Total/NA	Ground Water	6010C	329711
480-109026-4	BCC Area C MW-C04_1116	Total/NA	Ground Water	6010C	329711
480-109026-5	BCC Area C RFI-20_1116	Total/NA	Ground Water	6010C	329711
480-109026-6	BCC Area C PS-05A_1116	Total/NA	Ground Water	6010C	329711
480-109026-7	BCC Area C PS-06_1116	Total/NA	Ground Water	6010C	329711
480-109026-8	BCC Area C PS-05A D_1116	Total/NA	Ground Water	6010C	329711
MB 480-329711/1-A	Method Blank	Total/NA	Water	6010C	329711
LCS 480-329711/2-A	Lab Control Sample	Total/NA	Water	6010C	329711
480-109026-6 MS	BCC Area C PS-05A MS_1116	Total/NA	Ground Water	6010C	329711
480-109026-6 MSD	BCC Area C PS-05A MSD_1116	Total/NA	Ground Water	6010C	329711

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C MW-C01_1116

Lab Sample ID: 480-109026-1
Date Collected: 11/03/16 15:40
Matrix: Ground Water
Date Received: 11/03/16 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	331551	11/15/16 00:01	GTG	TAL BUF
Total/NA	Prep	3510C			329831	11/05/16 07:26	SMP	TAL BUF
Total/NA	Analysis	8270D		1	330389	11/08/16 23:27	PJQ	TAL BUF
Total/NA	Prep	3005A			329711	11/04/16 12:40	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	330574	11/08/16 09:16	AMH	TAL BUF
Total/NA	Prep	7470A			329777	11/07/16 08:25	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	330166	11/07/16 12:47	RMZ	TAL BUF

Client Sample ID: BCC Area C RFI-31_1116

Lab Sample ID: 480-109026-2
Date Collected: 11/03/16 15:10
Matrix: Ground Water
Date Received: 11/03/16 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		25	331551	11/15/16 00:25	GTG	TAL BUF
Total/NA	Prep	3510C			330672	11/09/16 14:22	ARS	TAL BUF
Total/NA	Analysis	8270D		1	331072	11/12/16 05:09	PJQ	TAL BUF
Total/NA	Prep	3005A			329711	11/04/16 12:40	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	330574	11/08/16 09:19	AMH	TAL BUF
Total/NA	Prep	7470A			329777	11/07/16 08:25	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	330166	11/07/16 12:49	RMZ	TAL BUF

Client Sample ID: BCC Area C PS-04_1116

Lab Sample ID: 480-109026-3
Date Collected: 11/03/16 14:00
Matrix: Ground Water
Date Received: 11/03/16 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	331551	11/15/16 00:49	GTG	TAL BUF
Total/NA	Prep	3510C			329831	11/05/16 07:26	SMP	TAL BUF
Total/NA	Analysis	8270D		1	330389	11/09/16 00:25	PJQ	TAL BUF
Total/NA	Prep	3005A			329711	11/04/16 12:40	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	330574	11/08/16 09:23	AMH	TAL BUF
Total/NA	Prep	7470A			329777	11/07/16 08:25	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	330166	11/07/16 12:50	RMZ	TAL BUF

Client Sample ID: BCC Area C MW-C04_1116

Lab Sample ID: 480-109026-4
Date Collected: 11/03/16 14:35
Matrix: Ground Water
Date Received: 11/03/16 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	331551	11/15/16 01:13	GTG	TAL BUF
Total/NA	Prep	3510C			329831	11/05/16 07:26	SMP	TAL BUF
Total/NA	Analysis	8270D		1	330390	11/09/16 04:47	PJQ	TAL BUF

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C MW-C04_1116

Lab Sample ID: 480-109026-4
Date Collected: 11/03/16 14:35
Matrix: Ground Water
Date Received: 11/03/16 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			329711	11/04/16 12:40	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	330574	11/08/16 09:26	AMH	TAL BUF
Total/NA	Prep	7470A			329777	11/07/16 08:25	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	330166	11/07/16 12:52	RMZ	TAL BUF

Client Sample ID: BCC Area C RFI-20_1116

Lab Sample ID: 480-109026-5
Date Collected: 11/03/16 13:10
Matrix: Ground Water
Date Received: 11/03/16 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	331551	11/15/16 01:37	GTG	TAL BUF
Total/NA	Prep	3510C			329831	11/05/16 07:26	SMP	TAL BUF
Total/NA	Analysis	8270D		1	330390	11/09/16 05:15	PJQ	TAL BUF
Total/NA	Prep	3005A			329711	11/04/16 12:40	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	330574	11/08/16 09:40	AMH	TAL BUF
Total/NA	Prep	7470A			329777	11/07/16 08:25	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	330166	11/07/16 12:55	RMZ	TAL BUF

Client Sample ID: BCC Area C PS-05A_1116

Lab Sample ID: 480-109026-6
Date Collected: 11/03/16 11:35
Matrix: Ground Water
Date Received: 11/03/16 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	331674	11/15/16 17:06	SWO	TAL BUF
Total/NA	Prep	3510C			329831	11/05/16 07:26	SMP	TAL BUF
Total/NA	Analysis	8270D		1	330389	11/08/16 22:58	PJQ	TAL BUF
Total/NA	Prep	3005A			329711	11/04/16 12:40	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	330574	11/08/16 09:44	AMH	TAL BUF
Total/NA	Prep	7470A			329777	11/07/16 08:25	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	330166	11/07/16 12:57	RMZ	TAL BUF

Client Sample ID: BCC Area C PS-06_1116

Lab Sample ID: 480-109026-7
Date Collected: 11/03/16 10:30
Matrix: Ground Water
Date Received: 11/03/16 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	331551	11/15/16 02:01	GTG	TAL BUF
Total/NA	Prep	3510C			329831	11/05/16 07:26	SMP	TAL BUF
Total/NA	Analysis	8270D		1	330390	11/09/16 05:43	PJQ	TAL BUF
Total/NA	Prep	3005A			329711	11/04/16 12:40	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	330574	11/08/16 10:01	AMH	TAL BUF
Total/NA	Prep	7470A			329777	11/07/16 08:25	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	330166	11/07/16 13:02	RMZ	TAL BUF

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Client Sample ID: BCC Area C PS-05A D_1116

Lab Sample ID: 480-109026-8

Date Collected: 11/03/16 11:50

Matrix: Ground Water

Date Received: 11/03/16 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	5	331674	11/15/16 17:29	SWO	TAL BUF
Total/NA	Analysis	8260C		1	331551	11/15/16 02:24	GTG	TAL BUF
Total/NA	Prep	3510C			329831	11/05/16 07:26	SMP	TAL BUF
Total/NA	Analysis	8270D		1	330390	11/09/16 06:12	PJQ	TAL BUF
Total/NA	Prep	3005A			329711	11/04/16 12:40	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	330574	11/08/16 10:05	AMH	TAL BUF
Total/NA	Prep	7470A			329777	11/07/16 08:25	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	330166	11/07/16 13:08	RMZ	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-109026-9

Date Collected: 11/03/16 00:00

Matrix: Water

Date Received: 11/03/16 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	331551	11/15/16 02:48	GTG	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-17

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area C Wells

TestAmerica Job ID: 480-109026-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-109026-1	BCC Area C MW-C01_1116	Ground Water	11/03/16 15:40	11/03/16 17:00
480-109026-2	BCC Area C RFI-31_1116	Ground Water	11/03/16 15:10	11/03/16 17:00
480-109026-3	BCC Area C PS-04_1116	Ground Water	11/03/16 14:00	11/03/16 17:00
480-109026-4	BCC Area C MW-C04_1116	Ground Water	11/03/16 14:35	11/03/16 17:00
480-109026-5	BCC Area C RFI-20_1116	Ground Water	11/03/16 13:10	11/03/16 17:00
480-109026-6	BCC Area C PS-05A_1116	Ground Water	11/03/16 11:35	11/03/16 17:00
480-109026-7	BCC Area C PS-06_1116	Ground Water	11/03/16 10:30	11/03/16 17:00
480-109026-8	BCC Area C PS-05A D_1116	Ground Water	11/03/16 11:50	11/03/16 17:00
480-109026-9	TRIP BLANK	Water	11/03/16 00:00	11/03/16 17:00

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Schove, John	Site Contact: Tom Wagner	Date: 11-3-16	COC No: 48003159.07
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY, 14203	Calendar (C) or Work Days (W) W			
716-856-3333 Phone	TAT			SDG I
716-842-1630 FAX	[X] 2 weeks			
Project Name: Buffalo Color Area C Wells	[ ] 1 week			
Site: HoneyWell Buffalo Color - NYC915231 EIM SITE ID - 37745	[ ] 2 days			480-109026 COC
PO# [redacted] 59087	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	6010B, 7470A (TAL Metals)	8270C - (MOD) TLC SVOA - 4.2 list + analine	Sample Specific Notes:
BCC_Area C_MW-C01_1116	11/3-16	1540	G	W	6	N	3	1	2	
BCC_Area C_RFI-31_1116	11/3-16	1510	G	W	6	N	3	1	2	
BCC_Area C_PS-04_1116	11/3-16	1400	G	W	6	N	3	1	2	SHORT
BCC_Area C_MW-C04_1116	11/3-16	1435	G	W	6	N	3	1	2	
BCC_Area C_RFI-20_1116	11/3-16	1310	G	W	6	N	3	1	2	
BCC_Area C_PS-05A_1116	11/3-16	1135	G	W	6	N	3	1	2	
BCC_Area C_PS-06_1116	11/3-16	1030	G	W	6	N	3	1	2	
BCC_Area C_PS05A D_1116	11/3-16	1150	G	W	6	N	3	1	2	
BCC_Area C_PS05A MS_1116	11/3-16	1205	G	W	6	N	3	1	2	
BCC_Area C_PS-05A MSD_1116	11/3-16	1215	G	W	6	N	3	1	2	
Trip Blank	N/A	N/A	N/A	W	2		2			
Container Volume (ml)							40	250	1000	
							2-V	4-P	1-A	

Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other

Possible Hazard Identification
[ ] *Non-Hazard* [ ] *Flammable* [ ] *Skin Irritant* [ ] *Poison B* [X] *Unknown*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
[ ] *Return To Client* [X] *Disposal By Lab* [ ] *Archive For* _____ *Months*

Special Instructions/QC Requirements & Comments:

Temp 5.0 #1 ICE 412

Container Code: A=Amber G=Glass P=Poly/Plastic S=Summa T=Tedlar V=Vial

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	11/3/16 1700	[signature]	[signature]	11/3/16 1700

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-109026-1

Login Number: 109026

List Number: 1

Creator: Kolb, Chris M

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OSC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

ATTACHMENT F

GROUNDWATER SAMPLE LOGS

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_MW-C01_0316		
WELL ID	MW-C01	SAMPLE EVENT	AREA.C_1Q2016	SAMPLE DATE	3/30/2016
TIME	START 12:35 PM END 1:10 PM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	3.37 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	15.0 FT	MEASUREMENT POINT ELEVATION	585.043 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.0 below IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.169 GAL	TIME OF SAMPLE COLLECTION	1:00 PM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
12:42		4.65	160	9.02	2.240	7.22	3.15	9.5	20.0	
12:44	0.085	4.85	160	8.71	2.230	7.19	2.78	7.3	22.0	
12:45	0.042	4.97	160	8.52	2.170	7.18	2.69	6.1	23.0	
12:46	0.042	5.04	160	8.40	2.120	7.19	2.68	4.9	23.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.169

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_MW-C01_0516		
WELL ID	MW-C01	SAMPLE EVENT	AREA.C_2Q2016	SAMPLE DATE	5/25/2016
TIME	START 11:18 AM END 12:40 PM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	3.52 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	15.0 FT	MEASUREMENT POINT ELEVATION	585.043 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	0.75 below IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.287 GAL	TIME OF SAMPLE COLLECTION	11:40 AM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
11:26		5.04	155	13.71	2.340	7.20	1.16	6.40	77.0	
11:28	0.082	5.11	155	13.04	2.270	7.17	1.00	5.70	75.0	
11:30	0.082	5.14	155	12.76	2.210	7.14	0.90	6.50	73.0	
11:32	0.082	5.20	155	12.64	2.170	7.13	0.94	5.00	72.0	
11:33	0.041	5.23	155	12.44	2.150	7.12	1.00	4.0	72.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
DUPLICATE	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MS	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MSD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.287

COMMENTS

D, MS, MSD

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_MW-C01_0916		
WELL ID	MW-C01	SAMPLE EVENT	AREA.C_3Q2016	SAMPLE DATE	9/7/2016
TIME	START 12:12 PM END 12:45 PM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	3.59 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	15.0 FT	MEASUREMENT POINT ELEVATION	585.043 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	.75 below IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.254 GAL	TIME OF SAMPLE COLLECTION	12:40 PM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
12:23		4.90	160	20.71	6.240	6.94	0.00	47.90	39.0	
12:24	0.042	5.05	160	20.68	5.010	6.93	0.00	40.90	36.0	
12:26	0.085	5.12	160	20.73	3.770	6.91	0.00	35.60	35.0	
12:27	0.042	5.17	160	20.73	3.130	6.90	0.00	29.70	34.0	
12:29	0.085	5.22	160	20.79	2.830	6.89	0.00	23.70	34.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.254

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_MW-C01_1116		
WELL ID	MW-C01	SAMPLE EVENT	AREA.C_4Q2016	SAMPLE DATE	11/3/2016
TIME	START 3:20 PM END 3:55 PM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	4.42 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	15.0 FT	MEASUREMENT POINT ELEVATION	585.043 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	.75 below IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.169 GAL	TIME OF SAMPLE COLLECTION	3:40 PM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
15:25		4.38	160	14.61	3.840	7.07	0.00	13.20	-19.0	
15:26	0.042	4.41	160	14.56	3.270	7.04	0.00	11.60	-21.0	
15:28	0.085	4.46	160	14.54	2.900	7.02	0.55	11.00	-21.0	
15:29	0.042	4.49	160	14.53	2.630	7.01	0.95	9.00	-19.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.169

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_MW-C04_0316		
WELL ID	MW-C04	SAMPLE EVENT	AREA.C_1Q2016	SAMPLE DATE	3/30/2016
TIME	START 11:30 AM END 12:25 PM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.24 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	14.0 FT	MEASUREMENT POINT ELEVATION	587.78 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.78 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.218 GAL	TIME OF SAMPLE COLLECTION	12:10 PM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
12:02		5.98	165	10.25	1.520	6.81	0.00	79.3	-57.0	Clayish color particulates: Filtered sample
12:04	0.087	5.98	165	10.07	1.530	6.78	0.00	79.7	-58.0	
12:05	0.044	5.99	165	10.08	1.530	6.77	0.00	92.5	-59.0	
12:07	0.087	5.99	165	10.11	1.530	6.76	0.00	74.5	-60.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.218

COMMENTS

Clayish color particulates: Filtered sample

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_MW-C04_0516		
WELL ID	MW-C04	SAMPLE EVENT	AREA.C_2Q2016	SAMPLE DATE	5/25/2016
TIME	START 2:04 PM END 2:45 PM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.01 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	14.0 FT	MEASUREMENT POINT ELEVATION	587.78 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.25 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.174 GAL	TIME OF SAMPLE COLLECTION	2:35 PM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
14:13		6.08	165	14.11	1.480	6.81	0.00	16.80	-18.0	
14:15	0.087	6.08	165	13.45	1.510	6.80	0.00	15.90	-37.0	
14:16	0.044	6.07	165	13.30	1.500	6.79	0.00	16.70	-47.0	
14:17	0.044	6.08	165	13.26	1.490	6.78	0.00	16.40	-54.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.174

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_MW-C04_0916		
WELL ID	MW-C04	SAMPLE EVENT	AREA.C_3Q2016	SAMPLE DATE	9/7/2016
TIME	START 11:25 AM END 12:05 PM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.48 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	14.0 FT	MEASUREMENT POINT ELEVATION	587.78 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.78 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.218 GAL	TIME OF SAMPLE COLLECTION	11:45 AM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
11:38		6.59	165	20.88	1.540	6.63	0.00	12.60	-35.0	
11:40	0.087	6.58	165	20.78	1.530	6.62	0.00	8.70	-61.0	
11:41	0.044	6.59	165	20.73	1.510	6.63	0.00	9.00	-71.0	
11:43	0.087	6.59	165	20.80	1.500	6.62	0.00	8.70	-77.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.218

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_MW-C04_1116		
WELL ID	MW-C04	SAMPLE EVENT	AREA.C_4Q2016	SAMPLE DATE	11/3/2016
TIME	START 2:10 PM END 2:45 PM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.96 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	14.0 FT	MEASUREMENT POINT ELEVATION	587.78 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.34 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.174 GAL	TIME OF SAMPLE COLLECTION	2:35 PM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
14:22		5.58	165	14.89	1.500	6.60	6.35	17.90	4.0	
14:24	0.087	5.59	165	14.95	1.500	6.58	5.54	14.60	-16.0	
14:25	0.044	5.60	165	14.95	1.510	6.60	5.09	15.50	-31.0	
14:26	0.044	5.60	165	15.03	1.510	6.61	4.80	10.80	-40.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.174

COMMENTS

Clayish color particulates

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_PS-04A_0316		
WELL ID	PS-04A	SAMPLE EVENT	AREA.C_1Q2016	SAMPLE DATE	3/29/2016
TIME	START 2:10 PM END 2:45 PM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.40 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	7.0 FT	MEASUREMENT POINT ELEVATION	588.836 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	3.58 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	4.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.164 GAL	TIME OF SAMPLE COLLECTION	2:30 PM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
14:20		7.09	155	7.81	1.450	6.67	0.39	0.00	-23.0	
14:21	0.041	7.09	155	7.77	1.430	6.66	0.13	0.00	-23.0	
14:22	0.041	7.08	155	7.62	1.430	6.68	0.32	0.00	-22.0	
14:24	0.082	7.22	155	7.55	1.410	6.69	0.62	0.00	-21.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.164

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_PS-04A_0516		
WELL ID	PS-04A	SAMPLE EVENT	AREA.C_2Q2016	SAMPLE DATE	5/25/2016
TIME	START 12:50 PM END 1:25 PM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	7.48 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	7.0 FT	MEASUREMENT POINT ELEVATION	588.836 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	3.58 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	4.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.123 GAL	TIME OF SAMPLE COLLECTION	1:13 PM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
13:00		7.96	155	13.72	1.040	6.93	0.26	3.90	60.0	
13:01	0.041	8.00	155	13.43	1.060	6.84	0.00	4.10	72.0	
13:02	0.041	8.04	155	13.25	1.080	6.79	0.00	2.80	76.0	
13:03	0.041	8.11	155	13.16	1.100	6.76	0.00	2.30	77.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.123

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_PS-04A_1116		
WELL ID	PS-04A	SAMPLE EVENT	AREA.C_4Q2016	SAMPLE DATE	11/3/2016
TIME	START 1:35 PM END 2:10 PM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	7.82 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	7.0 FT	MEASUREMENT POINT ELEVATION	588.836 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	3.5 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	4.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	GAL	TIME OF SAMPLE COLLECTION	2:00 PM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
		7.82								Low water level

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	1 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED

COMMENTS

Short, low water; no readings

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_PS-05A_0316		
WELL ID	PS-05A	SAMPLE EVENT	AREA.C_1Q2016	SAMPLE DATE	3/30/2016
TIME	START 9:20 AM END 10:20 AM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	3.90 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	8.0 FT	MEASUREMENT POINT ELEVATION	588.7 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.174 GAL	TIME OF SAMPLE COLLECTION	10:10 AM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
9:53		4.95	165	7.25	1.820	6.95	0.00	28.9	-70.0	Cloudy, clayish color particulates
9:54	0.044	4.95	165	7.16	1.820	6.94	0.00	31.0	-74.0	
9:56	0.087	4.96	165	7.11	1.810	6.92	0.00	28.4	-79.0	
9:57	0.044	4.95	165	7.11	1.810	6.92	0.00	27.2	-82.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.174

COMMENTS

Clayish color particulates

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: Thomas O. Wagner

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_PS-05A_0516		
WELL ID	PS-05A	SAMPLE EVENT	AREA.C_2Q2016	SAMPLE DATE	5/25/2016
TIME	START 9:10 AM END 9:55 AM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.28 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	8.0 FT	MEASUREMENT POINT ELEVATION	588.7 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.78 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.169 GAL	TIME OF SAMPLE COLLECTION	9:35 AM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
9:21		6.42	160	13.12	2.180	6.77	0.00	47.60	-66.0	
9:23	0.085	6.44	160	12.93	2.000	6.81	0.00	36.10	-75.0	
9:24	0.042	6.47	160	12.95	1.840	6.83	0.00	31.30	-81.0	
9:25	0.042	6.47	160	12.91	1.750	6.84	0.00	23.70	-87.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.169

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_PS-05A_0916		
WELL ID	PS-05A	SAMPLE EVENT	AREA.C_3Q2016	SAMPLE DATE	9/7/2016
TIME	START 2:00 PM END 3:00 PM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	8.82 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	8.0 FT	MEASUREMENT POINT ELEVATION	588.7 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.75 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.164 GAL	TIME OF SAMPLE COLLECTION	3:00 PM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
8:57		9.90	155	19.27	3.400	6.59	0.00	1000.00	-103.0	
9:01	0.164	10.20	155	19.76	3.370	6.61	0.00	1000.00	-111.0	Went dry

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	2 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	1 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.164

COMMENTS

Went dry, short sample

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_PS-05A_1116		
WELL ID	PS-05A	SAMPLE EVENT	AREA.C_4Q2016	SAMPLE DATE	11/3/2016
TIME	START 10:50 AM END 12:40 PM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.62 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	8.0 FT	MEASUREMENT POINT ELEVATION	588.7 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.78 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.218 GAL	TIME OF SAMPLE COLLECTION	11:35 AM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
11:23		4.86	165	14.54	2.720	6.26	0.00	67.40	-68.0	
11:24	0.044	4.88	165	14.57	2.700	6.24	0.00	64.40	-66.0	
11:26	0.087	4.89	165	14.55	2.680	6.24	0.00	65.70	-66.0	
11:28	0.087	4.89	165	14.56	2.650	6.23	0.00	60.10	-66.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
DUPLICATE	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MS	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MSD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.218

COMMENTS

D, MS, MSD (cloudy)

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: Thomas O. Wagner

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_PS-06_0316		
WELL ID	PS-06	SAMPLE EVENT	AREA.C_1Q2016	SAMPLE DATE	3/29/2016
TIME	START 12:45 PM END 2:00 PM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	4.84 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	8.0 FT	MEASUREMENT POINT ELEVATION	587.434 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	1.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	3.25 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.205 GAL	TIME OF SAMPLE COLLECTION	1:10 PM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
12:55		4.88	155	9.06	1.730	6.48	1.12	11.30	-21.0	D, MS, MSD
12:57	0.082	4.86	155	9.55	1.720	6.43	0.00	9.00	-37.0	
12:58	0.041	4.98	155	8.86	1.740	6.41	0.00	4.30	-45.0	
12:59	0.041	4.99	155	8.89	1.750	6.39	0.00	3.30	-48.0	
13:00	0.041	5.00	155	8.88	1.750	6.39	0.00	3.60	-53.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
DUPLICATE	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MS	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MSD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.205

COMMENTS

D, MS, MSD

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_PS-06_0516		
WELL ID	PS-06	SAMPLE EVENT	AREA.C_2Q2016	SAMPLE DATE	5/25/2016
TIME	START 8:20 AM END 9:00 AM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.06 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	8.0 FT	MEASUREMENT POINT ELEVATION	587.434 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	1.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	3.18 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.164 GAL	TIME OF SAMPLE COLLECTION	8:45 AM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
8:30		6.28	155	15.55	1.830	6.31	0.00	1.60	-39.0	
8:31	0.041	6.28	155	15.75	1.820	6.33	0.00	0.00	-48.0	
8:33	0.082	6.29	155	14.60	1.870	6.34	0.00	0.00	-53.0	
8:34	0.041	6.29	155	14.99	1.850	6.35	0.00	0.00	-57.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.164

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_PS-06_0916		
WELL ID	PS-06	SAMPLE EVENT	AREA.C_3Q2016	SAMPLE DATE	9/7/2016
TIME	START 7:40 AM END 8:26 AM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	7.03 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	8.0 FT	MEASUREMENT POINT ELEVATION	587.434 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	1.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	3.18 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.205 GAL	TIME OF SAMPLE COLLECTION	8:20 AM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
8:05		7.81	155	18.70	2.360	6.27	0.00	22.20	-42.0	
8:06	0.041	7.78	155	19.29	2.360	6.23	0.00	62.70	-68.0	
8:07	0.041	7.73	155	19.04	2.390	6.21	0.00	14.90	-76.0	
8:09	0.082	7.73	155	18.08	2.430	6.20	0.00	7.80	-81.0	
8:10	0.041	7.78	155	18.61	2.460	6.18	0.00	4.40	-84.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.205

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_PS-06_1116		
WELL ID	PS-06	SAMPLE EVENT	AREA.C_4Q2016	SAMPLE DATE	11/3/2016
TIME	START 10:06 AM END 10:43 AM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.13 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	8.0 FT	MEASUREMENT POINT ELEVATION	587.434 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	1.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	3.25 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.205 GAL	TIME OF SAMPLE COLLECTION	10:30 AM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
10:15		5.02	155	15.42	2.170	6.38	1.20	7.00	4.0	
10:17	0.082	5.02	155	15.34	2.170	6.33	0.56	5.40	-24.0	
10:18	0.041	5.02	155	15.32	2.170	6.31	0.20	4.50	-37.0	
10:20	0.082	5.02	155	15.31	2.170	6.31	0.00	4.00	-46.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.205

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_RFI-20A_0316		
WELL ID	RFI-20A	SAMPLE EVENT	AREA.C_1Q2016	SAMPLE DATE	3/30/2016
TIME	START 8:10 AM END 9:10 AM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.65 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	12.3 FT	MEASUREMENT POINT ELEVATION	588.477 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	0.026315789 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	6.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.169 GAL	TIME OF SAMPLE COLLECTION	8:50 AM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
8:37		9.98	160	8.16	1.330	6.95	0.00	63.7	9.0	Clayish color particulates
8:38	0.042	9.94	160	8.12	1.360	6.92	0.00	62.4	-15.0	
8:39	0.042	9.93	160	8.13	1.380	6.91	0.00	55.9	-30.0	
8:40	0.042	9.94	160	8.08	1.380	6.91	0.00	50.9	-40.0	
8:41	0.042	9.94	160	8.08	1.390	6.90	0.00	49.9	46.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.169

COMMENTS

Clayish color particulates

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_RFI-20A_0516		
WELL ID	RFI-20A	SAMPLE EVENT	AREA.C_2Q2016	SAMPLE DATE	5/25/2016
TIME	START 10:25 AM END 11:05 AM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.79 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	12.3 FT	MEASUREMENT POINT ELEVATION	588.477 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.25 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	6.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.211 GAL	TIME OF SAMPLE COLLECTION	10:50 AM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
10:34		7.04	160	12.93	1.180	6.89	0.02	4.80	-11.0	
10:36	0.085	7.22	160	12.84	1.190	6.87	0.00	3.80	-22.0	
10:38	0.085	7.34	160	12.84	1.190	6.87	0.00	3.50	-30.0	
10:39	0.042	7.48	160	12.86	1.190	6.87	0.00	4.00	-35.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.211

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_RFI-20A_0916		
WELL ID	RFI-20A	SAMPLE EVENT	AREA.C_3Q2016	SAMPLE DATE	9/7/2016
TIME	START 9:12 AM END 10:40 AM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	8.63 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	12.3 FT	MEASUREMENT POINT ELEVATION	588.477 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.25 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	6.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.211 GAL	TIME OF SAMPLE COLLECTION	9:40 AM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
9:23		9.53	160	20.83	0.970	6.78	0.00	2.80	-79.0	
9:24	0.042	9.62	160	20.80	0.964	6.78	0.00	2.10	-95.0	
9:26	0.085	9.69	160	20.79	0.966	6.78	0.00	2.10	-105.0	
9:28	0.085	9.78	160	20.83	0.966	6.78	0.00	1.40	-110.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
DUPLICATE	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MS	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MSD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.211

COMMENTS

D, MS, MSD

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_RFI-20A_1116		
WELL ID	RFI-20A	SAMPLE EVENT	AREA.C_4Q2016	SAMPLE DATE	11/3/2016
TIME	START 12:45 PM END 1:25 PM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.40 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	12.3 FT	MEASUREMENT POINT ELEVATION	588.477 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.38 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	6.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.254 GAL	TIME OF SAMPLE COLLECTION	1:10 PM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
12:53		5.29	160	15.32	1.040	6.68	0.24	5.00	-35.0	
12:55	0.085	5.48	160	15.26	0.949	6.70	0.40	6.70	-46.0	
12:57	0.085	5.66	160	15.39	0.864	6.75	0.92	9.80	-52.0	
12:58	0.042	5.76	160	15.37	0.836	6.77	1.09	10.60	-55.0	
12:59	0.042	5.84	160	15.40	0.813	6.80	1.19	9.40	-57.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.254

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_RFI-31A_0316		
WELL ID	RFI-31A	SAMPLE EVENT	AREA.C_1Q2016	SAMPLE DATE	3/30/2016
TIME	START 10:45 AM END 11:30 AM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	4.88 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	14.0 FT	MEASUREMENT POINT ELEVATION	585.984 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	5.0 below IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.218 GAL	TIME OF SAMPLE COLLECTION	11:10 AM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
10:56		6.74	165	9.26	11.900	6.75	0.12	54.1	48.0	Clayish color particulates
10:57	0.044	6.79	165	9.25	11.900	6.74	0.00	38.7	40.0	
10:59	0.087	7.08	165	9.28	11.900	6.73	0.00	49.7	33.0	
11:01	0.087	7.44	165	9.40	11.900	6.72	0.00	53.9	28.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.218

COMMENTS

Clayish color particulates

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_RFI-31A_0516		
WELL ID	RFI-31A	SAMPLE EVENT	AREA.C_2Q2016	SAMPLE DATE	5/25/2016
TIME	START 1:30 PM END 2:00 PM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	4.75 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	14.0 FT	MEASUREMENT POINT ELEVATION	585.984 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	4.75 below IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.211 GAL	TIME OF SAMPLE COLLECTION	1:05 PM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
13:41		6.42	160	16.18	11.200	6.76	0.00	16.90	44.0	
13:43	0.085	6.72	160	15.53	11.400	6.76	0.00	20.70	21.0	
13:44	0.042	6.93	160	15.26	11.500	6.76	0.00	20.30	8.0	
13:46	0.085	7.11	160	14.96	11.600	6.76	0.00	21.30	-3.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.211

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_RFI-31A_0916		
WELL ID	RFI-31A	SAMPLE EVENT	AREA.C_3Q2016	SAMPLE DATE	9/7/2016
TIME	START 12:55 PM END 1:35 PM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.20 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	14.0 FT	MEASUREMENT POINT ELEVATION	585.984 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	4.25 below IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.211 GAL	TIME OF SAMPLE COLLECTION	1:20 PM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
13:08		6.50	160	21.54	13.000	6.62	0.00	2.10	-7.0	
13:10	0.085	6.76	160	20.90	13.200	6.61	0.00	1.70	-33.0	
13:12	0.085	6.98	160	20.81	13.200	6.62	0.00	1.50	-46.0	
13:13	0.042	7.23	160	20.85	13.200	6.62	0.00	2.50	-54.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.211

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.C_RFI-31A_1116		
WELL ID	RFI-31A	SAMPLE EVENT	AREA.C_4Q2016	SAMPLE DATE	11/3/2016
TIME	START 2:50 PM END 3:15 PM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	4.97 FT	MEASUREMENT POINT	X TOP OF WELL RISER TOP OF PROTECTIVE CASING OTHER	NAPL REMOVAL METHOD	BAILER PERISTALTIC PUMP ABSORBENT SOCK
WELL DEPTH	14.0 FT	MEASUREMENT POINT ELEVATION	585.984 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	4.78 below IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES X NO		
TOTAL VOL. PURGED	0.123 GAL	TIME OF SAMPLE COLLECTION	3:10 PM		

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
14:56		6.43	155	15.59	12.200	6.66	0.08	6.40	53.0	
14:57	0.041	6.68	155	15.59	12.200	6.64	0.14	17.00	28.0	
14:59	0.082	6.90	155	15.58	12.200	6.64	0.01	11.80	9.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
WAILER	X SILICONE	X YSI 556 MPS W/ FLOW CELL	X GEOTECH INTERFACE METER
SIMCO BLADDER	X HIGH DENSITY POLYETHYLENE	HORIBA U-50 W/ FLOW CELL	SOLINST WATER METER
X GEOPUMP PERISTALTIC PUMP	OTHER	OTHER	OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES X NO

NUMBER OF GALLONS GENERATED 0.123

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____