



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
Buffalo Color Corporation – Area E Site No. C915232
OSC 0913-OMM**

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 E 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 15.8 acre Site is located at 85 Lee Street in the City of Buffalo, County of Erie, New York. It is one of five areas which 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 soil and groundwater on the southwestern portion of Area E were found to contain concentrations of volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) that exceeded applicable NY soil and groundwater standards. Petroleum (weathered No. 2 fuel oil) in the form of a light non-aqueous phase liquid (LNAPL) was identified on the southeastern side of Area E in shallow soil and shallow groundwater.

The primary remedial objectives at the Area E 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 rehabilitation of the existing 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 September 14, 2011 (referred to hereafter as the SMP):

- Quarterly shallow groundwater sampling;
- Annual groundwater sampling from wells located adjacent to the former LNAPL excavation area;
- Quarterly LNAPL interface measurements from wells located adjacent to the former LNAPL excavation area;
- Quarterly storm sewer sampling at manhole DMH-E31, which is located on Area E and is the manhole immediately prior to the Buffalo River outfall; 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 constituents of concern (COCs) remain at the Site as shown by the data from monitoring well RFI-32; however, the concentrations have decreased significantly since the ORC-A application as part of the remedial efforts in 2011 and 2014, VOC concentrations have decreased by an order of magnitude (24,000 ppb to 2,400 ppb).
- Groundwater flow direction is preventing off Site migration as remaining contamination continues to attenuate. Groundwater flow in the vicinity of the well exhibiting elevated VOC concentrations, RFI-32, is inward to the Area E Site. A figure is included within **Attachment C** which indicates the groundwater flow direction.
- Storm water sampling results indicated presence of VOCs above the laboratory reporting limits and/or New York Groundwater effluent limitations for discharges to Class GA waters. The storm sewer outflow was reviewed during both dry and wet times of the year. Water consistently is discharged implicating there is infiltration from groundwater. Additional, repair alternatives are being considered for the subsequent reporting period. An evaluation of the storm sewer conveyance system will continue to be visually inspected for potential groundwater intrusion throughout the subsequent reporting period.

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

D. Recommendations: No changes to the 2011 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 85 Lee Street in the City of Buffalo, County of Erie, New York. The Site is an approximate 15.8 acre area bounded by Elk Street to the north, industrial property operated by PVS Chemicals to the south, Lee Street to the east, and Orlando Street to the west. All

former buildings and ancillary structures that were located on Area E in connection with the operation of the former Buffalo Color Corporation plant have been demolished, and the Site is currently vacant. The Site is part of the former Buffalo Color Corporation facility, which also included Areas A, B, and C located to the west and southwest (**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 E, 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 E 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 13,600 CY (in-place volume) of VOC-contaminated soils from three locations on the western/southwestern side of Area E to accomplish mass removal of the source material;
- The addition of a bioremediation enhancement agent (Regenesys ORC-A) to the excavation backfill to promote the bioremediation of residual soil and groundwater contamination at the excavated areas;
- Excavation and off-Site disposal of soil containing petroleum LNAPL from the southeastern portion of Area E to accomplish mass removal of petroleum LNAPL;
- 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 rehabilitation of the existing storm sewer system, including replacement of sections with new piping and sealing of existing pipe via installation of cured-in-place piping (CIPP) and sealing of manholes with a chemical-resistant grout to prevent groundwater infiltration;

- 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 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 Institutional and Engineering Controls, operation, maintenance and monitoring, and reporting.

The above described remedial activities were completed at the Site in 2010 and 2011 and are documented in the Area E Final Engineering Report (Mactec, 2011).

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 and isoconcentration and groundwater elevation figures are provided in **Attachment C**.

As detailed in Section I.B. above, groundwater VOC concentrations have significantly declined since the remedy implementation and monitoring data indicates that groundwater flow from wells with elevated VOC concentrations is inward toward the Area E Site, i.e., off-Site migration of VOCs via groundwater is not occurring.

LNAPL interface checks indicated that no wells presented a measurable separate phase layer during 2016 monitoring.

AREA E QUARTERLY LNAPL INTERFACE METER MEASUREMENTS

Monitoring Wells	2013				2014				2015				2016			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
ICM-PZ-02S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ICM-PZ-03S	-	-	-	-	-	-	-	-	0.11	-	-	-	-	-	-	-
MW-E08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-E09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-E10	-	-	-	-	-	-	-	-	0.01	-	-	-	-	-	-	-
RFI-PZ-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(ft) = Unit of Measure; (-) = Non Detect

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 and cover system inspections. Site-wide and cover system inspection sheets for the reporting period are provided in **Attachment B**. The only issue noted during the inspections was that the storm sewer joint repairs conducted via polyurethane foam injections appear to be leaking. The storm sewer outflow was reviewed during both dry and wet times of the year. Water consistently is discharged implicating there is still infiltration from groundwater. Additional, repair alternatives are being considered for the subsequent 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;

- Annual Low-Flow groundwater sampling from wells located adjacent to former LNAPL excavation area;
- Quarterly LNAPL interface measurements from wells located adjacent to former LNAPL excavation area;
- Quarterly storm sewer sampling at manhole DMH-E31, which is located on Area E and is the manhole immediately prior to the Buffalo River outfall; 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 E 2016 MONITORING EVENT COMPLIANCE SUMMARY		QUARTER			
Monitoring Type	Frequency	1st	2nd	3rd	4th
Low-Flow Shallow Groundwater LNAPL Well Sampling	Annual		X		
Low-Flow Shallow Groundwater Well Sampling	Quarterly	X	X	X	X
LNAPL Wells Interface Measurements	Quarterly	X	X	X	X
DMH-E31 Storm Sewer Sampling	Quarterly	X	X	X	X
Site-Wide & Cover System Inspections	Quarterly	X	X	X	X

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

AREA E 2016 GROUNDWATER SAMPLING SUMMARY				QUARTER			
Sample Point	Frequency	Sample Point Type	Monitoring Parameters	1st	2nd	3rd	4th
MW-E08	Annual	Monitoring Well (LNAPL)	TCL VOCs, TCL SVOCs, TAL metals		X		
MW-E09	Annual	Monitoring Well (LNAPL)	TCL VOCs, TCL SVOCs, TAL metals		X		
MW-E10	Annual	Monitoring Well (LNAPL)	TCL VOCs, TCL SVOCs, TAL metals		X		
ICM-PZ-02S	Annual	Monitoring Well (LNAPL)	TCL VOCs, TCL SVOCs, TAL metals		X		
ICM-PZ-03S	Annual	Monitoring Well (LNAPL)	TCL VOCs, TCL SVOCs, TAL metals		X		
RFI-PZ-17	Annual	Monitoring Well (LNAPL)	TCL VOCs, TCL SVOCs, TAL metals		X		
DMH-E31	Quarterly	Manhole	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
R-10	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
R-11	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
RFI-17	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
RFI-29	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
RFI-32/RFI-32A	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
RFI-33	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
RFI-51	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
RFI-PZ-16	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
MW-E03	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
MW-E04	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
MW-E05	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
MW-E06	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
MW-E07	Quarterly	Monitoring Well	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 noted.
- 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 maintaining control of COCs. Rehabilitation of the Site storm sewer system has reduced COC concentrations from groundwater infiltration into the system.
- C. Future PRR Submittals: It is currently expected that the next PRR will be submitted on or about November 2018.

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

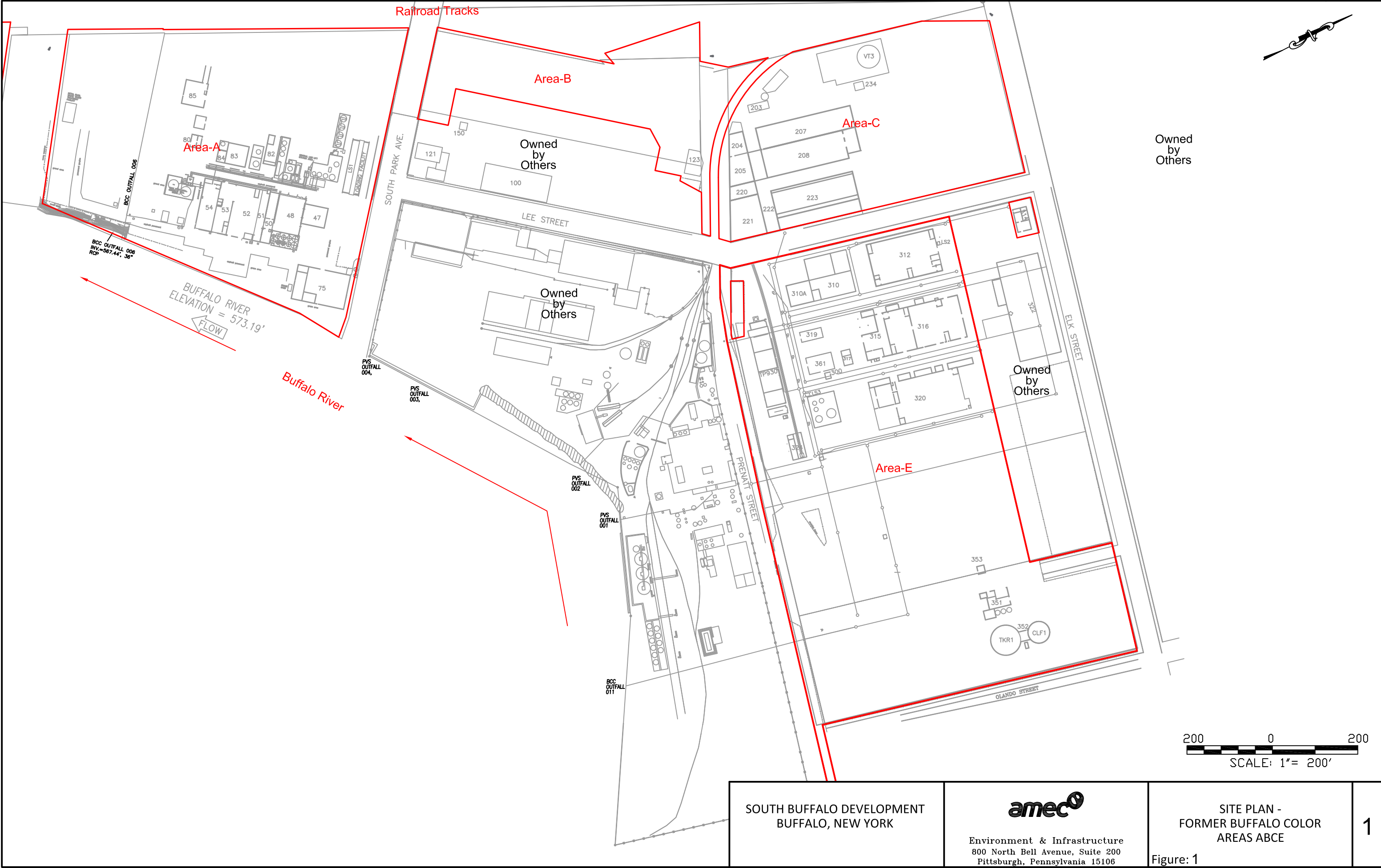
FIGURE 1

FORMER BUFFALO COLOR CORPORATION SITE PLAN

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

DRAWN BY: NEL 4-26-2010

APPROVED BY: ESW 5-17-2010



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 No.	C915232	Site Details	Box 1
Site Name Buffalo Color Corporation Area E Site			
Site Address: 100 Lee Street (f/k/a 85 Lee Street) et. al. Zip Code: 14210			
City/Town: Buffalo			
County: Erie			
Site Acreage: 15.8			
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. C915232		Box 3	
Description of Institutional Controls			

<u>Parcel</u>	<u>Owner</u>	<u>Institutional Control</u>
122.12-1-12.1	Jon Williams	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.		
122.12-1-30	Jon Williams	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.		
122.12-1-31	Jon Williams	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.		
122.12-1-9.11	Jon Williams	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.

122.12-1-9.13

Jon Williams

Landuse Restriction
Building Use Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

Ground Water Use Restriction
Soil Management 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

<u>Parcel</u>	<u>Engineering Control</u>
122.12-1-12.1	Cover System
122.12-1-30	Cover System
122.12-1-31	Cover System
122.12-1-9.11	Cover System
122.12-1-9.13	Cover System

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 complete.

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

IC CERTIFICATIONS
SITE NO. C915232

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 at 333 Ganson Street, Buffalo, NY 14203
print name 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

11/3/17
Date

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.

John P. Black at 431 Canisles Dr., Harrison, VA
print name print business address

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

John P. Black
Signature of Professional Engineer, for the Owner or
Remedial Party, Rendering Certification



11/2/2017
Date

ATTACHMENT B
SITE INSPECTIONS

Area E Cover System & Site-Wide Compliance Inspection											
Area E Additional Notes	Site-Wide Compliance (OK / Comment)						Cover System (OK / Comment)				
	Area E Institutional Site Use Restrictions	Area E O&M Schedule	Area E Active Site Permits	Area E Site Records	Area E Groundwater Monitoring Program	Area E Storm Drainage System & Structures	Area E Occupied Basement Slabs	Area E Outdoor Paved Areas	Area E Gravel Cover Integrity	Area E Grass / Vegetation	Area E Soil Cover Integrity
	OK	OK	None	OK	OK	Storm sewer joint visually inspected and found to still be leaking	None	OK	OK	OK	OK
	OK	OK	None	OK	OK	Storm sewer joint visually inspected and found to still be leaking	None	OK	OK	OK	OK
	OK	OK	None	OK	OK	Storm sewer joint visually inspected and found to still be leaking	None	OK	OK	OK	OK
	OK	OK	None	OK	OK	Storm sewer joint visually inspected and found to still be leaking	None	OK	OK	OK	OK
	OK	OK	None	OK	OK	Storm sewer joint visually inspected and found to still be leaking	None	OK	OK	OK	OK
	OK	OK	None	OK	OK	Storm sewer joint visually inspected and found to still be leaking	None	OK	OK	OK	OK
	OK	OK	None	OK	OK	Storm sewer joint visually inspected and found to still be leaking	None	OK	OK	OK	OK
	OK	OK	None	OK	OK	Storm sewer joint visually inspected and found to still be leaking	None	OK	OK	OK	OK
Pre-Inspection Data											
Area E Additional Notes	Weather					Site Conditions					
	Temperature Range (+/- 10 Deg F Range)	Wind (Calm / Moderate / Strong)	Lightning (Yes / No)	Precipitation (None / Rain / Snow / Hail)	Cloud Cover (Clear / Pt. Cloudy / Overcast)	Standing Snow & Ice (LOW: 1" or less / MID: 1" to 12" / HI: 12" or more)	Ground Surface (Dry / Damp / Wet)				
	52	Calm	No	None	Pt. Cloudy	None	Wet				
	78	Calm	No	None	No	None	Dry				
	72	Calm	No	None	Clear	None	Dry				
	52	Calm	No	None	Cloudy	None	Damp				
	Date	Associate(s)	NYSDEC Invitation Extended (Yes / No / 1st Attendees)								
	Wed 3/30/2016	Tom Wagner(TW)	No								
Tue 6/21/2016	Tom Wagner	Yes									
Mon 9/26/2016	Tom Wagner	No									
Tue 11/29/2016	Tom Wagner	Yes									

ATTACHMENT C

GROUNDWATER DATA TABLES AND FIGURES

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	-	-
R-10		Not Sampled						
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<5	<5	<5	<5	<5	0	0
	6/28/2012	<5	<5	<5	<5	<5	0	0.67
	9/13/2012	<5	<5	<5	<5	<5	0	0
	11/29/2012	<5	<5	<5	<5	<5	0	0
	3/24/2013	<5	<5	<5	<5	<5	0	0
	6/4/2013	<1	<1	<1	<1	<1	0.53	0
	9/9/2013	<1	<1	<1	<1	<1	0.54	0
	11/25/2013	<1	<1	<1	<1	<1	1	0
	3/24/2014	<1	<1	<1	<1	<1	0.37	0
	6/24/2014	<1	<1	<1	<1	<1	3.8	8.93
	9/8/2014	<1	<1	<1	<1	<1	4.27	0
	11/10/2014	<1	<1	<1	<1	<1	1.3	3.6
	4/1/2015	<1	<1	<1	<1	<1	4.02	0.3
	6/22/2015	<1	<1	<1	<1	<1	4.65	0
	9/9/2015	<1	<1	<1	<1	<1	15.5	32.2
	11/3/2015	<1	<1	<1	<1	<1	0.99	0
	3/15/2016	<1	<1	<1	<1	<1	0.83	0
	5/31/2016	<1	<1	<1	<1	<1	0	3.38
	9/12/2016	<1	<1	<1	<1	<1	7.88	0
	11/8/2016	<1	<1	<1	<1	<1	0.98	0
R-11	11/18/2009	<5	<5	<5	<5	<5	20	0.41
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<5	<5	<5	<5	<5	0	0
	6/28/2012	<5	<5	<5	<5	<5	20	NA
	9/13/2012	<5	<5	<5	<5	<5	0	0
	11/29/2012	<5	<5	<5	<5	<5	0	0
	3/23/2013	<5	<5	<5	<5	<5	0	0
	6/4/2013	<1	<1	<1	<1	<1	10	1.7
	9/6/2013	<1	<1	<1	<1	<1	10	4.8
	11/25/2013	<1	<1	<1	<1	<1	0	0
	3/24/2014	<1	<1	<1	<1	<1	4.8	0
	6/23/2014	<1	<1	<1	<1	<1	3.7	3.29
	9/9/2014	<1	<1	<1	<1	<1	4.3	0
	11/10/2014	<1	<1	<1	<1	<1	8.6	3.9
	4/1/2015	<1	<1	<1	<1	<1	16.7	0.32
	6/22/2015	<4	<4	<4	<4	<4	17.9	0
	9/9/2015	<1	<1	<1	<1	<1	13.85	0.32
	11/3/2015	<1	<1	<1	<1	<1	6.5	0
	3/15/2016	<1	<1	<1	<1	<1	4.1	0
	5/31/2016	<1	<1	<1	<1	<1	0	0.29
	9/12/2016	<1	<1	<1	<1	<1	3.4	0
	11/7/2016	<1	<1	<1	<1	<1	3.8	0
RFI-17	11/17/2009	1.1	<1	<1	<1	1.3	2.4	0
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	1.1	30	31.1	0
	6/28/2012	<1	<1	<1	<1	<1	0	0
	9/13/2012	<1	<1	<1	<1	<1	0	0
	11/30/2012	<1	<1	<1	<1	<1	0	0
	3/24/2013	<1	<1	<1	<1	<1	0	0
	6/4/2013	<1	<1	<1	<1	<1	0	0
	9/6/2013	<1	<1	<1	<1	<1	0	0
	11/25/2013	<1	<1	<1	<1	<1	0	0
	3/24/2014	<1	<1	<1	<1	<1	0	0.75
	6/24/2014	<1	<1	<1	<1	1.2	1.2	0.23
	9/8/2014	<1	<1	<1	<1	<1	0	39
	11/11/2014	<1	<1	<1	<1	<1	0	3.68
	4/1/2015	<1	<1	<1	<1	<1	0	0
	6/22/2015	<1	<1	<1	<1	<1	0	0

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	-	-
	9/9/2015	<1	<1	<1	<1	<1	0	0
	11/3/2015	<1	<1	<1	<1	<1	0	0
	3/16/2016	<1	<1	<1	<1	<1	0	0.69
	5/31/2016	<1	<1	<1	<1	<1	0	0.34
	9/12/2016	<1	<1	<1	<1	<1	0	0
	11/7/2016	<1	<1	<1	<1	<1	0	3.3
RFI-29	11/17/2009	3	1.1	5.2	<1	14	23.3	0.42
	10/10 - 1/11	ORC-A Application						
	3/30/2012	1.8	<1	2.9	<1	7.7	12.4	0
	6/28/2012	3	1.1	5.8	<1	17	26.9	0.6
	9/12/2012	3	0.98 J	5.2	<1	16	25.18	0
	11/28/2012	1.6	<1	2.4	<1	7.5	11.5	0.91
	3/24/2013	1.8	<1	3.2	<1	7.2	12.2	0
	6/4/2013	2.1	<1	3.5	<1	11	16.6	0
	9/9/2013	2.2	<1	3.6	<1	12	17.8	0.6
	11/25/2013	1.9	<1	3.4	<1	13	18.3	0
	3/25/2014	1.8	<1	3.8	<1	9.3	14.9	0
	6/24/2014	2.3	<1	4.4	<1	14	20.7	0
	9/9/2014	3	1	5.4	<1	15	24.4	0
	11/11/2014	1.9	<1	2.8	<1	9.8	14.5	2.86
	4/1/2015	1.4	<1	2.5	<1	5.9	9.8	0
	6/22/2015	2	<1	3.6	<1	11	16.6	0
	9/9/2015	2.6	0.79 J	5	<1	<14	8.39	0
	11/3/2015	2	<1	3.3	<1	12	17.3	0
	3/16/2016	1.8	<1	2.8	<1	7.3	11.9	0
	5/31/2016	1.7	<1	3.2	<1	9	13.9	0
	9/12/2016	3.1	1.1	5.3	<1	18	27.5	0.58
	11/7/2016	2.1	<1	3.5	<1	15	20.6	0
RFI-32A	11/20/2009	<100	<100	49 J	420	28000	28469	37.95
	10/10 - 1/11	ORC-A Application						
	3/30/2012	20	3.7	48	700	30000	30776.12	0
	6/28/2012	<500	<500	<500	430 J	28000	28430	15.2
	9/12/2012	<500	<500	<500	370 J	27000	27370	5.15
	11/29/2012	<200	<200	<200	260	16000	16260	15
	3/23/2013	<200	<200	<200	480	29000	29480	10.82
	6/4/2013	<500	<500	<500	480	27000	27480	14
	9/6/2013	<500	<500	<500	450	32000	32450	13.3
	11/26/2013	<250	<250	<250	280	18000	18280	12.5
	3/25/2014	<250	<250	<250	500	30000	30500	20.92
	6/18/2014	ORC Application						
	6/23/2014	<500	<500	<500	330 J	24000	24740	15.11
	9/9/2014	<40	<40	<40	<40	2400	2400	23
	11/10/2014	<20	<20	<20	<20	1200	1200	39.3
	4/1/2015	<20	<20	<20	0.44 J	910 J	917.94	5.89
	6/22/2015	<20	<20	<20	<20	2800	2800	18
	9/9/2015	<50	<50	<50	<50	2500	2500	27
	11/3/2015	<50	<50	<50	<50	2300	2300	22.38
	3/15/2016	<20	<20	<20	0.92 J	470	475.62	38.8
	5/31/2016	<20	<20	<20	<20	1700 J	1700	10.41
	9/12/2016	<20	<20	<20	<20	3500	3500	21
	11/7/2016	<40	<40	<40	<40	3700	3700	6.7
	11/18/2009	<1	<1	<1	<1	<1	0	0.53
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	<1	9.4	9.4	0
	6/28/2012	<1	<1	<1	<1	<1	0	0
	9/12/2012	<1	<1	<1	<1	<1	0	0
	11/30/2012	<1	<1	<1	<1	<1	0	0.35
	3/26/2013	<1	<1	<1	<1	<1	0	0
	6/5/2013	<1	<1	<1	<1	<1	0	2.1
	9/9/2013	<1	<1	<1	<1	<1	0	0
	11/26/2013	<1	<1	<1	<1	<1	0	0

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	-	-
RFI-33	3/24/2014	<1	<1	<1	<1	<1	0	8.5
	6/24/2014	<1	<1	<1	<1	<1	0	0.23
	9/8/2014	<1	<1	<1	<1	<1	0	0
	11/11/2014	<1	<1	<1	<1	<1	0	3.7
	4/1/2015	<1	<1	<1	<1	<1	0	0.92
	6/22/2015	<1	<1	<1	<1	<1	0	1.7
	9/9/2015	<1	<1	<1	<1	<1	0	0
	11/3/2015	<1	<1	<1	<1	<1	0	0
	3/16/2016	<1	<1	<1	<1	<1	0	0
	5/31/2016	<1	<1	<1	<1	<1	0	0.37
	9/12/2016	<1	<1	<1	<1	<1	0	0
	11/8/2016	<1	<1	<1	<1	<1	0	0

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	-	-
RFI-51	11/19/2009	0.56	<1	<1	<1	1.7	2.26	0
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	<1	<1	0	0
	6/28/2012	<1	<1	<1	<1	<1	0	0
	9/12/2012	<1	<1	<1	<1	<1	0	0.93
	11/28/2012	<1	<1	<1	<1	<1	0	0
	3/25/2013	<1	<1	<1	<1	<1	0	0
	6/3/2013	<1	<1	<1	<1	<1	0	0
	9/10/2013	<1	<1	<1	<1	<1	0	0
	11/27/2013	<1	<1	<1	<1	<1	0	0
	3/24/2014	<1	<1	<1	<1	<1	0	0
	6/25/2014	<1	<1	<1	<1	<1	0	0
	9/10/2014	<1	<1	<1	<1	<1	0	0
	11/11/2014	<1	<1	<1	<1	<1	0	2.8
	4/1/2015	<1	<1	<1	<1	<1	0	0.33
	6/23/2015	<1	<1	<1	<1	<1	0	0
	9/9/2015	<1	<1	<1	<1	<1	0	0
	11/4/2015	<1	<1	<1	<1	<1	0	0
	3/17/2016	<1	<1	<1	<1	<1	0	0
	5/31/2016	<1	<1	<1	<1	<1	0	0
	9/13/2016	<1	<1	<1	<1	<1	0	0
	11/8/2016	<1	<1	<1	<1	<1	0	0
RFI-PZ-16		Not Sampled						
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	<1	<1	0	0
	6/28/2012	<1	<1	<1	<1	<1	0	0
	9/12/2012	<1	<1	<1	<1	<1	0	0
	11/28/2012	<1	<1	<1	<1	<1	0	0
	3/26/2013	<1	<1	<1	<1	<1	0	0
	6/5/2013	<1	<1	<1	<1	<1	0	0
	9/10/2013	<1	<1	<1	<1	<1	0	0
	11/27/2013	<1	<1	<1	<1	<1	0	0
	3/25/2014	<1	<1	<1	<1	<1	0	0
	6/24/2014	<1	<1	<1	<1	<1	3.6	0
	9/10/2014	<1	<1	<1	<1	<1	0	0
	11/11/2014	<1	<1	<1	<1	<1	0	2.9
	4/1/2015	<1	<1	<1	<1	<1	0	0
	6/23/2015	<1	<1	<1	<1	<1	0	0
	9/9/2015	<1	<1	<1	<1	<1	3.2	0
	11/4/2015	<1	<1	<1	<1	<1	0	0
	3/16/2016	<1	<1	<1	<1	<1	0	1.53
	5/31/2016	<1	<1	<1	<1	<1	3.7	0
	9/13/2016	Well dry. No sample was collected						
	11/8/2016	<1	<1	<1	<1	<1	0	0
MW-E03	11/20/2009	<1	<1	<1	<1	1.4	1.4	0.44
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	1.7	40	41.7	0
	6/28/2012	<1	<1	<1	<1	<1	0	0
	9/12/2012	<1	<1	<1	<1	<1	0	0
	11/29/2012	<1	<1	<1	<1	<1	0	0.37
	3/23/2013	<1	<1	<1	<1	<1	0	0
	6/4/2013	<1	<1	<1	<1	<1	0	0
	9/6/2013	<1	<1	<1	<1	<1	0	0
	11/25/2013	<1	<1	<1	<1	<1	0	0
	3/25/2014	<1	<1	<1	<1	<1	0	0
	6/23/2014	<1	<1	<1	<1	<1	3.3	0.61
	9/9/2014	<1	<1	<1	<1	<1	0	0
	11/10/2014	<1	<1	<1	<1	<1	0	4.4
	4/1/2015	<1	<1	<1	<1	<1	3.9	0.28
	6/22/2015	<1	<1	<1	<1	<1	3.2	0
	9/9/2015	<1	<1	<1	<1	<1	3.2	0.83

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	-	-
MW-E04A	11/3/2015	<1	<1	<1	<1	<1	0	0
	3/15/2016	<1	<1	<1	<1	<1	0	0.85
	5/31/2016	<1	<1	<1	<1	<1	3	0
	9/12/2016	<1	<1	<1	<1	<1	0	0
	11/7/2016	<1	<1	<1	<1	<1	0	0
	11/20/2009	0.55	<1	<1	<1	0.8	1.83	440*
	10/10 - 1/11	ORC-A Application						
	3/30/2012	No Sample Collected - Well Destroyed						
	6/28/2012	<4	<4	<4	<4	<4	15.6	124*
	9/12/2012	<4	<4	<4	<4	<4	0	3.48
	11/29/2012	<1	<1	<1	<1	<1	0	28.41
	3/24/2013	2.8	<1	<1	<1	1.4	7.5	5200
	6/4/2013	2	<1	<1	<1	1.1	4.07	3513
	9/9/2013	2.3	<1	<1	<1	1.9	5.71	2420
	11/25/2013	1.4	<1	<1	<1	1.6	3.73	5806
	3/24/2014	1.9	<1	<1	<1	1.2	4.94	4100
	6/24/2014	5.8	<1	1.2	<1	3.4	15.2	13100
	9/8/2014	2.1	<1	<1	<1	0.94	4.46	562.8
	11/10/2014	<1	<1	<1	<1	<1	0	4.26
	4/1/2015	1.7	<1	<1	<1	1.1	8.77	4700
	6/22/2015	1.6	<1	<1	<1	<1	2.23	570
	9/9/2015	2.5	<1	<1	<1	<1.4	4.34	2250
	11/3/2015	<1	<1	<1	<1	<1	0	201.9
	3/16/2016	1.1	<1	<1	<1	<1	1.84	9230
	5/31/2016	2.1	<1	<1	<1	1.1	5.3	810
	9/12/2016	2.1	<1	<1	<1	1	9.41	1138
	11/7/2016	<1	<1	<1	<1	<1	0	11.5
MW-E05		Not Sampled						
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	0.56 J	110	110.56	0
	6/28/2012	<1	<1	<1	<1	51	51	0
	9/11/2012	<1	<1	<1	<1	9.8	9.8	0
	11/28/2012	<1	<1	<1	<1	3.9	3.9	0
	3/25/2013	<1	<1	<1	<1	9.3	9.3	0
	6/3/2013	<1	<1	<1	<1	6.3	6.3	0
	9/9/2013	<1	<1	<1	<1	18	18	0
	11/26/2013	<1	<1	<1	<1	2.7	2.7	0
	3/25/2014	<1	<1	<1	<1	3.1	3.1	0
	6/24/2014	<1	<1	<1	<1	17	17	0.22
	9/9/2014	<1	<1	<1	<1	1.4	1.4	0
	11/11/2014	<1	<1	<1	<1	3.2	3.2	4.5
	4/1/2015	<1	<1	<1	<1	<1	0	0.74
	6/23/2015	<1	<1	<1	<1	0.88 J	0.88	0
	9/9/2015	<1	<1	<1	1.2	860	861.2	0
	11/4/2015	<1	<1	<1	<1	<1	0	0.26
	3/16/2016	<1	<1	<1	<1	1.1	1.1	0.74
	5/31/2016	<1	<1	<1	<1	43	43	0.69
	9/13/2016	<1	<1	<1	<1	<1	3.1	0
	11/8/2016	<1	<1	<1	<1	<1	0	0
MW-E06		Not Sampled						
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	<1	0.76 J	0.76	0
	6/28/2012	<1	<1	<1	<1	<1	0	0
	9/11/2012	0.87 J	<1	<1	<1	<1	0.87	0
	11/28/2012	<1	<1	<1	<1	<1	0	0
	3/25/2013	<1	<1	<1	<1	<1	0	0
	6/3/2013	<1	<1	<1	<1	<1	0	0
	9/9/2013	<1	<1	<1	<1	<1	0	0
	11/26/2013	<1	<1	<1	<1	<1	0	0
	3/25/2014	<1	<1	<1	<1	<1	0	0
	6/25/2014	<1	<1	<1	<1	<1	0	0.24

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	-	-
	9/9/2014	<1	<1	<1	<1	<1	0	0
	11/11/2014	<1	<1	<1	<1	<1	0	4.9
	4/1/2015	<1	<1	<1	<1	<1	0.31	0.29
	6/23/2015	<1	<1	<1	<1	<1	0	1.7
	9/9/2015	0.85 J	<1	<1	<1	<1	4.59	2.2
	11/4/2015	<1	<1	<1	<1	<1	0	0
	3/16/2016	<1	<1	<1	<1	<1	0	1.71
	5/31/2016	<1	<1	<1	<1	<1	3.2	0.27
	9/13/2016	<1	<1	<1	<1	<1	0	0
	11/8/2016	<1	<1	<1	<1	<1	0	0

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	-	-
MW-E07		Not Sampled						
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	<1	<1	0	34.51
	6/28/2012	<1	<1	<1	<1	<1	0	77.27
	9/11/2012	<1	<1	<1	<1	<1	0	45.95
	11/27/2012	<1	<1	<1	<1	<1	0	45.02
	3/25/2013	<1	<1	<1	<1	<1	0	79.22
	6/3/2013	<1	<1	<1	<1	<1	0	26.08
	9/10/2013	<1	<1	<1	<1	<1	0	54.73
	11/27/2013	<1	<1	<1	<1	<1	0	25.6
	3/25/2014	<1	<1	<1	<1	<1	0	33.1
	6/24/2014	<1	<1	<1	<1	<1	3.1	10.73
	9/10/2014	<1	<1	<1	<1	<1	0	40.1
	11/11/2014	<1	<1	<1	<1	<1	0	37.79
	4/1/2015	<1	<1	<1	<1	<1	0	69.73
	6/23/2015	<1	<1	<1	<1	<1	0	31.42
	9/9/2015	<1	<1	<1	<1	<1	3.3	66.36
	11/4/2015	<1	<1	<1	<1	<1	0	39.88
	3/16/2016	<1	<1	<1	<1	<1	0	72.24
	5/31/2016	<1	<1	<1	<1	<1	3.8	24.23
	9/13/2016	<1	<1	<1	<1	<1	0	10.16
	11/8/2016	<1	<1	<1	<1	<1	0	20.11
MW-E08		Not Sampled						
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	<1	<1	0	0
	6/5/2013	<4	<4	<4	<4	<4	3.3	0
	6/26/2014	<1	<1	<1	<1	<1	0	0
	6/16/2015	<1	<1	<1	<1	<1	0	0.26
	6/15/2016	<1	<1	<1	<1	<1	0	0
MW-E09		Not Sampled						
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	<1	<1	0	0
	6/6/2013	<1	<1	<1	<1	<1	0	0
	6/26/2014	<1	<1	<1	<1	<1	0	0
	6/16/2015	<1	<1	<1	<1	<1	0	0.27
	6/15/2016	<1	1	<1	<1	<1	1	0
MW-E10		Not Sampled						
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<5	<5	<5	<5	<5	0	1.9
	6/6/2013	<1	<1	<1	<1	<1	3.4	2.47
	6/26/2014	<1	<1	<1	<1	<1	6.3	0
	6/16/2015	<1	<1	<1	<1	<1	6.9	0
	6/15/2016	<1	<1	<1	<1	<1	4.4	0
ICM-PZ-02S		Not Sampled						
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	<1	<1	0	0
	6/5/2013	<4	<4	<4	<4	<4	0	3.4
	6/26/2014	<1	<1	<1	<1	<1	5.4	0
	6/16/2015	<1	<1	<1	<1	<1	3.6	0
	6/15/2016	<1	<1	<1	<1	<1	3.6	0
ICM-PZ-03S		Not Sampled						
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	<1	<1	3.8	0
	6/5/2013	<4	<4	<4	<4	<4	0	2.9
	6/26/2014	<1	<1	<1	<1	<1	5	6.7
	6/16/2015	<1	<1	<1	<1	<1	3.5	0
	6/15/2016	<1	<1	<1	<1	<1	0	0
RFI-PZ-17	11/20/2009	<5	<5	<5	<5	<5	0	2.8
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	<1	<1	0	0
	6/5/2013	<4	<4	<4	<4	<4	0	0

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	-	-
	6/26/2014	<1	<1	<1	<1	<1	4.1	0.5
	6/16/2015	<1	<1	<1	<1	<1	0	0
	6/15/2016	<1	<1	<1	<1	<1	4.5	0

Notes:

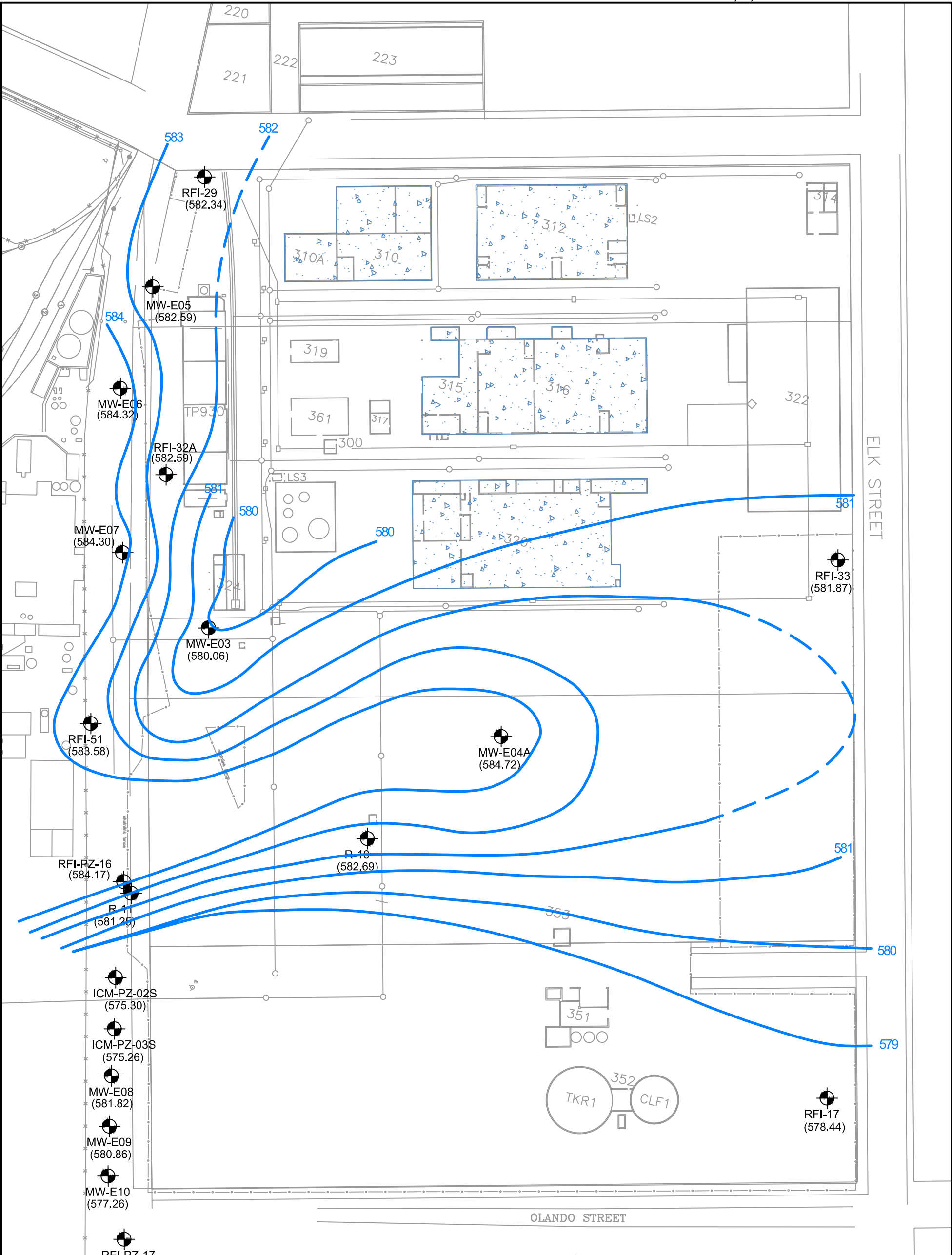
** - Results compared to NYDEC Class GA water quality standards

J - Laboratory Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

Results are shown in ug/L.

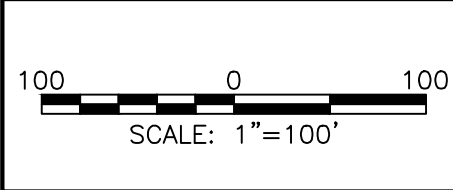
Blue cells indicate groundwater monitoring events completed prior to the applicaion of ORC-A.

The following wells are sampled on an Annual Basis: MW-E08, MW-E09, MW-E10, ICM-PZ-02S, ICM-PZ-03S, and RFI-PZ-17.



LEGEND

-  MW-E06 (582.77) Monitoring Well Location with Groundwater Elevation (FT-MSL)
-  Concrete Slab (Former Building)



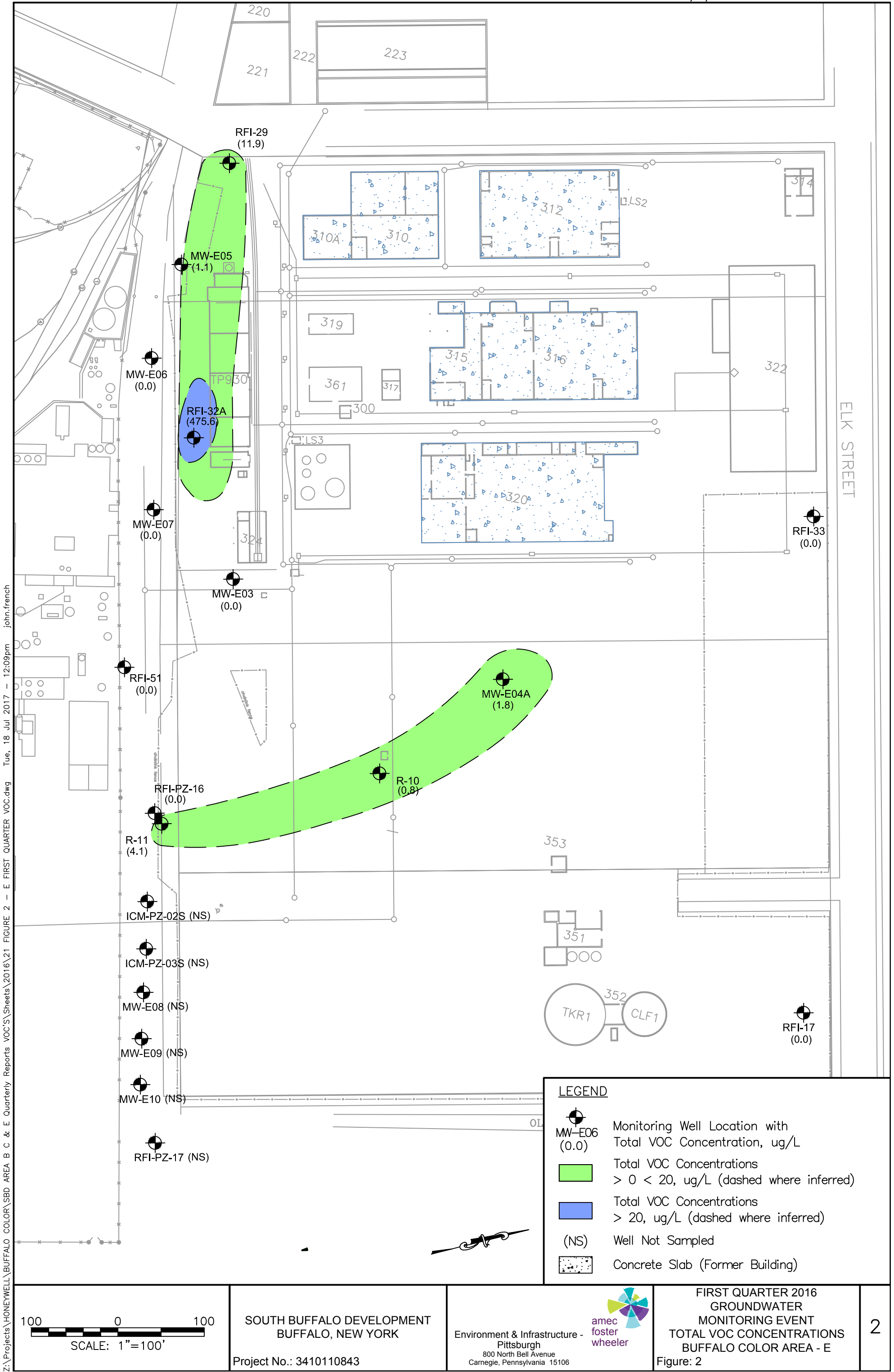
SOUTH BUFFALO DEVELOPMENT
BUFFALO, NEW YORK
Project No.: 3410110843

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

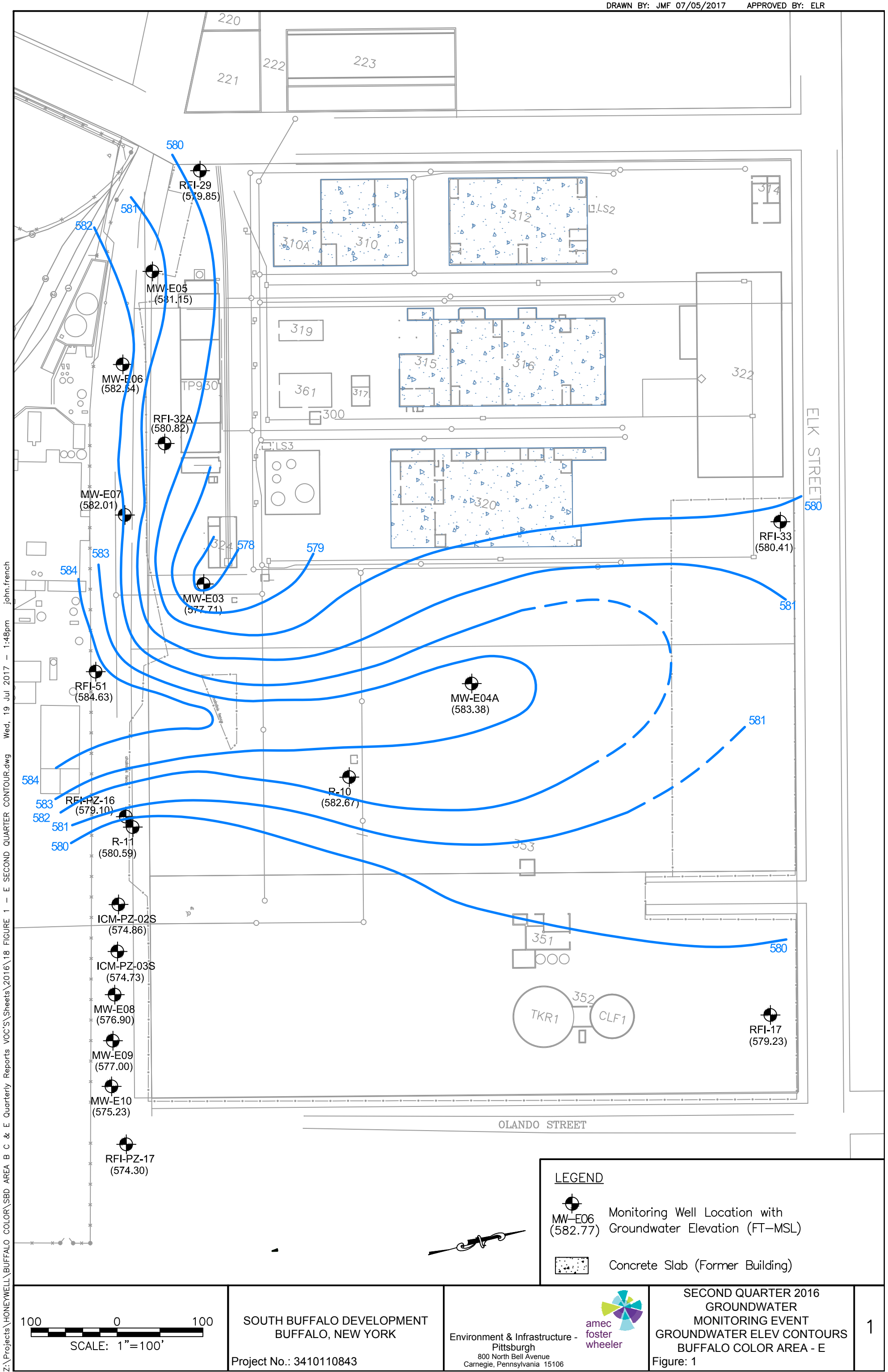


FIRST QUARTER 2016
GROUNDWATER
MONITORING EVENT
GROUNDWATER ELEV CONTOURS
BUFFALO COLOR AREA - E
Figure: 1

Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\Sheets\2016\17 FIGURE 1 - E FIRST QUARTER CONTOUR.dwg Wed, 19 Jul 2017 - 1:46pm john.french

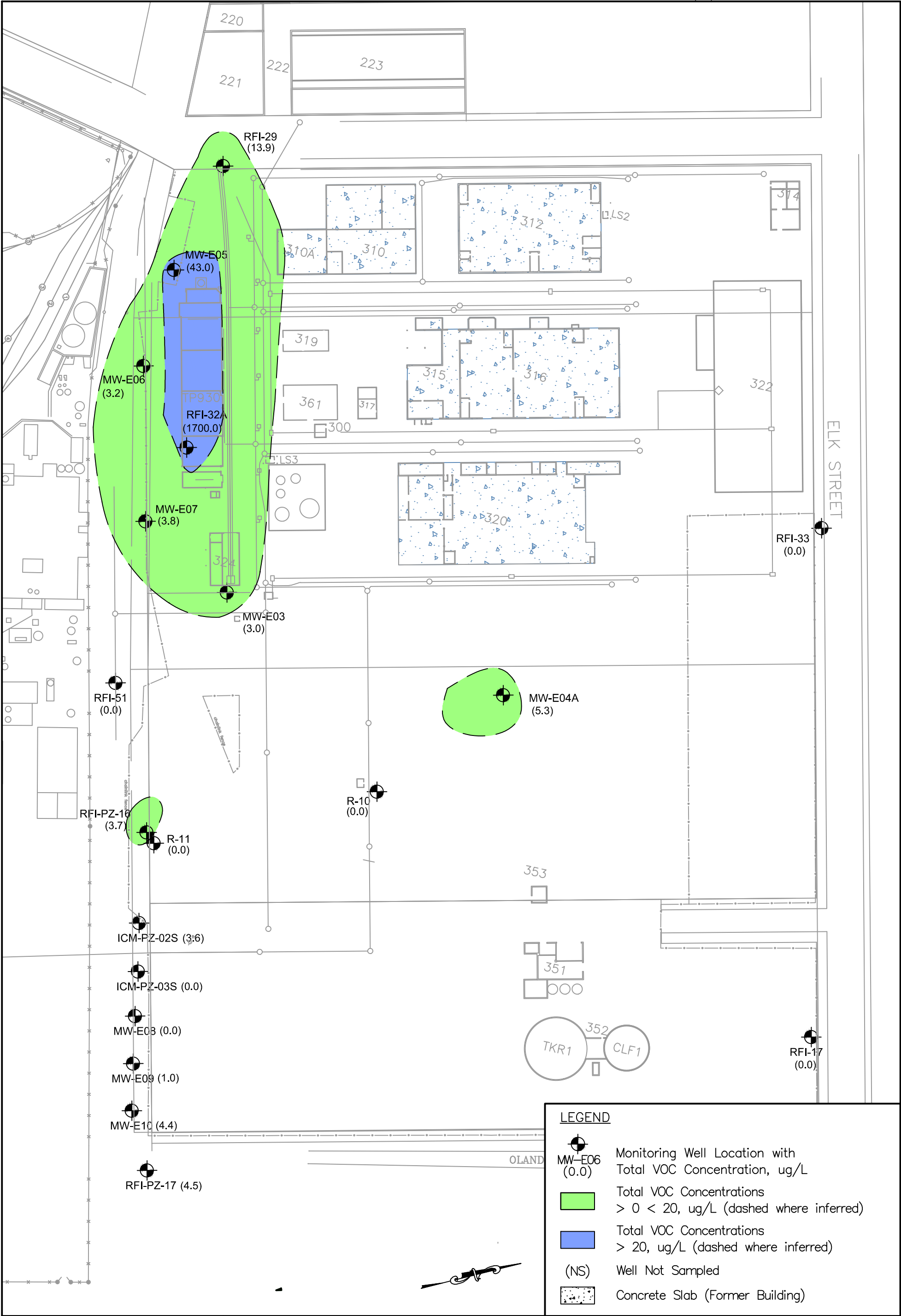


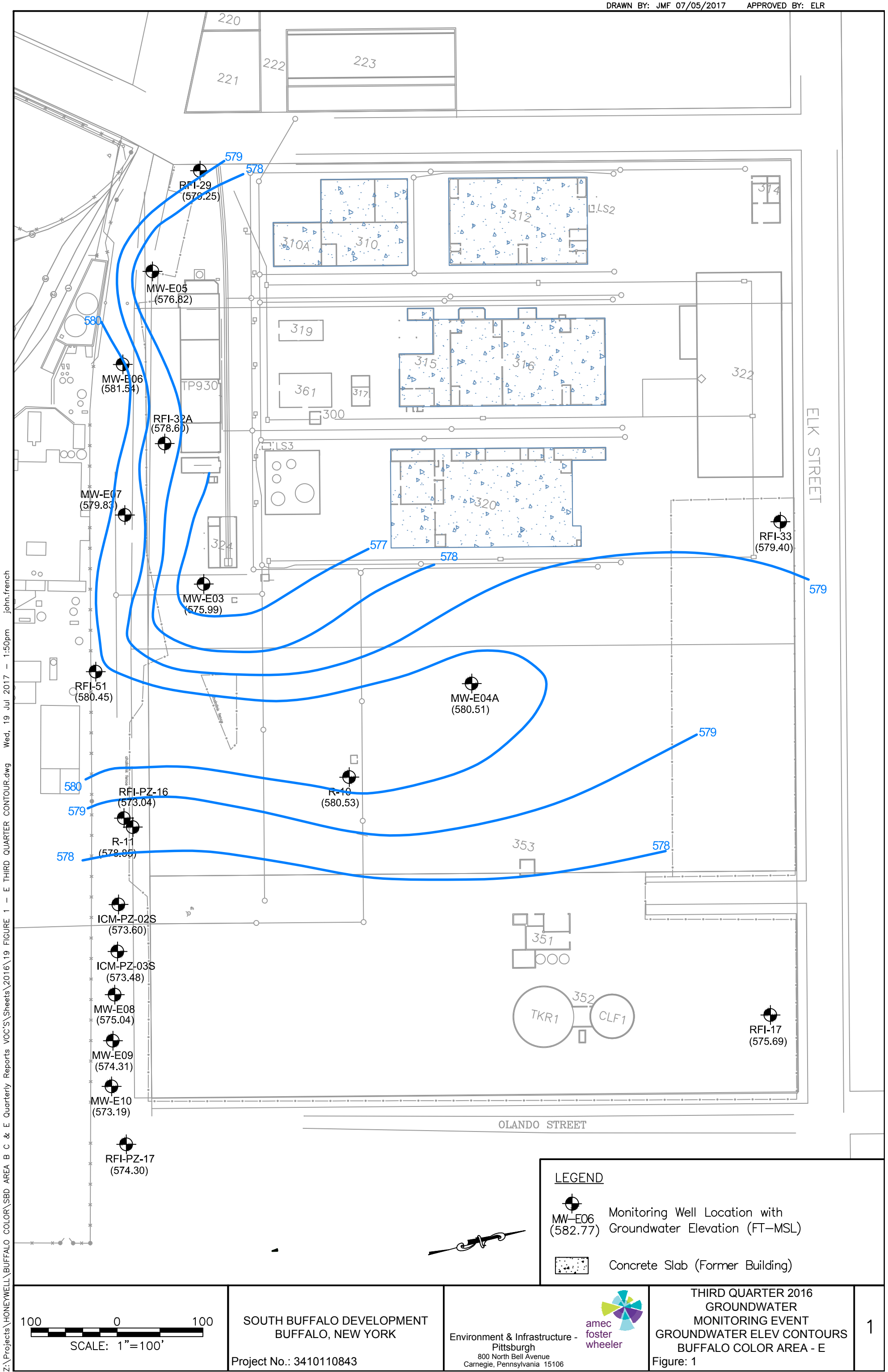
Z:\Projects\HONEYWELL\BUFFALO\COLOR\SBD AREA B C & E Quarterly Reports VOC's\Sheets\2016\21 FIGURE 2 - E FIRST QUARTER VOC.dwg Tue, 18 Jul 2017 - 12:09pm john.french



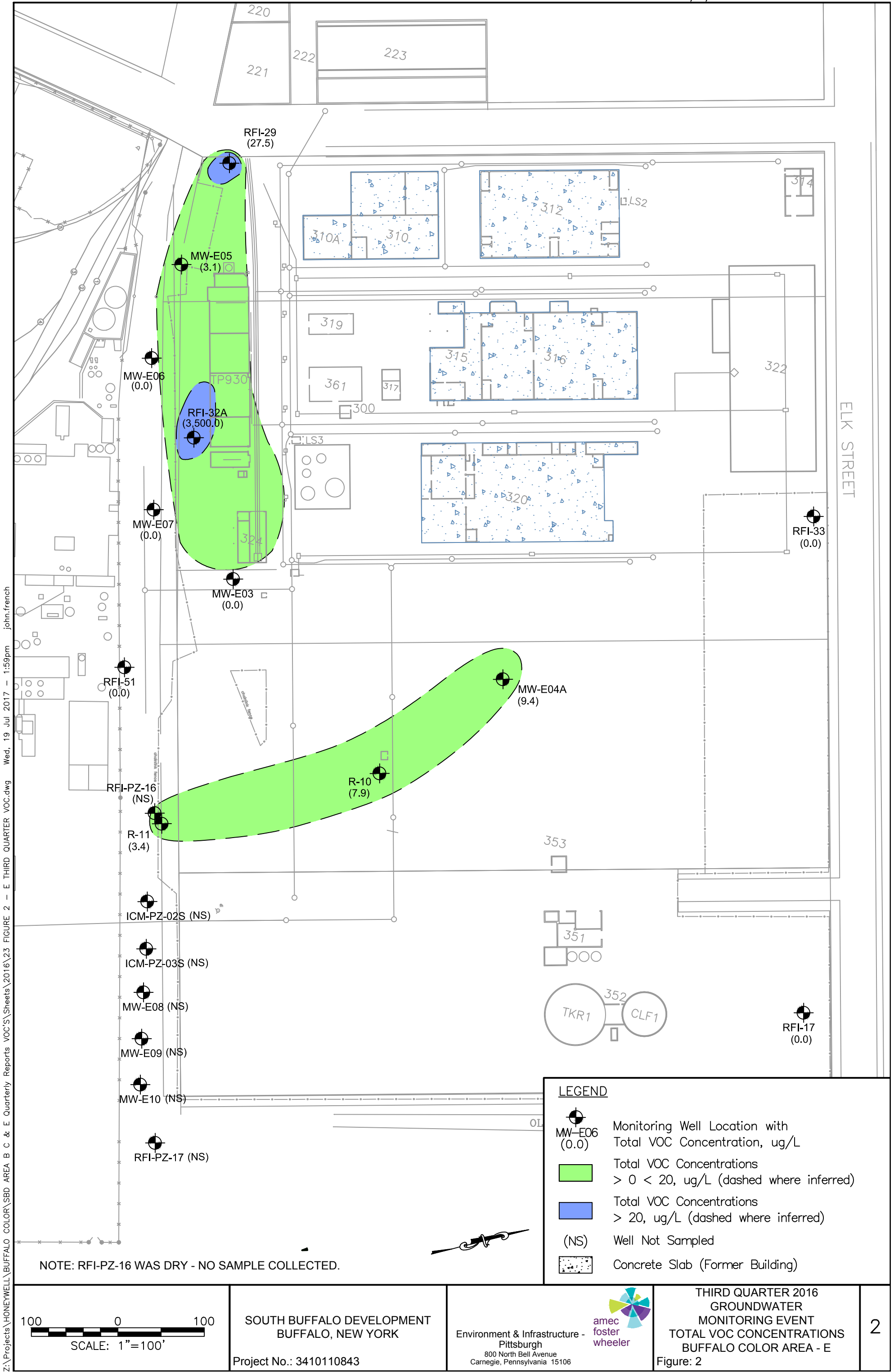
Z:\Projects\HONEYWELL\BUFFALO COLOR AREA B C & E Quarterly Reports VOC'S\Sheets\2016\18 FIGURE 1 - E SECOND QUARTER CONTOUR.dwg Wed, 19 Jul 2017 - 1:48pm john.french

Z:\Projects\HONEYWELL\BUFFALO COLOR AREA B C & E Quarterly Reports VOC'S\Sheets\2016\22 FIGURE 2 - E SECOND QUARTER VOC.dwg Tue, 18 Jul 2017 - 12:11pm john.french

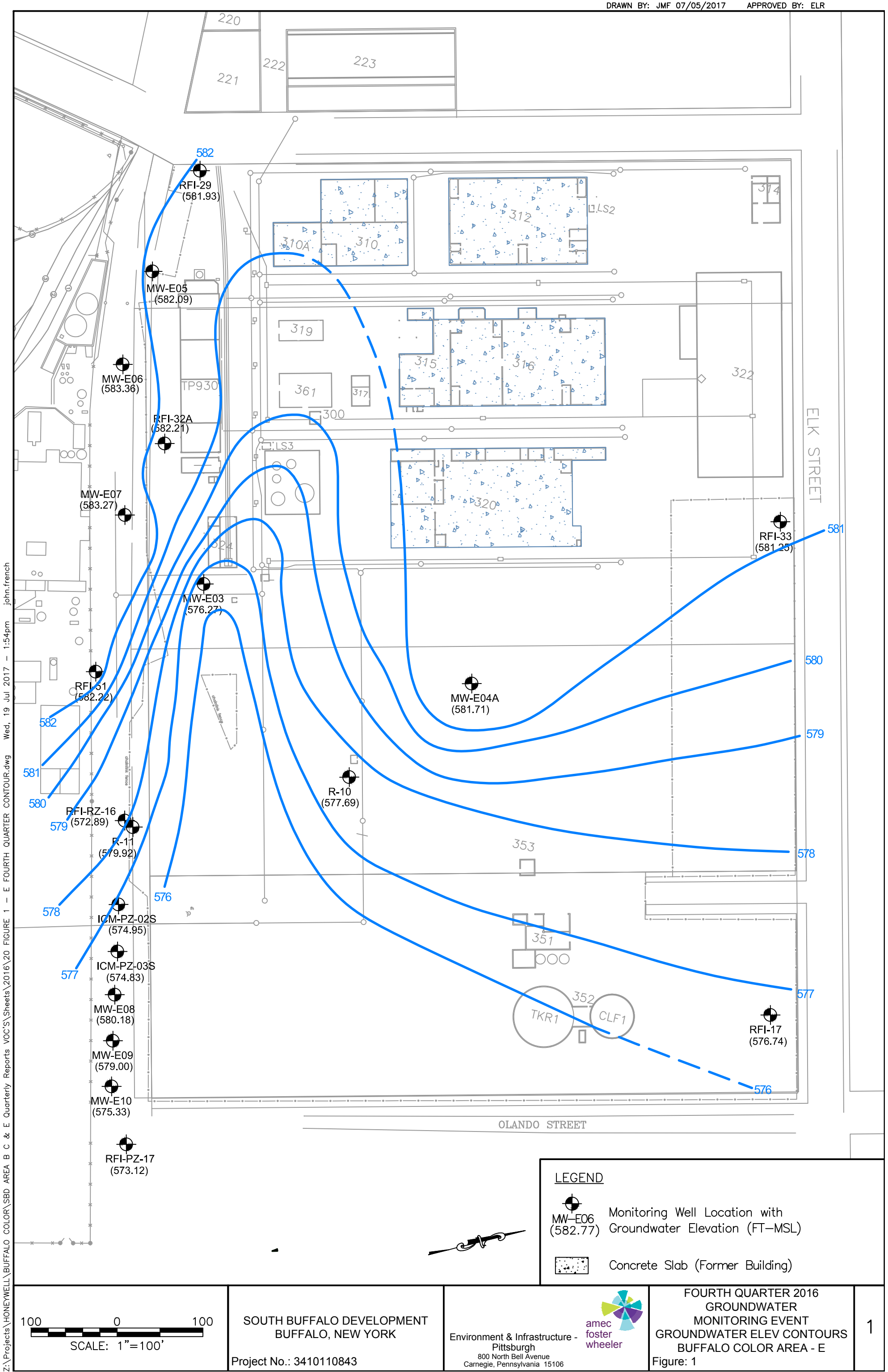




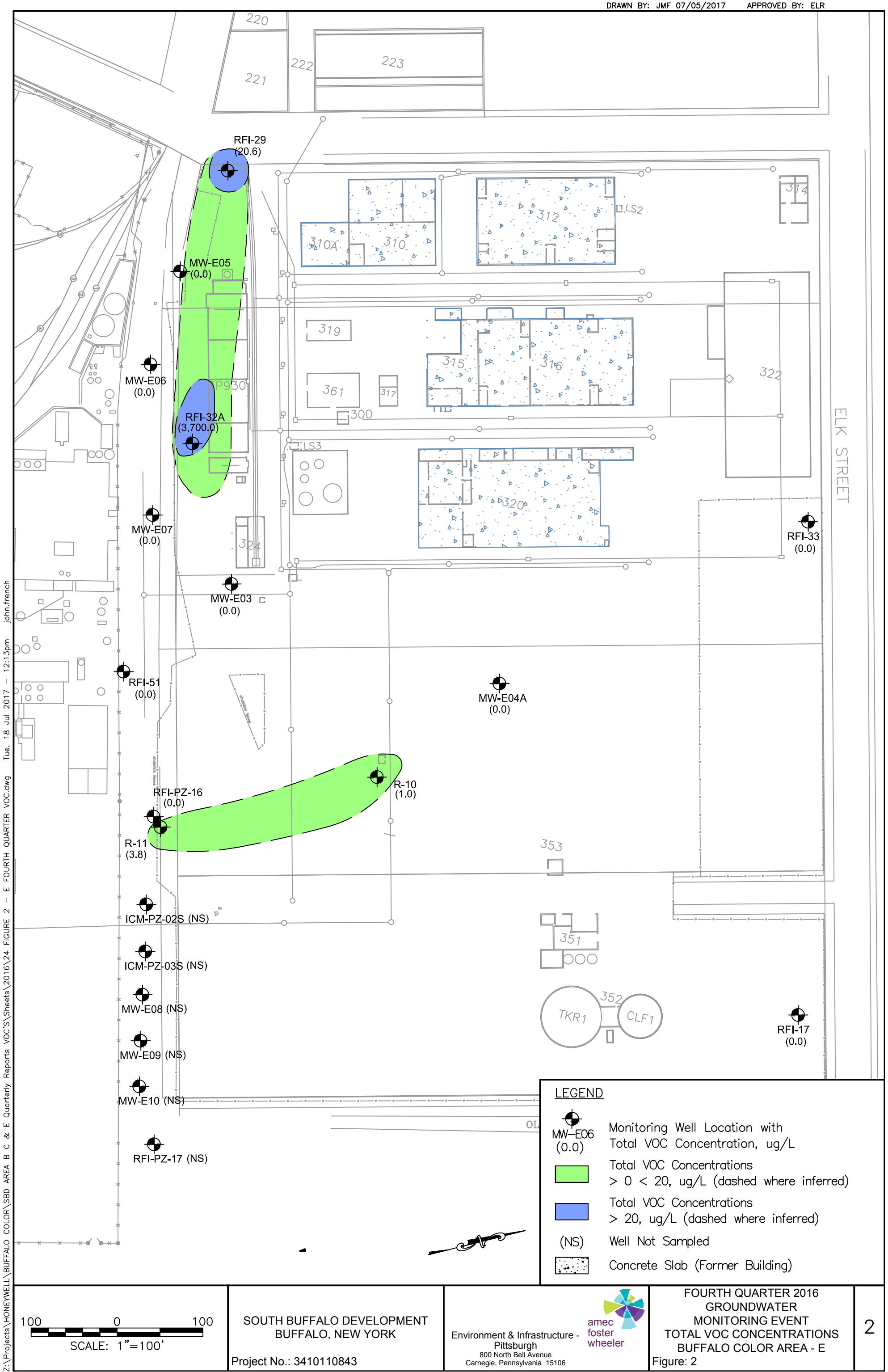
Z:\Projects\HONEYWELL\BUFFALO COLOR\SBDArea B C & E Quarterly Reports VOC's\Sheets\2016\19 FIGURE 1 - E THIRD QUARTER CONTOUR.dwg Wed, 19 Jul 2017 - 1:50pm john.french



Z:\Projects\HONEYWELL\BUFFALO\COLOR\SBD AREA B C & E Quarterly Reports VOC\S\Sheets\2016\23 FIGURE 2 - E THIRD QUARTER VOC.dwg Wed, 19 Jul 2017 - 1:59pm john.french



Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\Sheets\2016\20 FIGURE 1 - E FOURTH QUARTER CONTOUR.dwg Wed, 19 Jul 2017 - 1:54pm john.french



Z:\Projects\HONEYWELL\BUFFALO\COLOR\SBD AREA B C & E Quarterly Reports VOC\S\Sheets\2016\24 FIGURE 2 - E FOURTH QUARTER VOC.dwg Tue, 18 Jul 2017 - 12:13pm john.french

ATTACHMENT D
DATA USABILITY SUMMARY REPORTS

DATA VALIDATION SUMMARY REPORT AREA E 2016 NAPL WELLS ANNUAL GROUNDWATER SAMPLING

HONEYWELL BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Prepared for

Honeywell

115 Tabor Road
Morris Plains, New Jersey 07950

Prepared by



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

FEBRUARY 2017

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TABLES

Table 1	Sample and Analytical Summary
Table 2	Project Precision and Accuracy Goals
Table 3	Validation Actions Summary
Table 4	Final Results

1.0 INTRODUCTION

Data validation was completed on groundwater samples collected in June 2016. Samples were analyzed by TestAmerica Laboratories in Buffalo, New York (TAL-Buffalo) and results were reported in data package 480-101675-1. 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
- Mercury by USEPA Method SW846 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
- 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, 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 concentrations greater than 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

LCSL=LCS 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

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
- * MS/MSD
- * Field Duplicates
- * Surrogate Spikes
- * Reporting Limits
- * Data Completeness
- * Electronic Data Verification
- * - Criteria were met for this parameter.

2.1.1. June event

No QC issues were identified.

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. June event

LCS

The LCS percent recovery was less than the QC limit of 50 for caprolactam (39) in batch 306989, which may indicate low bias. Caprolactam was not detected in associated samples and reporting limits were 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 MW-E10 and RFI-PZ-17 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 E MW-E10_0616	480-101675-3	SW8270	10
BCC Area E RFI-PZ-17_0616	480-101675-6	SW8270	20

2.3 METALS

The data were evaluated based on the following parameters:

- * Collection and Preservation
- * Holding Times
- Blanks
- * LCS
- * MS/MSD
- * Field duplicate
- * Reporting Limits
- * Data Completeness
- * Electronic Data Verification

* - all criteria were met for this parameter.

2.3.1. June event

Blanks

Zinc (0.00226 mg/L) was detected below the reporting limit in method blank batch 306931. An action limit was established at five times the reported blank concentration. Zinc results

were less than the action limit in associated samples and were qualified as non-detect (U) at the reporting limit with reason code BL1.

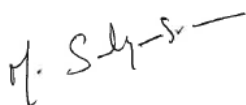
3.0 REFERENCES

- 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.
- 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 19, 2017

Senior Chemist: Chris Ricardi, NRCC-EAC



February 1, 2017

TABLES

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

				Parameter	VOCs	SVOCs	TAL Metals	Mercury
				Method	SW8260C	SW8270D	SW6010C	SW7470A
SDG	Field Sample ID	Location ID	Type	Date				
480-101675-1	BCC Area E ICM-PZ-02S_0616	ICM-PZ-02S	REG	6/15/2016	48	66	22	1
480-101675-1	BCC Area E ICM-PZ-03S_0616	ICM-PZ-03S	REG	6/15/2016	48	66	22	1
480-101675-1	BCC Area E MW-E08_0616	MW-E08	REG	6/15/2016	48	66	22	1
480-101675-1	BCC Area E MW-E09_0616	MW-E09	REG	6/15/2016	48	66	22	1
480-101675-1	BCC Area E MW-E10_0616	MW-E10	REG	6/15/2016	48	66	22	1
480-101675-1	BCC Area E RFI-PZ-17_0616	RFI-PZ-17	REG	6/15/2016	48	66	22	1
480-101675-1	TRIP BLANK_061516	QC	TB	6/15/2016	48			

Notes

REG: Regular sample

TB: Trip blank

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

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

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 E NAPL WELLS ANNUAL GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area E MW-E10_0616	REG	480-101675-1	SW6010	Zinc	0.010	J,B	U	BL1	mg/L
BCC Area E ICM-PZ-02S_0616	REG	480-101675-1	SW6010	Zinc	0.010	J,B	U	BL1	mg/L
BCC Area E MW-E08_0616	REG	480-101675-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area E MW-E09_0616	REG	480-101675-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area E MW-E10_0616	REG	480-101675-1	SW8270	Caprolactam	47	U	UJ	LCSL	µg/L
BCC Area E ICM-PZ-02S_0616	REG	480-101675-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BCC Area E ICM-PZ-03S_0616	REG	480-101675-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area E RFI-PZ-17_0616	REG	480-101675-1	SW8270	Caprolactam	93	U	UJ	LCSL	µg/L

Notes:

BL1= Result qualified due to laboratory blank

LCSL= LCS recovery less than the lower limit

U= Undetected

J= Estimated

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E NAPL WELLS ANNUAL GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E ICM-PZ-02S_0616 ICM-PZ-02S 06/15/2016 480-101675-1	BCC Area E ICM-PZ-03S_0616 ICM-PZ-03S 06/15/2016 480-101675-1	BCC Area E MW-E08_0616 MW-E08 06/15/2016 480-101675-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.080 J	0.20 U	0.075 J
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.011 J	0.015 U	0.015 U
mg/L	SW6010	Barium	0.30	0.21	0.016
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.00069 J	0.0014 J
mg/L	SW6010	Calcium	249	340	213
mg/L	SW6010	Chromium	0.0040 U	0.0040 U	0.0040 U
mg/L	SW6010	Cobalt	0.0040 U	0.0040 U	0.0040 U
mg/L	SW6010	Copper	0.010 U	0.010 U	0.0056 J
mg/L	SW6010	Iron	20.3	6.9	0.96
mg/L	SW6010	Lead	0.010 U	0.010 U	0.0042 J
mg/L	SW6010	Magnesium	39.3	70.6	32.9
mg/L	SW6010	Manganese	0.70	1.6	0.28
mg/L	SW6010	Nickel	0.010 U	0.010 U	0.0068 J
mg/L	SW6010	Potassium	6.9	7.5	3.3
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	17.3	13.3	10.3
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.010 U	0.010 U	0.097
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E NAPL WELLS ANNUAL GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E ICM-PZ-02S_0616 ICM-PZ-02S 06/15/2016 480-101675-1	BCC Area E ICM-PZ-03S_0616 ICM-PZ-03S 06/15/2016 480-101675-1	BCC Area E MW-E08_0616 MW-E08 06/15/2016 480-101675-1
Units	Method	Parameter Name			
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	3.6 J	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E NAPL WELLS ANNUAL GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E ICM-PZ-02S_0616 ICM-PZ-02S 06/15/2016 480-101675-1	BCC Area E ICM-PZ-03S_0616 ICM-PZ-03S 06/15/2016 480-101675-1	BCC Area E MW-E08_0616 MW-E08 06/15/2016 480-101675-1
Units	Method	Parameter Name			
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.8 U	4.7 U	4.7 U
µg/L	SW8270	2,4,6-Trichlorophenol	4.8 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dichlorophenol	4.8 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dimethylphenol	4.8 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dinitrophenol	9.6 U	9.5 U	9.3 U
µg/L	SW8270	2,4-Dinitrotoluene	4.8 U	4.7 U	4.7 U
µg/L	SW8270	2,6-Dinitrotoluene	4.8 U	4.7 U	4.7 U
µg/L	SW8270	2-Chloronaphthalene	4.8 U	4.7 U	4.7 U
µg/L	SW8270	2-Chlorophenol	4.8 U	4.7 U	4.7 U
µg/L	SW8270	2-Methylnaphthalene	4.8 U	4.7 U	4.7 U
µg/L	SW8270	2-Methylphenol	4.8 U	4.7 U	4.7 U
µg/L	SW8270	2-Nitroaniline	9.6 U	9.5 U	9.3 U
µg/L	SW8270	2-Nitrophenol	4.8 U	4.7 U	4.7 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.8 U	4.7 U	4.7 U
µg/L	SW8270	3-Nitroaniline	9.6 U	9.5 U	9.3 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.6 U	9.5 U	9.3 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.8 U	4.7 U	4.7 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.8 U	4.7 U	4.7 U
µg/L	SW8270	4-Chloroaniline	4.8 U	4.7 U	4.7 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.8 U	4.7 U	4.7 U
µg/L	SW8270	4-Methylphenol	9.6 U	9.5 U	9.3 U
µg/L	SW8270	4-Nitroaniline	9.6 U	9.5 U	9.3 U
µg/L	SW8270	4-Nitrophenol	9.6 U	9.5 U	9.3 U
µg/L	SW8270	Acenaphthene	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Acenaphthylene	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Acetophenone	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Aniline	9.6 U	9.5 U	9.3 U
µg/L	SW8270	Anthracene	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Atrazine	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Benzaldehyde	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(a)anthracene	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(a)pyrene	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(b)fluoranthene	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.8 U	4.7 U	4.7 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E NAPL WELLS ANNUAL GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E ICM-PZ-02S_0616 ICM-PZ-02S 06/15/2016 480-101675-1	BCC Area E ICM-PZ-03S_0616 ICM-PZ-03S 06/15/2016 480-101675-1	BCC Area E MW-E08_0616 MW-E08 06/15/2016 480-101675-1
Units	Method	Parameter Name			
µg/L	SW8270	Benzo(k)fluoranthene	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Biphenyl	4.8 U	4.7 U	4.7 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Butyl benzyl phthalate	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Caprolactam	4.8 UJ	4.7 UJ	4.7 UJ
µg/L	SW8270	Carbazole	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Chrysene	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Di-n-butyl phthalate	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Di-n-octyl phthalate	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Dibenzofuran	9.6 U	9.5 U	9.3 U
µg/L	SW8270	Diethyl phthalate	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Dimethyl phthalate	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Fluoranthene	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Fluorene	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorobenzene	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorobutadiene	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Hexachloroethane	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Isophorone	4.8 U	4.7 U	4.7 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.8 U	4.7 U	4.7 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Naphthalene	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Nitrobenzene	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Pentachlorophenol	9.6 U	9.5 U	9.3 U
µg/L	SW8270	Phenanthrene	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Phenol	4.8 U	4.7 U	4.7 U
µg/L	SW8270	Pyrene	4.8 U	4.7 U	4.7 U

Notes

U = undetected

J = estimated value

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E NAPL WELLS ANNUAL GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E09_0616 MW-E09 06/15/2016 480-101675-1	BCC Area E MW-E10_0616 MW-E10 06/15/2016 480-101675-1	BCC Area E RFI-PZ-17_0616 RFI-PZ-17 06/15/2016 480-101675-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.24	0.20 U	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.015 U	0.015 U
mg/L	SW6010	Barium	0.011	0.040	0.11
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0052	0.00075 J	0.0020 U
mg/L	SW6010	Calcium	470	510	350
mg/L	SW6010	Chromium	0.0040 U	0.0040 U	0.0040 U
mg/L	SW6010	Cobalt	0.012	0.0040 U	0.0040 U
mg/L	SW6010	Copper	0.067	0.010 U	0.010 U
mg/L	SW6010	Iron	0.66	19.1	0.38
mg/L	SW6010	Lead	0.010 U	0.010 U	0.010 U
mg/L	SW6010	Magnesium	43.5	75.1	50.9
mg/L	SW6010	Manganese	1.7	1.4	0.15
mg/L	SW6010	Nickel	0.049	0.010 U	0.010 U
mg/L	SW6010	Potassium	2.9	3.1	3.0
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	9.0	10.0	11.9
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	1.2	0.010 U	0.010 U
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E NAPL WELLS ANNUAL GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E09_0616 MW-E09 06/15/2016 480-101675-1	BCC Area E MW-E10_0616 MW-E10 06/15/2016 480-101675-1	BCC Area E RFI-PZ-17_0616 RFI-PZ-17 06/15/2016 480-101675-1
Units	Method	Parameter Name			
µg/L	SW8260	1,3-Dichlorobenzene	1.0	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	4.4 J	4.5 J
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E NAPL WELLS ANNUAL GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E09_0616 MW-E09 06/15/2016 480-101675-1	BCC Area E MW-E10_0616 MW-E10 06/15/2016 480-101675-1	BCC Area E RFI-PZ-17_0616 RFI-PZ-17 06/15/2016 480-101675-1
Units	Method	Parameter Name			
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.6 U	47 U	93 U
µg/L	SW8270	2,4,6-Trichlorophenol	4.6 U	47 U	93 U
µg/L	SW8270	2,4-Dichlorophenol	4.6 U	47 U	93 U
µg/L	SW8270	2,4-Dimethylphenol	4.6 U	47 U	93 U
µg/L	SW8270	2,4-Dinitrophenol	9.2 U	95 U	190 U
µg/L	SW8270	2,4-Dinitrotoluene	4.6 U	47 U	93 U
µg/L	SW8270	2,6-Dinitrotoluene	4.6 U	47 U	93 U
µg/L	SW8270	2-Chloronaphthalene	4.6 U	47 U	93 U
µg/L	SW8270	2-Chlorophenol	4.6 U	47 U	93 U
µg/L	SW8270	2-Methylnaphthalene	4.6 U	47 U	93 U
µg/L	SW8270	2-Methylphenol	4.6 U	47 U	93 U
µg/L	SW8270	2-Nitroaniline	9.2 U	95 U	190 U
µg/L	SW8270	2-Nitrophenol	4.6 U	47 U	93 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.6 U	47 U	93 U
µg/L	SW8270	3-Nitroaniline	9.2 U	95 U	190 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.2 U	95 U	190 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.6 U	47 U	93 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.6 U	47 U	93 U
µg/L	SW8270	4-Chloroaniline	4.6 U	47 U	93 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.6 U	47 U	93 U
µg/L	SW8270	4-Methylphenol	9.2 U	95 U	190 U
µg/L	SW8270	4-Nitroaniline	9.2 U	95 U	190 U
µg/L	SW8270	4-Nitrophenol	9.2 U	95 U	190 U
µg/L	SW8270	Acenaphthene	4.6 U	47 U	93 U
µg/L	SW8270	Acenaphthylene	4.6 U	47 U	93 U
µg/L	SW8270	Acetophenone	4.6 U	47 U	93 U
µg/L	SW8270	Aniline	9.2 U	95 U	190 U
µg/L	SW8270	Anthracene	4.6 U	47 U	93 U
µg/L	SW8270	Atrazine	4.6 U	47 U	93 U
µg/L	SW8270	Benzaldehyde	4.6 U	47 U	93 U
µg/L	SW8270	Benzo(a)anthracene	4.6 U	47 U	93 U
µg/L	SW8270	Benzo(a)pyrene	4.6 U	47 U	93 U
µg/L	SW8270	Benzo(b)fluoranthene	4.6 U	47 U	93 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.6 U	47 U	93 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E NAPL WELLS ANNUAL GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E09_0616 MW-E09 06/15/2016 480-101675-1	BCC Area E MW-E10_0616 MW-E10 06/15/2016 480-101675-1	BCC Area E RFI-PZ-17_0616 RFI-PZ-17 06/15/2016 480-101675-1
Units	Method	Parameter Name			
µg/L	SW8270	Benzo(k)fluoranthene	4.6 U	47 U	93 U
µg/L	SW8270	Biphenyl	4.6 U	47 U	93 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.6 U	47 U	93 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.6 U	47 U	93 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.6 U	47 U	93 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.6 U	47 U	93 U
µg/L	SW8270	Butyl benzyl phthalate	4.6 U	47 U	93 U
µg/L	SW8270	Caprolactam	4.6 UJ	47 UJ	93 UJ
µg/L	SW8270	Carbazole	4.6 U	47 U	93 U
µg/L	SW8270	Chrysene	4.6 U	47 U	93 U
µg/L	SW8270	Di-n-butyl phthalate	4.6 U	47 U	93 U
µg/L	SW8270	Di-n-octyl phthalate	4.6 U	47 U	93 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.6 U	47 U	93 U
µg/L	SW8270	Dibenzofuran	9.2 U	95 U	190 U
µg/L	SW8270	Diethyl phthalate	4.6 U	47 U	93 U
µg/L	SW8270	Dimethyl phthalate	4.6 U	47 U	93 U
µg/L	SW8270	Fluoranthene	4.6 U	47 U	93 U
µg/L	SW8270	Fluorene	4.6 U	47 U	93 U
µg/L	SW8270	Hexachlorobenzene	4.6 U	47 U	93 U
µg/L	SW8270	Hexachlorobutadiene	4.6 U	47 U	93 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.6 U	47 U	93 U
µg/L	SW8270	Hexachloroethane	4.6 U	47 U	93 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.6 U	47 U	93 U
µg/L	SW8270	Isophorone	4.6 U	47 U	93 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.6 U	47 U	93 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.6 U	47 U	93 U
µg/L	SW8270	Naphthalene	4.6 U	47 U	93 U
µg/L	SW8270	Nitrobenzene	4.6 U	47 U	93 U
µg/L	SW8270	Pentachlorophenol	9.2 U	95 U	190 U
µg/L	SW8270	Phenanthrene	4.6 U	47 U	93 U
µg/L	SW8270	Phenol	4.6 U	47 U	93 U
µg/L	SW8270	Pyrene	4.6 U	47 U	93 U

Notes

U = undetected

J = estimated value

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E NAPL WELLS ANNUAL GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			TRIP BLANK_061516 QC 06/15/2016 480-101675-1
Units	Method	Parameter Name	
mg/L	SW6010	Aluminum	
mg/L	SW6010	Antimony	
mg/L	SW6010	Arsenic	
mg/L	SW6010	Barium	
mg/L	SW6010	Beryllium	
mg/L	SW6010	Cadmium	
mg/L	SW6010	Calcium	
mg/L	SW6010	Chromium	
mg/L	SW6010	Cobalt	
mg/L	SW6010	Copper	
mg/L	SW6010	Iron	
mg/L	SW6010	Lead	
mg/L	SW6010	Magnesium	
mg/L	SW6010	Manganese	
mg/L	SW6010	Nickel	
mg/L	SW6010	Potassium	
mg/L	SW6010	Selenium	
mg/L	SW6010	Silver	
mg/L	SW6010	Sodium	
mg/L	SW6010	Thallium	
mg/L	SW6010	Vanadium	
mg/L	SW6010	Zinc	
mg/L	SW7470	Mercury	
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E NAPL WELLS ANNUAL GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			TRIP BLANK_061516 QC 06/15/2016 480-101675-1
Units	Method	Parameter Name	
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U
µg/L	SW8260	2-Hexanone	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U
µg/L	SW8260	Acetone	10 U
µg/L	SW8260	Benzene	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U
µg/L	SW8260	Bromoform	1.0 U
µg/L	SW8260	Bromomethane	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U
µg/L	SW8260	Chloroethane	1.0 U
µg/L	SW8260	Chloroform	1.0 U
µg/L	SW8260	Chloromethane	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U
µg/L	SW8260	Styrene	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U
µg/L	SW8260	Toluene	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E NAPL WELLS ANNUAL GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			TRIP BLANK_061516 QC 06/15/2016 480-101675-1
Units	Method	Parameter Name	
µg/L	SW8260	Xylenes, Total	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	
µg/L	SW8270	2,4,6-Trichlorophenol	
µg/L	SW8270	2,4-Dichlorophenol	
µg/L	SW8270	2,4-Dimethylphenol	
µg/L	SW8270	2,4-Dinitrophenol	
µg/L	SW8270	2,4-Dinitrotoluene	
µg/L	SW8270	2,6-Dinitrotoluene	
µg/L	SW8270	2-Chloronaphthalene	
µg/L	SW8270	2-Chlorophenol	
µg/L	SW8270	2-Methylnaphthalene	
µg/L	SW8270	2-Methylphenol	
µg/L	SW8270	2-Nitroaniline	
µg/L	SW8270	2-Nitrophenol	
µg/L	SW8270	3,3'-Dichlorobenzidine	
µg/L	SW8270	3-Nitroaniline	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	
µg/L	SW8270	4-Bromophenyl phenyl ether	
µg/L	SW8270	4-Chloro-3-methylphenol	
µg/L	SW8270	4-Chloroaniline	
µg/L	SW8270	4-Chlorophenyl phenyl ether	
µg/L	SW8270	4-Methylphenol	
µg/L	SW8270	4-Nitroaniline	
µg/L	SW8270	4-Nitrophenol	
µg/L	SW8270	Acenaphthene	
µg/L	SW8270	Acenaphthylene	
µg/L	SW8270	Acetophenone	
µg/L	SW8270	Aniline	
µg/L	SW8270	Anthracene	
µg/L	SW8270	Atrazine	
µg/L	SW8270	Benzaldehyde	
µg/L	SW8270	Benzo(a)anthracene	
µg/L	SW8270	Benzo(a)pyrene	
µg/L	SW8270	Benzo(b)fluoranthene	
µg/L	SW8270	Benzo(g,h,i)perylene	

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E NAPL WELLS ANNUAL GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			TRIP BLANK_061516 QC 06/15/2016 480-101675-1
Units	Method	Parameter Name	
µg/L	SW8270	Benzo(k)fluoranthene	
µg/L	SW8270	Biphenyl	
µg/L	SW8270	bis (2-chloroisopropyl) ether	
µg/L	SW8270	Bis(2-chloroethoxy)methane	
µg/L	SW8270	Bis(2-chloroethyl)ether	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	
µg/L	SW8270	Butyl benzyl phthalate	
µg/L	SW8270	Caprolactam	
µg/L	SW8270	Carbazole	
µg/L	SW8270	Chrysene	
µg/L	SW8270	Di-n-butyl phthalate	
µg/L	SW8270	Di-n-octyl phthalate	
µg/L	SW8270	Dibenz(a,h)anthracene	
µg/L	SW8270	Dibenzofuran	
µg/L	SW8270	Diethyl phthalate	
µg/L	SW8270	Dimethyl phthalate	
µg/L	SW8270	Fluoranthene	
µg/L	SW8270	Fluorene	
µg/L	SW8270	Hexachlorobenzene	
µg/L	SW8270	Hexachlorobutadiene	
µg/L	SW8270	Hexachlorocyclopentadiene	
µg/L	SW8270	Hexachloroethane	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	
µg/L	SW8270	Isophorone	
µg/L	SW8270	N-Nitrosodi-n-propylamine	
µg/L	SW8270	N-Nitrosodiphenylamine	
µg/L	SW8270	Naphthalene	
µg/L	SW8270	Nitrobenzene	
µg/L	SW8270	Pentachlorophenol	
µg/L	SW8270	Phenanthrene	
µg/L	SW8270	Phenol	
µg/L	SW8270	Pyrene	

Notes

U = undetected

J = estimated value

DATA VALIDATION SUMMARY REPORT AREA E 2016 GROUNDWATER SAMPLING

HONEYWELL BUFFALO COLOR AREA E
BUFFALO, NEW YORK

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FEBRUARY 2017

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Table 1	Sample and Analytical Summary
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Table 3	Validation Actions Summary
Table 4	Final Results

1.0 INTRODUCTION

Data validation was completed on groundwater samples collected 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 package Sample delivery groups (SDGs) 480-96750-1, 480-100964-1, 480-105843-1 and 480-109269-1. 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
- Mercury by USEPA Method SW846 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
- 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 QC 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 concentrations greater than 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

BL3= Result qualified due to field and equipment blank

LCSL=LCS recovery less than the lower limit

LCSH=LCS recovery greater than the upper limit

MSH= Matrix spike recovery greater than the upper limit

MSDH= Matrix spike duplicate recovery greater than the upper limit

MSDL=Matrix spike duplicate recovery less than the lower limit

MSL=Matrix spike 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 ground water sample results is provided on Table 4.

2.0 DATA VALIDATION ACTIONS AND OBSERVATIONS

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
 - MS/MSD
- * Surrogate Spikes
- * Field duplicate
 - Reporting Limits
- * Data Completeness
- * Electronic Data Verification
- * - Criteria were met for this parameter.

2.1.1 March Event

Blanks

Tetrachloroethene (0.55 µg/L) was detected below the reporting limit in TRIP BLANK_031516. An action limit was established at five times the reported blank concentration. Tetrachloroethene was less than action limits in associated sample BCC Area E R-10_0316 and qualified as non-detect (U) at the reporting limit with reason code BL3.

MS/MSD

MS/MSD analysis was completed using sample BCC Area E RFI-32_0316 and BCC Area E RFI-32 D_0316. The MS and MSD percent recoveries for acetone (141/148) were greater than the upper QC limit of 130 percent, which indicate high bias. Results of these in sample BCC Area E RFI-32 D_0316 were qualified as estimated (J) with reason code MSH and MSDH.

Reporting Limits

The sample from location RFI-32 was analyzed at a dilution due to the concentration of target compounds. Reporting limits for target compounds in the following samples are elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC Area E RFI-32_0316	480-96750-5	SW8260	20

2.1.2. May EventMS/MSD

MS/MSD analysis was completed using sample BCC Area E RFI-32_0616. The MS and MSD percent recoveries for chlorobenzene (20,13) were lower than the lower QC limit of 70 percent, which indicate low bias. Result of these in sample BCC Area E RFI-32_0616 was qualified as estimated (UJ) with reason code MSL and MSDL.

Reporting Limits

The sample from location RFI-32 was analyzed at a dilution due to the concentrations of target compounds. Reporting limits for target compounds in the following samples are elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC Area E RFI-32_0616	480-100964-5	SW8260	20

2.1.3. September EventLCS

The LCS percent recovery was greater than the QC limit of 130 percent for acetone (141) in SDG 480-105843-1, which may indicate high bias. The results for acetone in associated sample was qualified as estimated (J) with reason code LCSH. A summary of qualified sample results is presented in Table 3.

The LCS percent recovery was less than the QC limit of 70 percent for dichlorodifluoromethane (61) in SDG 480-105843-1, which may indicate low bias. Results for dichlorodifluoromethane in associated samples were 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 E_MW-E05_0916. The MS and MSD percent recoveries for dichlorodifluoromethane (62/64) was less than the QC limit of 70, which indicate low bias. Results of dichlorodifluoromethane in samples BCC_Area E_MW-E05_0916 and BCC_Area E_MW-E05 D_0916 were qualified as estimated (UJ) with reason code MSL and MSDL.

Reporting Limits

The sample from location RFI-32 was analyzed at a dilution due to the concentration of chlorobenzene. Reporting limits for target compounds in the following samples are elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC_Area E_RFI-32_0916	480-105843-5	SW8260	20

2.1.4 November EventReporting Limits

The sample from location RFI-32 was analyzed at a dilution due to the concentration of chlorobenzene. Reporting limits for target compounds in the following samples are elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC Area E RFI-32 1116	480-109269-5	SW8260	40

2.2 SEMIVOLATILE ORGANIC COMPOUNDS

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

* - Criteria were met for this parameter.

2.2.1 March Event

LCS

The LCS percent recovery was less than the QC limit of 50 percent for aniline (48) and caprolactam (34) in SDG 480-96750-1, which may indicate low bias. Aniline and caprolactam in associated samples were not detected and reporting limits are 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 E R-10_0316. The MS and/or MSD percent recoveries for 4-chloroaniline (40/44) and aniline (50/48) were less than the QC limit of 50, which indicate low bias. MS/MSD percent recoveries for 3,3'-dichlorobenzidine (0/0) were less than 10 percent, which indicate no recovery in the sample matrix. Results in samples BCC Area B BCC Area E R-10_0316 were qualified as rejected (R) for 3,3'-dichlorobenzidine and estimated (UJ) for 4-chloroaniline and aniline with reason code MSL and/or MSDL.

MS/MSD analysis was completed using sample BCC Area E RFI-32_0316. The MS and/or MSD percent recoveries for 3,3'-dichlorobenzidine (23/35), aniline (46/50) and caprolactam (28/30) were less than the QC limit of 50, which indicate low bias. Results of these in samples BCC Area E RFI-32_0316 and BCC Area E RFI-32 D_0316 were qualified as estimated (UJ) for 4-chloroaniline and aniline with reason code MSL and/or MSDL.

Reporting Limits

The sample from location MW-E04 and RFI-32D was analyzed at a dilution due to the concentration of target analytes. Reporting limits for target compounds in the following samples are elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC Area E MW-E04_0316	480-96750-10	SW8270	20
BCC Area E RFI-32 D_0316	480-96750-14	SW8270	10

2.2.2 May Event

LCS

The LCS percent recovery was higher than the QC limit of 140 percent for benzaldehyde (156) in SDG 480-100964-1, which may indicate high bias. Detected results for

benzaldehyde in associated samples were qualified as estimated (J) with reason code LCSH. 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 caprolactam (35) in SDG 480-100964-1, which may indicate low bias. Caprolactam was not detected in associated samples and reporting limits were 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 E RFI-29_0616. The MS and MSD percent recoveries for caprolactam (34/33) was less than the QC limit of 50, which indicate low bias. Results of caprolactam in samples BCC Area E RFI-29_0616 and BCC Area E RFI-29D_0616 were qualified as estimated (UJ) with reason code MSL and MSDL.

Reporting Limits

The sample from location MW-E04 and RFI-29 D 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 E MW-E04_0616	480-100964-10	SW8270	200
BCC Area E RFI-29 D_0616	480-100964-14	SW8270	10

2.2.3 September Event

LCS

The LCS percent recoveries were less than the QC limit of 50 for benzaldehyde (29) and caprolactam (38) in SDG 480-105843-1, which may indicate low bias. Caprolactam and benzaldehyde in associated samples were not detected and reporting limits are 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 E_MW-E05_0916. The MS and/or MSD percent recoveries for aniline (44/52), benzaldehyde (21/23), benzo(a)pyrene (36/42), benzo(g,h,i)perylene (43/52), benzo(k)fluoranthene (47/58), bis(2-ethylhexyl) phthalate (45/57), caprolactam (32/37), di-n-octyl phthalate (45/51), dibenz(a,h)anthracene (41/57) and indeno(1,2,3-cd)pyrene (43/54) were less than the QC limit of 50. These compounds were not detected in samples BCC_Area E_MW-E05_0916 and BCC_Area

E_MW-E05 D_0916, and reporting limit were qualified as and estimated (UJ) with reason code MSL and/or MSDL.

In addition, the MS and MSD percent recoveries for 3, 3'- dichlorobenzidine (0/0) and N-nitrosodiphenylamine (0/0) were less than the lower QC limit of 10, which indicates no recovery in the matrix. Results for 3,3'-dichlorobenzidine and N-nitrosodiphenylamine in samples BCC_Area E_MW-E05_0916 and BCC_Area E_MW-E05 D_0916 were non-detect and qualified as rejected (R) with reason code MSL and MSDL.

Reporting Limits

The sample from location MW-E04 was analyzed at a dilution. Reporting limits for target compounds in the following sample are elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC_Area E_MW-E04_0916	480-105843-1	SW8270	25

2.2.4 November Event

Blanks

Bis(2-ethylhexyl) phthalate (99.3 µg/L) was detected above the reporting limit in method blank batch 331376. Bis(2-ethylhexyl) phthalate was considered as a common contaminant, and an action limit was established at ten times the reported blank concentration. The bis(2-ethylhexyl) phthalate result for BCC Area E RFI-17 1116 was less than the action limit and qualified as non-detect (U) at the reporting limit with reason code BL1.

LCS

The LCS percent recoveries were less than the QC limit of 50 for aniline (38), benzaldehyde (44), and caprolactam (35) in SDG 480-109269-1, which may indicate low bias. Aniline, benzaldehyde, and caprolactam were not detected in associated samples and reporting limits were 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 E RFI-17 1116. The MS and MSD percent recoveries for caprolactam (39/33) were less than the QC limit of 50, which indicate low bias. Results of caprolactam in samples BCC Area E RFI-17 1116 and BCC BCC Area E RFI-17 D 1116 were qualified as estimated (UJ) with reason code MSL and MSDL.

Reporting Limits

The sample from location MW-E04 was analyzed at a dilution. Reporting limits for target compounds in the following sample are elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC_Area_EMW-E04_1115	480-90489-10	SW8270	20

2.3 METALS

The data were evaluated based on the following parameters:

- * Collection and Preservation
- * Holding Times
- Blanks
- * LCS
- * MS/MSD
- * Field duplicate
- * Reporting Limits
- * Data Completeness
- * Electronic Data Verification
- * - all criteria were met for this parameter.

2.3.1 March Event

No QC issues observed

2.3.2 May Event

No QC issues observed

2.3.3 September Event

No QC issues observed

2.3.4 November Event

Manganese (0.00115 mg/L) was detected below the reporting limit in method blank batch 330624. An action limit was established at ten times the reported blank concentration. Manganese was less than the action limit in associated samples BCC Area E RFI-17 1116 and BCC Area E RFI-17 D 1116 and qualified as non-detect (U) at the reporting limit with reason code BL1.

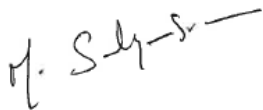
3.0 REFERENCES

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- 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	Test America Laboratories
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound

Data Validator: Sandhyasree



January 23, 2017

Senior Chemist: Chris Ricardi, NRCC-EAC



January 31, 2017

TABLES

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

				Parameter	VOCs	SVOCs	TAL Metals		Mercury	
				Method	SW8260C	SW8270D	SW6010C		SW7470A	
SDG	Field Sample ID	Location ID	Type	Date			Total	Dissolved	Total	Dissolved
480-96750-1	BCC Area E MW-E03_0316	MW-E03	REG	3/15/2016	48	66	22		1	
480-96750-1	BCC Area E MW-E04_0316	MW-E04	REG	3/16/2016	48	66	22		1	
480-96750-1	BCC Area E MW-E05_0316	MW-E05	REG	3/16/2016	48	66	22		1	
480-96750-1	BCC Area E MW-E06_0316	MW-E06	REG	3/16/2016	48	66	22		1	
480-96750-1	BCC Area E MW-E06F_0316	MW-E06	REG	3/16/2016				22		1
480-96750-1	BCC Area E MW-E07_0316	MW-E07	REG	3/16/2016	48	66	22		1	
480-96750-1	BCC Area E MW-E07F_0316	MW-E07	REG	3/16/2016				22		1
480-96750-1	BCC Area E R-10_0316	R-10	REG	3/15/2016	48	66	22		1	
480-96750-1	BCC Area E R-11_0316	R-11	REG	3/15/2016	48	66	22		1	
480-96750-1	BCC Area E RFI-17_0316	RFI-17	REG	3/16/2016	48	66	22		1	
480-96750-1	BCC Area E RFI-29_0316	RFI-29	REG	3/16/2016	48	66	22		1	
480-96750-1	BCC Area E RFI-32_0316	RFI-32	REG	3/15/2016	48	66	22		1	
480-96750-1	BCC Area E RFI-32 D_0316	RFI-32	FD	3/15/2016	48	66	22		1	
480-96750-1	BCC Area E RFI-33_0316	RFI-33	REG	3/16/2016	48	66	22		1	
480-96750-1	BCC Area E RFI-51_0316	RFI-51	REG	3/17/2016	48	66	22		1	
480-96750-1	BCC Area E RFI-PZ-16_0316	RFI-PZ-16	REG	3/16/2016	48	66	22		1	
480-96750-1	TRIP BLANK_031516	QC	TB	3/16/2016	48					
480-100964-1	BCC Area E MW-E03_0616	MW-E03	REG	5/31/2016	48	66	22		1	
480-100964-1	BCC Area E MW-E04_0616	MW-E04	REG	5/31/2016	48	66	22		1	
480-100964-1	BCC Area E MW-E05_0616	MW-E05	REG	5/31/2016	48	66	22		1	
480-100964-1	BCC Area E MW-E06_0616	MW-E06	REG	5/31/2016	48	66	22		1	
480-100964-1	BCC Area E MW-E07_0616	MW-E07	REG	5/31/2016	48	66	22		1	
480-100964-1	BCC Area E R-10_0616	R-10	REG	5/31/2016	48	66	22		1	
480-100964-1	BCC Area E R-11_0616	R-11	REG	5/31/2016	48	66	22		1	
480-100964-1	BCC Area E RFI-17_0616	RFI-17	REG	5/31/2016	48	66	22		1	
480-100964-1	BCC Area E RFI-29 D_0616	RFI-29	FD	5/31/2016	48	66	22		1	
480-100964-1	BCC Area E RFI-29_0616	RFI-29	REG	5/31/2016	48	66	22		1	
480-100964-1	BCC Area E RFI-32_0616	RFI-32	REG	5/31/2016	48	66	22		1	
480-100964-1	BCC Area E RFI-33_0616	RFI-33	REG	5/31/2016	48	66	22		1	
480-100964-1	BCC Area E RFI-51_0616	RFI-51	REG	5/31/2016	48	66	22		1	
480-100964-1	BCC Area E RFI-PZ-16_0616	RFI-PZ-16	REG	5/31/2016	48	66	22		1	
480-100964-1	TRIP BLANK_053116	QC	TB	5/31/2016	48					

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

				Parameter	VOCs	SVOCs	TAL Metals		Mercury	
				Method	SW8260C	SW8270D	SW6010C		SW7470A	
SDG	Field Sample ID	Location ID	Type	Date			Total	Dissolved	Total	Dissolved
480-105843-1	BCC_Area E_MW-E03_0916	MW-E03	REG	9/12/2016	48	66	22		1	
480-105843-1	BCC_Area E_MW-E04_0916	MW-E04	REG	9/12/2016	48	66	22		1	
480-105843-1	BCC_Area E_MW-E05 D_0916	MW-E05	FD	9/12/2016	48	66	22		1	
480-105843-1	BCC_Area E_MW-E05_0916	MW-E05	REG	9/12/2016	48	66	22		1	
480-105843-1	BCC_Area E_MW-E06_0916	MW-E06	REG	9/12/2016	48	66	22		1	
480-105843-1	BCC_Area E_MW-E07_0916	MW-E07	REG	9/12/2016	48	66	22		1	
480-105843-1	BCC_Area E_R-10_0916	R-10	REG	9/12/2016	48	66	22		1	
480-105843-1	BCC_Area E_R-11_0916	R-11	REG	9/12/2016	48	66	22		1	
480-105843-1	BCC_Area E_RFI-17_0916	RFI-17	REG	9/12/2016	48	66	22		1	
480-105843-1	BCC_Area E_RFI-29_0916	RFI-29	REG	9/12/2016	48	66	22		1	
480-105843-1	BCC_Area E_RFI-32_0916	RFI-32	REG	9/12/2016	48	66	22		1	
480-105843-1	BCC_Area E_RFI-33_0916	RFI-33	REG	9/12/2016	48	66	22		1	
480-105843-1	BCC_Area E_RFI-51_0916	RFI-51	REG	9/12/2016	48	66	22		1	
480-105843-1	Trip Blank_091316	QC	TB	9/12/2016	48					
480-109269-1	BCC Area E MW-E03 1116	MW-E03	REG	11/7/2016	48	66	22		1	
480-109269-1	BCC Area E MW-E04 1116	MW-E04	REG	11/7/2016	48	66	22		1	
480-109269-1	BCC Area E MW-E05 1116	MW-E05	REG	11/7/2016	48	66	22		1	
480-109269-1	BCC Area E MW-E06 1116	MW-E06	REG	11/7/2016	48	66	22		1	
480-109269-1	BCC Area E MW-E07 1116	MW-E07	REG	11/7/2016	48	66	22		1	
480-109269-1	BCC Area E R-10 1116	R-10	REG	11/7/2016	48	66	22		1	
480-109269-1	BCC Area E R-11 1116	R-11	REG	11/7/2016	48	66	22		1	
480-109269-1	BCC Area E RFI-17 1116	RFI-17	REG	11/7/2016	48	66	22		1	
480-109269-1	BCC Area E RFI-17 D 1116	RFI-17	FD	11/7/2016	48	66	22		1	
480-109269-1	BCC Area E RFI-29 1116	RFI-29	REG	11/7/2016	48	66	22		1	
480-109269-1	BCC Area E RFI-32 1116	RFI-32	REG	11/7/2016	48	66	22		1	
480-109269-1	BCC Area E RFI-33 1116	RFI-33	REG	11/7/2016	48	66	22		1	
480-109269-1	BCC Area E RFI-51 1116	RFI-51	REG	11/7/2016	48	66	22		1	
480-109269-1	BCC Area E RFI-PZ-16 1116	RFI-PZ-16	REG	11/7/2016	48	66	22		1	
480-109269-1	TRIP BLANK_110816	QC	TB	11/7/2016	48					

Notes

REG: Regular sample

FD:Field duplicate

TB:Trip blank

TABLE 2
PROJECT PRECISION AND ACCURACY GOALS
DATA VALIDATION SUMMARY REPORT
2016 AREA E GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
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	30
	Lab Duplicate	All Target Analytes		30
	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 QA/QC Objectives

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

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area E RFI-32_0616	REG	480-100964-1	SW8260	Chlorobenzene	1700	F1	UJ	MSL,MSDL	µg/L
BCC Area E MW-E05_0616	REG	480-100964-1	SW8270	Benzaldehyde	0.26	J,*	J	LCSH	µg/L
BCC Area E MW-E06_0616	REG	480-100964-1	SW8270	Benzaldehyde	0.27	J,*	J	LCSH	µg/L
BCC Area E R-10_0616	REG	480-100964-1	SW8270	Benzaldehyde	0.28	J,*	J	LCSH	µg/L
BCC Area E R-11_0616	REG	480-100964-1	SW8270	Benzaldehyde	0.29	J,*	J	LCSH	µg/L
BCC Area E RFI-17_0616	REG	480-100964-1	SW8270	Benzaldehyde	0.34	J,*	J	LCSH	µg/L
BCC Area E RFI-32_0616	REG	480-100964-1	SW8270	Benzaldehyde	0.28	J,*	J	LCSH	µg/L
BCC Area E RFI-33_0616	REG	480-100964-1	SW8270	Benzaldehyde	0.37	J,*	J	LCSH	µg/L
BCC Area E MW-E03_0616	REG	480-100964-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area E MW-E04_0616	REG	480-100964-1	SW8270	Caprolactam	940	U	UJ	LCSL	µg/L
BCC Area E MW-E05_0616	REG	480-100964-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area E MW-E06_0616	REG	480-100964-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area E MW-E07_0616	REG	480-100964-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area E R-10_0616	REG	480-100964-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area E R-11_0616	REG	480-100964-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area E RFI-17_0616	REG	480-100964-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area E RFI-29 D_0616	FD	480-100964-1	SW8270	Caprolactam	47	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area E RFI-29_0616	REG	480-100964-1	SW8270	Caprolactam	4.7	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area E RFI-32_0616	REG	480-100964-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area E RFI-33_0616	REG	480-100964-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area E RFI-51_0616	REG	480-100964-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area E RFI-PZ-16_0616	REG	480-100964-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC_Area E_MW-E05_0916	REG	480-105843-1	SW8260	Acetone	3.1	J	J	LCSH	µg/L
BCC_Area E_MW-E05 D_0916	FD	480-105843-1	SW8260	Dichlorodifluoromethane	1.0	U	UJ	LCSL,MSL,MSDL	µg/L
BCC_Area E_MW-E05_0916	REG	480-105843-1	SW8260	Dichlorodifluoromethane	1.0	U	UJ	LCSL,MSL,MSDL	µg/L
BCC_Area E_MW-E05 D_0916	FD	480-105843-1	SW8270	3,3'-Dichlorobenzidine	4.7	U	R	MSL,MSDL	µg/L
BCC_Area E_MW-E05_0916	REG	480-105843-1	SW8270	3,3'-Dichlorobenzidine	4.7	U,F2,F1	R	MSL,MSDL	µg/L
BCC_Area E_MW-E05 D_0916	FD	480-105843-1	SW8270	Aniline	9.3	U	UJ	MSL	µg/L
BCC_Area E_MW-E05_0916	REG	480-105843-1	SW8270	Aniline	9.3	U	UJ	MSL	µg/L
BCC_Area E_MW-E03_0916	REG	480-105843-1	SW8270	Benzaldehyde	4.7	U,*	UJ	LCSL	µg/L
BCC_Area E_MW-E04_0916	REG	480-105843-1	SW8270	Benzaldehyde	120	U,*	UJ	LCSL	µg/L
BCC_Area E_MW-E05 D_0916	FD	480-105843-1	SW8270	Benzaldehyde	4.7	U,*	UJ	LCSL,MSL,MSDL	µg/L
BCC_Area E_MW-E05_0916	REG	480-105843-1	SW8270	Benzaldehyde	4.7	U,F1,*	UJ	LCSL,MSL,MSDL	µg/L
BCC_Area E_MW-E06_0916	REG	480-105843-1	SW8270	Benzaldehyde	4.6	U,*	UJ	LCSL	µg/L
BCC_Area E_MW-E07_0916	REG	480-105843-1	SW8270	Benzaldehyde	4.6	U,*	UJ	LCSL	µg/L
BCC_Area E_R-10_0916	REG	480-105843-1	SW8270	Benzaldehyde	4.9	U,*	UJ	LCSL	µg/L

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

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC_Area E_R-11_0916	REG	480-105843-1	SW8270	Benzaldehyde	4.7	U,*	UJ	LCSL	µg/L
BCC_Area E_RFI-17_0916	REG	480-105843-1	SW8270	Benzaldehyde	4.7	U,*	UJ	LCSL	µg/L
BCC_Area E_RFI-29_0916	REG	480-105843-1	SW8270	Benzaldehyde	4.7	U,*	UJ	LCSL	µg/L
BCC_Area E_RFI-32_0916	REG	480-105843-1	SW8270	Benzaldehyde	4.8	U,*	UJ	LCSL	µg/L
BCC_Area E_RFI-33_0916	REG	480-105843-1	SW8270	Benzaldehyde	4.7	U,*	UJ	LCSL	µg/L
BCC_Area E_RFI-51_0916	REG	480-105843-1	SW8270	Benzaldehyde	4.9	U,*	UJ	LCSL	µg/L
BCC_Area E_MW-E05 D_0916	FD	480-105843-1	SW8270	Benzo(a)pyrene	4.7	U	UJ	MSL,MSDL	µg/L
BCC_Area E_MW-E05_0916	REG	480-105843-1	SW8270	Benzo(a)pyrene	4.7	U,F2,F1	UJ	MSL,MSDL	µg/L
BCC_Area E_MW-E05 D_0916	FD	480-105843-1	SW8270	Benzo(g,h,i)perylene	4.7	U	UJ	MSL	µg/L
BCC_Area E_MW-E05_0916	REG	480-105843-1	SW8270	Benzo(g,h,i)perylene	4.7	U,F2,F1	UJ	MSL	µg/L
BCC_Area E_MW-E05 D_0916	FD	480-105843-1	SW8270	Benzo(k)fluoranthene	4.7	U	UJ	MSL	µg/L
BCC_Area E_MW-E05_0916	REG	480-105843-1	SW8270	Benzo(k)fluoranthene	4.7	U,F1	UJ	MSL	µg/L
BCC_Area E_MW-E05 D_0916	FD	480-105843-1	SW8270	Bis(2-ethylhexyl) phthalate	4.7	U	UJ	MSL	µg/L
BCC_Area E_MW-E05_0916	REG	480-105843-1	SW8270	Bis(2-ethylhexyl) phthalate	4.7	U,F2,F1	UJ	MSL	µg/L
BCC_Area E_MW-E03_0916	REG	480-105843-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC_Area E_MW-E04_0916	REG	480-105843-1	SW8270	Caprolactam	120	U	UJ	LCSL	µg/L
BCC_Area E_MW-E05 D_0916	FD	480-105843-1	SW8270	Caprolactam	4.7	U	UJ	LCSL,MSL,MSDL	µg/L
BCC_Area E_MW-E05_0916	REG	480-105843-1	SW8270	Caprolactam	4.7	U	UJ	LCSL,MSL,MSDL	µg/L
BCC_Area E_MW-E06_0916	REG	480-105843-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC_Area E_MW-E07_0916	REG	480-105843-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC_Area E_R-10_0916	REG	480-105843-1	SW8270	Caprolactam	4.9	U	UJ	LCSL	µg/L
BCC_Area E_R-11_0916	REG	480-105843-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC_Area E_RFI-17_0916	REG	480-105843-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC_Area E_RFI-29_0916	REG	480-105843-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC_Area E_RFI-32_0916	REG	480-105843-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BCC_Area E_RFI-33_0916	REG	480-105843-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC_Area E_RFI-51_0916	REG	480-105843-1	SW8270	Caprolactam	4.9	U	UJ	LCSL	µg/L
BCC_Area E_MW-E05 D_0916	FD	480-105843-1	SW8270	Dibenz(a,h)anthracene	4.7	U	UJ	MSL	µg/L
BCC_Area E_MW-E05_0916	REG	480-105843-1	SW8270	Dibenz(a,h)anthracene	4.7	U,F2,F1	UJ	MSL	µg/L
BCC_Area E_MW-E05 D_0916	FD	480-105843-1	SW8270	Di-n-octyl phthalate	4.7	U	UJ	MSL	µg/L
BCC_Area E_MW-E05_0916	REG	480-105843-1	SW8270	Di-n-octyl phthalate	4.7	U,F2,F1	UJ	MSL	µg/L
BCC_Area E_MW-E05 D_0916	FD	480-105843-1	SW8270	Indeno(1,2,3-cd)pyrene	4.7	U	UJ	MSL	µg/L
BCC_Area E_MW-E05_0916	REG	480-105843-1	SW8270	Indeno(1,2,3-cd)pyrene	4.7	U,F2,F1	UJ	MSL	µg/L
BCC_Area E_MW-E05 D_0916	FD	480-105843-1	SW8270	N-Nitrosodiphenylamine	4.7	U	R	MSL,MSDL	µg/L
BCC_Area E_MW-E05_0916	REG	480-105843-1	SW8270	N-Nitrosodiphenylamine	4.7	U,F1	R	MSL,MSDL	µg/L
BCC Area E_RFI-17 1116	REG	480-109269-1	SW6010	Manganese	0.0049	B	U	BL1	mg/L

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

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area E RFI-17 D 1116	FD	480-109269-1	SW6010	Manganese	0.005	B	U	BL1	mg/L
BCC Area E MW-E03 1116	REG	480-109269-1	SW8270	Aniline	9.3	U	UJ	LCSL	µg/L
BCC Area E MW-E04 1116	REG	480-109269-1	SW8270	Aniline	9.2	U	UJ	LCSL	µg/L
BCC Area E MW-E05 1116	REG	480-109269-1	SW8270	Aniline	9.2	U	UJ	LCSL	µg/L
BCC Area E MW-E06 1116	REG	480-109269-1	SW8270	Aniline	9.3	U	UJ	LCSL	µg/L
BCC Area E MW-E07 1116	REG	480-109269-1	SW8270	Aniline	9.1	U	UJ	LCSL	µg/L
BCC Area E R-11 1116	REG	480-109269-1	SW8270	Aniline	9.3	U	UJ	LCSL	µg/L
BCC Area E RFI-17 D 1116	FD	480-109269-1	SW8270	Aniline	9.3	U	UJ	LCSL	µg/L
BCC Area E RFI-29 1116	REG	480-109269-1	SW8270	Aniline	9.2	U	UJ	LCSL	µg/L
BCC Area E RFI-32 1116	REG	480-109269-1	SW8270	Aniline	9.2	U	UJ	LCSL	µg/L
BCC Area E RFI-33 1116	REG	480-109269-1	SW8270	Aniline	9.1	U	UJ	LCSL	µg/L
BCC Area E RFI-51 1116	REG	480-109269-1	SW8270	Aniline	9.3	U	UJ	LCSL	µg/L
BCC Area E RFI-PZ-16 1116	REG	480-109269-1	SW8270	Aniline	9.3	U	UJ	LCSL	µg/L
BCC Area E MW-E03 1116	REG	480-109269-1	SW8270	Benzaldehyde	4.6	U	UJ	LCSL	µg/L
BCC Area E MW-E04 1116	REG	480-109269-1	SW8270	Benzaldehyde	4.6	U	UJ	LCSL	µg/L
BCC Area E MW-E05 1116	REG	480-109269-1	SW8270	Benzaldehyde	4.6	U	UJ	LCSL	µg/L
BCC Area E MW-E06 1116	REG	480-109269-1	SW8270	Benzaldehyde	4.7	U	UJ	LCSL	µg/L
BCC Area E MW-E07 1116	REG	480-109269-1	SW8270	Benzaldehyde	4.6	U	UJ	LCSL	µg/L
BCC Area E R-11 1116	REG	480-109269-1	SW8270	Benzaldehyde	4.6	U	UJ	LCSL	µg/L
BCC Area E RFI-17 D 1116	FD	480-109269-1	SW8270	Benzaldehyde	4.6	U	UJ	LCSL	µg/L
BCC Area E RFI-29 1116	REG	480-109269-1	SW8270	Benzaldehyde	4.6	U	UJ	LCSL	µg/L
BCC Area E RFI-32 1116	REG	480-109269-1	SW8270	Benzaldehyde	4.6	U	UJ	LCSL	µg/L
BCC Area E RFI-33 1116	REG	480-109269-1	SW8270	Benzaldehyde	4.6	U	UJ	LCSL	µg/L
BCC Area E RFI-51 1116	REG	480-109269-1	SW8270	Benzaldehyde	4.6	U	UJ	LCSL	µg/L
BCC Area E RFI-PZ-16 1116	REG	480-109269-1	SW8270	Benzaldehyde	4.7	U	UJ	LCSL	µg/L
BCC Area E RFI-17 1116	REG	480-109269-1	SW8270	Bis(2-ethylhexyl) phthalate	4.7	J,B,*	U	BL1	µg/L
BCC Area E MW-E03 1116	REG	480-109269-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area E MW-E04 1116	REG	480-109269-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area E MW-E05 1116	REG	480-109269-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area E MW-E06 1116	REG	480-109269-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area E MW-E07 1116	REG	480-109269-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area E R-10 1116	REG	480-109269-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area E R-11 1116	REG	480-109269-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area E RFI-17 1116	REG	480-109269-1	SW8270	Caprolactam	4.7	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area E RFI-17 D 1116	FD	480-109269-1	SW8270	Caprolactam	4.6	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area E RFI-29 1116	REG	480-109269-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L

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

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area E RFI-32 1116	REG	480-109269-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area E RFI-33 1116	REG	480-109269-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area E RFI-51 1116	REG	480-109269-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area E RFI-PZ-16 1116	REG	480-109269-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area E RFI-32 D_0316	FD	480-96750-1	SW8260	Acetone	10	J	J	MSH,MSDH	µg/L
BCC Area E R-10_0316	REG	480-96750-1	SW8260	Tetrachloroethene	1.0	J	U	BL3	µg/L
BCC Area E R-10_0316	REG	480-96750-1	SW8270	3,3'-Dichlorobenzidine	4.7	U,F1	R	MSL,MSDL	µg/L
BCC Area E RFI-32 D_0316	FD	480-96750-1	SW8270	3,3'-Dichlorobenzidine	47	U	UJ	MSL,MSDL	µg/L
BCC Area E RFI-32_0316	REG	480-96750-1	SW8270	3,3'-Dichlorobenzidine	4.7	U,F2,F1	UJ	MSL,MSDL	µg/L
BCC Area E R-10_0316	REG	480-96750-1	SW8270	4-Chloroaniline	4.7	U,F1	UJ	MSL,MSDL	µg/L
BCC Area E MW-E03_0316	REG	480-96750-1	SW8270	Aniline	9.3	U	UJ	LCSL	µg/L
BCC Area E MW-E04_0316	REG	480-96750-1	SW8270	Aniline	180	U	UJ	LCSL	µg/L
BCC Area E MW-E05_0316	REG	480-96750-1	SW8270	Aniline	9.6	U	UJ	LCSL	µg/L
BCC Area E MW-E06_0316	REG	480-96750-1	SW8270	Aniline	9.4	U	UJ	LCSL	µg/L
BCC Area E MW-E07_0316	REG	480-96750-1	SW8270	Aniline	9.3	U	UJ	LCSL	µg/L
BCC Area E R-10_0316	REG	480-96750-1	SW8270	Aniline	9.3	U	UJ	LCSL,MSDL	µg/L

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

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area E R-11_0316	REG	480-96750-1	SW8270	Aniline	9.3	U	UJ	LCSL	µg/L
BCC Area E RFI-17_0316	REG	480-96750-1	SW8270	Aniline	9.4	U	UJ	LCSL	µg/L
BCC Area E RFI-29_0316	REG	480-96750-1	SW8270	Aniline	9.3	U	UJ	LCSL	µg/L
BCC Area E RFI-32 D_0316	FD	480-96750-1	SW8270	Aniline	93	U	UJ	LCSL,MSL	µg/L
BCC Area E RFI-32_0316	REG	480-96750-1	SW8270	Aniline	9.4	U	UJ	LCSL,MSL	µg/L
BCC Area E RFI-33_0316	REG	480-96750-1	SW8270	Aniline	9.4	U	UJ	LCSL	µg/L
BCC Area E RFI-51_0316	REG	480-96750-1	SW8270	Aniline	9.5	U	UJ	LCSL	µg/L
BCC Area E RFI-PZ-16_0316	REG	480-96750-1	SW8270	Aniline	9.4	U	UJ	LCSL	µg/L
BCC Area E MW-E03_0316	REG	480-96750-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area E MW-E04_0316	REG	480-96750-1	SW8270	Caprolactam	92	U	UJ	LCSL	µg/L
BCC Area E MW-E05_0316	REG	480-96750-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BCC Area E MW-E06_0316	REG	480-96750-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area E MW-E07_0316	REG	480-96750-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area E R-10_0316	REG	480-96750-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area E R-11_0316	REG	480-96750-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area E RFI-17_0316	REG	480-96750-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area E RFI-29_0316	REG	480-96750-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area E RFI-32 D_0316	FD	480-96750-1	SW8270	Caprolactam	47	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area E RFI-32_0316	REG	480-96750-1	SW8270	Caprolactam	4.7	U,F1	UJ	LCSL,MSL,MSDL	µg/L
BCC Area E RFI-33_0316	REG	480-96750-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area E RFI-51_0316	REG	480-96750-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area E RFI-PZ-16_0316	REG	480-96750-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L

BL1= Result qualified due to laboratory blank

BL3= Result qualified due to field and equipment blank

J= Estimated

LCSH= LCS recovery greater than the lower limit

LCSL= LCS recovery less than the lower limit

MSDH= Matrix spike duplicate recovery greater than the upper limit

MSDL= Matrix spike duplicate recovery less than the lower limit

MSH= Matrix spike recovery greater than the upper limit

MSL= Matrix spike recovery less than the lower limit

Notes:

R= Rejected

U= Undetected

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E03_0316 MW-E03 03/15/2016 480-97650-1	BCC Area E MW-E04_0316 MW-E04 03/16/2016 480-97650-1	BCC Area E MW-E05_0316 MW-E05 03/16/2016 480-97650-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.20 U	1.1	0.11 J
mg/L	SW6010	Antimony	0.020 U	0.034	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.011 J	0.0056 J
mg/L	SW6010	Barium	0.053	0.058	0.022
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.00082 J	0.010
mg/L	SW6010	Calcium	176	142	122
mg/L	SW6010	Chromium	0.0040 U	0.0025 J	0.0040 U
mg/L	SW6010	Cobalt	0.0040 U	0.0015 J	0.0047
mg/L	SW6010	Copper	0.0031 J	0.012	0.10
mg/L	SW6010	Iron	0.86	1.0	0.24
mg/L	SW6010	Lead	0.0033 J	0.0047 J	0.029
mg/L	SW6010	Magnesium	21.9	32.8	13.5
mg/L	SW6010	Manganese	0.053	0.37	0.17
mg/L	SW6010	Nickel	0.0031 J	0.0076 J	0.015
mg/L	SW6010	Potassium	6.2	6.4	4.9
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.038
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	27.5	11.6	58.7
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0022 J	0.0050 U
mg/L	SW6010	Zinc	0.015	0.15	3.4
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.1	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E03_0316 MW-E03 03/15/2016 480-97650-1	BCC Area E MW-E04_0316 MW-E04 03/16/2016 480-97650-1	BCC Area E MW-E05_0316 MW-E05 03/16/2016 480-97650-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.1
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	0.74 J	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.7 U	92 U	4.8 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E03_0316 MW-E03 03/15/2016 480-97650-1	BCC Area E MW-E04_0316 MW-E04 03/16/2016 480-97650-1	BCC Area E MW-E05_0316 MW-E05 03/16/2016 480-97650-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	4.7 U	92 U	4.8 U
µg/L	SW8270	2,4-Dichlorophenol	4.7 U	92 U	4.8 U
µg/L	SW8270	2,4-Dimethylphenol	4.7 U	92 U	4.8 U
µg/L	SW8270	2,4-Dinitrophenol	9.3 U	180 U	9.6 U
µg/L	SW8270	2,4-Dinitrotoluene	4.7 U	3700	4.8 U
µg/L	SW8270	2,6-Dinitrotoluene	0.85 J	5500	0.74 J
µg/L	SW8270	2-Chloronaphthalene	4.7 U	92 U	4.8 U
µg/L	SW8270	2-Chlorophenol	4.7 U	92 U	4.8 U
µg/L	SW8270	2-Methylnaphthalene	4.7 U	92 U	4.8 U
µg/L	SW8270	2-Methylphenol	4.7 U	92 U	4.8 U
µg/L	SW8270	2-Nitroaniline	9.3 U	180 U	9.6 U
µg/L	SW8270	2-Nitrophenol	4.7 U	92 U	4.8 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.7 U	92 U	4.8 U
µg/L	SW8270	3-Nitroaniline	9.3 U	18 J	9.6 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.3 U	180 U	9.6 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.7 U	92 U	4.8 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.7 U	92 U	4.8 U
µg/L	SW8270	4-Chloroaniline	4.7 U	92 U	4.8 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.7 U	92 U	4.8 U
µg/L	SW8270	4-Methylphenol	9.3 U	180 U	9.6 U
µg/L	SW8270	4-Nitroaniline	9.3 U	180 U	9.6 U
µg/L	SW8270	4-Nitrophenol	9.3 U	180 U	9.6 U
µg/L	SW8270	Acenaphthene	4.7 U	92 U	4.8 U
µg/L	SW8270	Acenaphthylene	4.7 U	92 U	4.8 U
µg/L	SW8270	Acetophenone	4.7 U	92 U	4.8 U
µg/L	SW8270	Aniline	9.3 UJ	180 UJ	9.6 UJ
µg/L	SW8270	Anthracene	4.7 U	92 U	4.8 U
µg/L	SW8270	Atrazine	4.7 U	92 U	4.8 U
µg/L	SW8270	Benzaldehyde	4.7 U	92 U	4.8 U
µg/L	SW8270	Benzo(a)anthracene	4.7 U	92 U	4.8 U
µg/L	SW8270	Benzo(a)pyrene	4.7 U	92 U	4.8 U
µg/L	SW8270	Benzo(b)fluoranthene	4.7 U	92 U	4.8 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.7 U	92 U	4.8 U
µg/L	SW8270	Benzo(k)fluoranthene	4.7 U	92 U	4.8 U
µg/L	SW8270	Biphenyl	4.7 U	92 U	4.8 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.7 U	92 U	4.8 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E03_0316 MW-E03 03/15/2016 480-97650-1	BCC Area E MW-E04_0316 MW-E04 03/16/2016 480-97650-1	BCC Area E MW-E05_0316 MW-E05 03/16/2016 480-97650-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.7 U	92 U	4.8 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.7 U	92 U	4.8 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.7 U	92 U	4.8 U
µg/L	SW8270	Butyl benzyl phthalate	4.7 U	92 U	4.8 U
µg/L	SW8270	Caprolactam	4.7 UJ	92 UJ	4.8 UJ
µg/L	SW8270	Carbazole	4.7 U	92 U	4.8 U
µg/L	SW8270	Chrysene	4.7 U	92 U	4.8 U
µg/L	SW8270	Di-n-butyl phthalate	4.7 U	92 U	4.8 U
µg/L	SW8270	Di-n-octyl phthalate	4.7 U	92 U	4.8 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.7 U	92 U	4.8 U
µg/L	SW8270	Dibenzofuran	9.3 U	180 U	9.6 U
µg/L	SW8270	Diethyl phthalate	4.7 U	92 U	4.8 U
µg/L	SW8270	Dimethyl phthalate	4.7 U	92 U	4.8 U
µg/L	SW8270	Fluoranthene	4.7 U	92 U	4.8 U
µg/L	SW8270	Fluorene	4.7 U	92 U	4.8 U
µg/L	SW8270	Hexachlorobenzene	4.7 U	92 U	4.8 U
µg/L	SW8270	Hexachlorobutadiene	4.7 U	92 U	4.8 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.7 U	92 U	4.8 U
µg/L	SW8270	Hexachloroethane	4.7 U	92 U	4.8 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.7 U	92 U	4.8 U
µg/L	SW8270	Isophorone	4.7 U	92 U	4.8 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.7 U	92 U	4.8 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.7 U	92 U	4.8 U
µg/L	SW8270	Naphthalene	4.7 U	92 U	4.8 U
µg/L	SW8270	Nitrobenzene	4.7 U	12 J	4.8 U
µg/L	SW8270	Pentachlorophenol	9.3 U	180 U	9.6 U
µg/L	SW8270	Phenanthrene	4.7 U	92 U	4.8 U
µg/L	SW8270	Phenol	4.7 U	92 U	4.8 U
µg/L	SW8270	Pyrene	4.7 U	92 U	4.8 U

Notes

U = undetected

J = estimated value

R= rejected

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E06_0316 MW-E06 03/16/2016 480-97650-1	BCC Area E MW-E07_0316 MW-E07 03/16/2016 480-97650-1	BCC Area E R-10_0316 R-10 03/15/2016 480-97650-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.20 U	0.20 U	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.038	0.18	0.015 U
mg/L	SW6010	Barium	0.023	0.012	0.15
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Calcium	280	159	96.8
mg/L	SW6010	Chromium	0.0012 J	0.0040 U	0.0040 U
mg/L	SW6010	Cobalt	0.014	0.0036 J	0.0040 U
mg/L	SW6010	Copper	0.0040 J	0.010 U	0.010 U
mg/L	SW6010	Iron	101	73.4	12.0
mg/L	SW6010	Lead	0.0070 J	0.0079 J	0.010 U
mg/L	SW6010	Magnesium	18.2	16.3	44.8
mg/L	SW6010	Manganese	1.1	0.30	0.15
mg/L	SW6010	Nickel	0.017	0.0043 J	0.010 U
mg/L	SW6010	Potassium	4.2	9.0	4.8
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	34.1	17.0	169
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	1.3	0.075	0.010
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E06_0316 MW-E06 03/16/2016 480-97650-1	BCC Area E MW-E07_0316 MW-E07 03/16/2016 480-97650-1	BCC Area E R-10_0316 R-10 03/15/2016 480-97650-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	0.83 J
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.7 U	4.6 U	4.7 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E06_0316 MW-E06 03/16/2016 480-97650-1	BCC Area E MW-E07_0316 MW-E07 03/16/2016 480-97650-1	BCC Area E R-10_0316 R-10 03/15/2016 480-97650-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	4.7 U	4.6 U	4.7 U
µg/L	SW8270	2,4-Dichlorophenol	4.7 U	4.6 U	4.7 U
µg/L	SW8270	2,4-Dimethylphenol	4.7 U	4.6 U	4.7 U
µg/L	SW8270	2,4-Dinitrophenol	9.4 U	9.3 U	9.3 U
µg/L	SW8270	2,4-Dinitrotoluene	0.79 J	4.6 U	4.7 U
µg/L	SW8270	2,6-Dinitrotoluene	0.92 J	4.6 U	4.7 U
µg/L	SW8270	2-Chloronaphthalene	4.7 U	4.6 U	4.7 U
µg/L	SW8270	2-Chlorophenol	4.7 U	4.6 U	4.7 U
µg/L	SW8270	2-Methylnaphthalene	4.7 U	4.6 U	4.7 U
µg/L	SW8270	2-Methylphenol	4.7 U	4.6 U	4.7 U
µg/L	SW8270	2-Nitroaniline	9.4 U	9.3 U	9.3 U
µg/L	SW8270	2-Nitrophenol	4.7 U	4.6 U	4.7 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.7 U	4.6 U	4.7 R
µg/L	SW8270	3-Nitroaniline	9.4 U	9.3 U	9.3 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.4 U	9.3 U	9.3 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.7 U	4.6 U	4.7 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.7 U	4.6 U	4.7 U
µg/L	SW8270	4-Chloroaniline	4.7 U	4.6 U	4.7 UJ
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.7 U	4.6 U	4.7 U
µg/L	SW8270	4-Methylphenol	9.4 U	9.3 U	9.3 U
µg/L	SW8270	4-Nitroaniline	9.4 U	9.3 U	9.3 U
µg/L	SW8270	4-Nitrophenol	9.4 U	9.3 U	9.3 U
µg/L	SW8270	Acenaphthene	4.7 U	33	4.7 U
µg/L	SW8270	Acenaphthylene	4.7 U	0.64 J	4.7 U
µg/L	SW8270	Acetophenone	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Aniline	9.4 UJ	9.3 UJ	9.3 UJ
µg/L	SW8270	Anthracene	4.7 U	2.3 J	4.7 U
µg/L	SW8270	Atrazine	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Benzaldehyde	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Benzo(a)anthracene	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Benzo(a)pyrene	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Benzo(b)fluoranthene	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Benzo(k)fluoranthene	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Biphenyl	4.7 U	1.1 J	4.7 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.7 U	4.6 U	4.7 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E06_0316 MW-E06 03/16/2016 480-97650-1	BCC Area E MW-E07_0316 MW-E07 03/16/2016 480-97650-1	BCC Area E R-10_0316 R-10 03/15/2016 480-97650-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Butyl benzyl phthalate	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Caprolactam	4.7 UJ	4.6 UJ	4.7 UJ
µg/L	SW8270	Carbazole	4.7 U	2.7 J	4.7 U
µg/L	SW8270	Chrysene	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Di-n-butyl phthalate	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Di-n-octyl phthalate	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Dibenzofuran	9.4 U	8.3 J	9.3 U
µg/L	SW8270	Diethyl phthalate	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Dimethyl phthalate	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Fluoranthene	4.7 U	3.0 J	4.7 U
µg/L	SW8270	Fluorene	4.7 U	16	4.7 U
µg/L	SW8270	Hexachlorobenzene	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Hexachlorobutadiene	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Hexachloroethane	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Isophorone	4.7 U	4.6 U	4.7 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.7 U	4.6 U	4.7 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Naphthalene	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Nitrobenzene	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Pentachlorophenol	9.4 U	9.3 U	9.3 U
µg/L	SW8270	Phenanthrene	4.7 U	3.4 J	4.7 U
µg/L	SW8270	Phenol	4.7 U	4.6 U	4.7 U
µg/L	SW8270	Pyrene	4.7 U	1.8 J	4.7 U

Notes

U = undetected

J = estimated value

R= rejected

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E R-11_0316 R-11 03/15/2016 480-97650-1	BCC Area E RFI-17_0316 RFI-17 03/16/2016 480-97650-1	BCC Area E RFI-29_0316 RFI-29 03/16/2016 480-97650-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.20 U	0.20 U	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.015 U	0.0090 J
mg/L	SW6010	Barium	0.082	0.030	0.10
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Calcium	49.3	206	62.1
mg/L	SW6010	Chromium	0.0040 U	0.0019 J	0.0040 U
mg/L	SW6010	Cobalt	0.0040 U	0.0040 U	0.0040 U
mg/L	SW6010	Copper	0.010 U	0.010 U	0.010 U
mg/L	SW6010	Iron	2.4	0.037 J	0.055
mg/L	SW6010	Lead	0.010 U	0.010 U	0.0030 J
mg/L	SW6010	Magnesium	37.8	31.9	11.1
mg/L	SW6010	Manganese	0.0059	0.0026 J	0.069
mg/L	SW6010	Nickel	0.010 U	0.0020 J	0.010 U
mg/L	SW6010	Potassium	8.6	1.6	3.1
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	37.2	12.8	110
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.38	0.0048 J	0.010 U
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.8
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E R-11_0316 R-11 03/15/2016 480-97650-1	BCC Area E RFI-17_0316 RFI-17 03/16/2016 480-97650-1	BCC Area E RFI-29_0316 RFI-29 03/16/2016 480-97650-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	2.8
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	4.1 J	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	7.3
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.7 U	4.7 U	4.7 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E R-11_0316 R-11 03/15/2016 480-97650-1	BCC Area E RFI-17_0316 RFI-17 03/16/2016 480-97650-1	BCC Area E RFI-29_0316 RFI-29 03/16/2016 480-97650-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dichlorophenol	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dimethylphenol	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dinitrophenol	9.3 U	9.4 U	9.3 U
µg/L	SW8270	2,4-Dinitrotoluene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2,6-Dinitrotoluene	4.7 U	0.69 J	4.7 U
µg/L	SW8270	2-Chloronaphthalene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2-Chlorophenol	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2-Methylnaphthalene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2-Methylphenol	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2-Nitroaniline	9.3 U	9.4 U	9.3 U
µg/L	SW8270	2-Nitrophenol	4.7 U	4.7 U	4.7 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.7 U	4.7 U	4.7 U
µg/L	SW8270	3-Nitroaniline	9.3 U	9.4 U	9.3 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.3 U	9.4 U	9.3 U
µg/L	SW8270	4-Bromophenyl phenyl ether	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
µg/L	SW8270	4-Chloroaniline	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
µg/L	SW8270	4-Methylphenol	9.3 U	9.4 U	9.3 U
µg/L	SW8270	4-Nitroaniline	9.3 U	9.4 U	9.3 U
µg/L	SW8270	4-Nitrophenol	9.3 U	9.4 U	9.3 U
µg/L	SW8270	Acenaphthene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Acenaphthylene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Acetophenone	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Aniline	9.3 UJ	9.4 UJ	9.3 UJ
µg/L	SW8270	Anthracene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Atrazine	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Benzaldehyde	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(a)anthracene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(a)pyrene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(b)fluoranthene	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
µg/L	SW8270	Benzo(k)fluoranthene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Biphenyl	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

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E R-11_0316 R-11 03/15/2016 480-97650-1	BCC Area E RFI-17_0316 RFI-17 03/16/2016 480-97650-1	BCC Area E RFI-29_0316 RFI-29 03/16/2016 480-97650-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-chloroethoxy)methane	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
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Butyl benzyl phthalate	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Caprolactam	4.7 UJ	4.7 UJ	4.7 UJ
µg/L	SW8270	Carbazole	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Chrysene	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
µg/L	SW8270	Di-n-octyl phthalate	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
µg/L	SW8270	Dibenzofuran	9.3 U	9.4 U	9.3 U
µg/L	SW8270	Diethyl phthalate	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Dimethyl phthalate	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Fluoranthene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Fluorene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorobenzene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorobutadiene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Hexachloroethane	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
µg/L	SW8270	Isophorone	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
µg/L	SW8270	N-Nitrosodiphenylamine	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Naphthalene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Nitrobenzene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Pentachlorophenol	9.3 U	9.4 U	9.3 U
µg/L	SW8270	Phenanthrene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Phenol	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Pyrene	4.7 U	4.7 U	4.7 U

Notes

U = undetected

J = estimated value

R= rejected

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-32 D_0316 RFI-32 03/15/2016 480-97650-1	BCC Area E RFI-32_0316 RFI-32 03/15/2016 480-97650-1	BCC Area E RFI-33_0316 RFI-33 03/16/2016 480-97650-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.20 U	0.20 U	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.0058 J	0.0071 J	0.015 U
mg/L	SW6010	Barium	0.028	0.028	0.056
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.0012 J
mg/L	SW6010	Calcium	347	349	126
mg/L	SW6010	Chromium	0.0011 J	0.0011 J	0.079
mg/L	SW6010	Cobalt	0.0022 J	0.0023 J	0.0052
mg/L	SW6010	Copper	0.010 U	0.010 U	0.0068 J
mg/L	SW6010	Iron	1.9	2.1	2.1
mg/L	SW6010	Lead	0.0054 J	0.0059 J	0.0045 J
mg/L	SW6010	Magnesium	141	142	47.9
mg/L	SW6010	Manganese	1.5	1.5	0.21
mg/L	SW6010	Nickel	0.0073 J	0.0066 J	0.75
mg/L	SW6010	Potassium	2.2	2.2	0.74
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	89.2	88.7	298
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.0025 J	0.0032 J	0.0085 J
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	20 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	20 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	20 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	20 U	1.0 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-32 D_0316 RFI-32 03/15/2016 480-97650-1	BCC Area E RFI-32_0316 RFI-32 03/15/2016 480-97650-1	BCC Area E RFI-33_0316 RFI-33 03/16/2016 480-97650-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	20 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	200 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	100 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	100 U	5.0 U
µg/L	SW8260	Acetone	4.7 J	200 U	10 U
µg/L	SW8260	Benzene	0.92 J	20 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	20 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	20 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	20 U	1.0 U
µg/L	SW8260	Chlorobenzene	450	470	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	20 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	20 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	20 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	20 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	20 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	20 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	20 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	50 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	20 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	20 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	20 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	20 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	20 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	20 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	20 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	20 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	20 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	20 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	40 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	47 U	4.7 U	4.7 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-32 D_0316 RFI-32 03/15/2016 480-97650-1	BCC Area E RFI-32_0316 RFI-32 03/15/2016 480-97650-1	BCC Area E RFI-33_0316 RFI-33 03/16/2016 480-97650-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	47 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dichlorophenol	47 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dimethylphenol	47 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dinitrophenol	93 U	9.4 U	9.4 U
µg/L	SW8270	2,4-Dinitrotoluene	47 U	4.7 U	4.7 U
µg/L	SW8270	2,6-Dinitrotoluene	47 U	4.7 U	4.7 U
µg/L	SW8270	2-Chloronaphthalene	47 U	4.7 U	4.7 U
µg/L	SW8270	2-Chlorophenol	47 U	2.8 J	4.7 U
µg/L	SW8270	2-Methylnaphthalene	47 U	4.7 U	4.7 U
µg/L	SW8270	2-Methylphenol	47 U	4.7 U	4.7 U
µg/L	SW8270	2-Nitroaniline	93 U	9.4 U	9.4 U
µg/L	SW8270	2-Nitrophenol	47 U	4.7 U	4.7 U
µg/L	SW8270	3,3'-Dichlorobenzidine	47 UJ	4.7 UJ	4.7 U
µg/L	SW8270	3-Nitroaniline	93 U	9.4 U	9.4 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	93 U	9.4 U	9.4 U
µg/L	SW8270	4-Bromophenyl phenyl ether	47 U	4.7 U	4.7 U
µg/L	SW8270	4-Chloro-3-methylphenol	47 U	4.7 U	4.7 U
µg/L	SW8270	4-Chloroaniline	47 U	4.7 U	4.7 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	47 U	4.7 U	4.7 U
µg/L	SW8270	4-Methylphenol	93 U	9.4 U	9.4 U
µg/L	SW8270	4-Nitroaniline	93 U	9.4 U	9.4 U
µg/L	SW8270	4-Nitrophenol	93 U	9.4 U	9.4 U
µg/L	SW8270	Acenaphthene	47 U	4.7 U	4.7 U
µg/L	SW8270	Acenaphthylene	47 U	4.7 U	4.7 U
µg/L	SW8270	Acetophenone	47 U	4.7 U	4.7 U
µg/L	SW8270	Aniline	93 UJ	9.4 UJ	9.4 UJ
µg/L	SW8270	Anthracene	47 U	4.7 U	4.7 U
µg/L	SW8270	Atrazine	47 U	4.7 U	4.7 U
µg/L	SW8270	Benzaldehyde	47 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(a)anthracene	47 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(a)pyrene	47 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(b)fluoranthene	47 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(g,h,i)perylene	47 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(k)fluoranthene	47 U	4.7 U	4.7 U
µg/L	SW8270	Biphenyl	47 U	4.7 U	4.7 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	47 U	4.7 U	4.7 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-32 D_0316 RFI-32 03/15/2016 480-97650-1	BCC Area E RFI-32_0316 RFI-32 03/15/2016 480-97650-1	BCC Area E RFI-33_0316 RFI-33 03/16/2016 480-97650-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-chloroethoxy)methane	47 U	4.7 U	4.7 U
µg/L	SW8270	Bis(2-chloroethyl)ether	47 U	4.7 U	4.7 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	47 U	4.7 U	4.7 U
µg/L	SW8270	Butyl benzyl phthalate	47 U	4.7 U	4.7 U
µg/L	SW8270	Caprolactam	47 UJ	4.7 UJ	4.7 UJ
µg/L	SW8270	Carbazole	47 U	4.7 U	4.7 U
µg/L	SW8270	Chrysene	47 U	4.7 U	4.7 U
µg/L	SW8270	Di-n-butyl phthalate	47 U	4.7 U	4.7 U
µg/L	SW8270	Di-n-octyl phthalate	47 U	4.7 U	4.7 U
µg/L	SW8270	Dibenz(a,h)anthracene	47 U	4.7 U	4.7 U
µg/L	SW8270	Dibenzofuran	93 U	9.4 U	9.4 U
µg/L	SW8270	Diethyl phthalate	47 U	4.7 U	4.7 U
µg/L	SW8270	Dimethyl phthalate	47 U	4.7 U	4.7 U
µg/L	SW8270	Fluoranthene	47 U	4.7 U	4.7 U
µg/L	SW8270	Fluorene	47 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorobenzene	47 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorobutadiene	47 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorocyclopentadiene	47 U	4.7 U	4.7 U
µg/L	SW8270	Hexachloroethane	47 U	4.7 U	4.7 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	47 U	4.7 U	4.7 U
µg/L	SW8270	Isophorone	47 U	4.7 U	4.7 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	47 U	4.7 U	4.7 U
µg/L	SW8270	N-Nitrosodiphenylamine	47 U	4.7 U	4.7 U
µg/L	SW8270	Naphthalene	47 U	36	4.7 U
µg/L	SW8270	Nitrobenzene	47 U	4.7 U	4.7 U
µg/L	SW8270	Pentachlorophenol	93 U	9.4 U	9.4 U
µg/L	SW8270	Phenanthrene	47 U	4.7 U	4.7 U
µg/L	SW8270	Phenol	47 U	4.7 U	4.7 U
µg/L	SW8270	Pyrene	47 U	4.7 U	4.7 U

Notes

U = undetected

J = estimated value

R= rejected

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-51_0316 RFI-51 03/17/2016 480-97650-1	BCC Area E RFI-PZ-16_0316 RFI-PZ-16 03/16/2016 480-97650-1	TRIP BLANK_031516 QC 03/16/2016 480-97650-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.20 U	0.065 J	
mg/L	SW6010	Antimony	0.020 U	0.020 U	
mg/L	SW6010	Arsenic	0.62	0.015 U	
mg/L	SW6010	Barium	0.012	0.036	
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	
mg/L	SW6010	Calcium	333	140	
mg/L	SW6010	Chromium	0.0040 U	0.0040 U	
mg/L	SW6010	Cobalt	0.0040 U	0.0040 U	
mg/L	SW6010	Copper	0.010 U	0.0084 J	
mg/L	SW6010	Iron	19.0	1.3	
mg/L	SW6010	Lead	0.0061 J	0.0042 J	
mg/L	SW6010	Magnesium	37.5	29.4	
mg/L	SW6010	Manganese	0.66	0.19	
mg/L	SW6010	Nickel	0.010 U	0.0028 J	
mg/L	SW6010	Potassium	12.9	3.8	
mg/L	SW6010	Selenium	0.025 U	0.025 U	
mg/L	SW6010	Silver	0.0060 U	0.0060 U	
mg/L	SW6010	Sodium	45.8	8.5	
mg/L	SW6010	Thallium	0.020 U	0.020 U	
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	
mg/L	SW6010	Zinc	0.0045 J	0.12	
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-51_0316 RFI-51 03/17/2016 480-97650-1	BCC Area E RFI-PZ-16_0316 RFI-PZ-16 03/16/2016 480-97650-1	TRIP BLANK_031516 QC 03/16/2016 480-97650-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	0.94 J
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	5.5
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	0.55 J
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.7 U	4.7 U	

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-51_0316 RFI-51 03/17/2016 480-97650-1	BCC Area E RFI-PZ-16_0316 RFI-PZ-16 03/16/2016 480-97650-1	TRIP BLANK_031516 QC 03/16/2016 480-97650-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	4.7 U	4.7 U	
µg/L	SW8270	2,4-Dichlorophenol	4.7 U	4.7 U	
µg/L	SW8270	2,4-Dimethylphenol	4.7 U	4.7 U	
µg/L	SW8270	2,4-Dinitrophenol	9.5 U	9.4 U	
µg/L	SW8270	2,4-Dinitrotoluene	4.7 U	0.79 J	
µg/L	SW8270	2,6-Dinitrotoluene	4.7 U	0.74 J	
µg/L	SW8270	2-Chloronaphthalene	4.7 U	4.7 U	
µg/L	SW8270	2-Chlorophenol	4.7 U	4.7 U	
µg/L	SW8270	2-Methylnaphthalene	4.7 U	4.7 U	
µg/L	SW8270	2-Methylphenol	4.7 U	4.7 U	
µg/L	SW8270	2-Nitroaniline	9.5 U	9.4 U	
µg/L	SW8270	2-Nitrophenol	4.7 U	4.7 U	
µg/L	SW8270	3,3'-Dichlorobenzidine	4.7 U	4.7 U	
µg/L	SW8270	3-Nitroaniline	9.5 U	9.4 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.5 U	9.4 U	
µg/L	SW8270	4-Bromophenyl phenyl ether	4.7 U	4.7 U	
µg/L	SW8270	4-Chloro-3-methylphenol	4.7 U	4.7 U	
µg/L	SW8270	4-Chloroaniline	4.7 U	4.7 U	
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.7 U	4.7 U	
µg/L	SW8270	4-Methylphenol	9.5 U	9.4 U	
µg/L	SW8270	4-Nitroaniline	9.5 U	9.4 U	
µg/L	SW8270	4-Nitrophenol	9.5 U	9.4 U	
µg/L	SW8270	Acenaphthene	4.7 U	4.7 U	
µg/L	SW8270	Acenaphthylene	4.7 U	4.7 U	
µg/L	SW8270	Acetophenone	4.7 U	4.7 U	
µg/L	SW8270	Aniline	9.5 U	9.4 U	
µg/L	SW8270	Anthracene	4.7 U	4.7 U	
µg/L	SW8270	Atrazine	4.7 U	4.7 U	
µg/L	SW8270	Benzaldehyde	4.7 U	4.7 U	
µg/L	SW8270	Benzo(a)anthracene	4.7 U	4.7 U	
µg/L	SW8270	Benzo(a)pyrene	4.7 U	4.7 U	
µg/L	SW8270	Benzo(b)fluoranthene	4.7 U	4.7 U	
µg/L	SW8270	Benzo(g,h,i)perylene	4.7 U	4.7 U	
µg/L	SW8270	Benzo(k)fluoranthene	4.7 U	4.7 U	
µg/L	SW8270	Biphenyl	4.7 U	4.7 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.7 U	4.7 U	

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-51_0316 RFI-51 03/17/2016 480-97650-1	BCC Area E RFI-PZ-16_0316 RFI-PZ-16 03/16/2016 480-97650-1	TRIP BLANK_031516 QC 03/16/2016 480-97650-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.7 U	4.7 U	
µg/L	SW8270	Bis(2-chloroethyl)ether	4.7 U	4.7 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.7 U	4.7 U	
µg/L	SW8270	Butyl benzyl phthalate	4.7 U	4.7 U	
µg/L	SW8270	Caprolactam	4.7 UJ	4.7 UJ	
µg/L	SW8270	Carbazole	4.7 U	4.7 U	
µg/L	SW8270	Chrysene	4.7 U	4.7 U	
µg/L	SW8270	Di-n-butyl phthalate	4.7 U	4.7 U	
µg/L	SW8270	Di-n-octyl phthalate	4.7 U	4.7 U	
µg/L	SW8270	Dibenz(a,h)anthracene	4.7 U	4.7 U	
µg/L	SW8270	Dibenzofuran	9.5 U	9.4 U	
µg/L	SW8270	Diethyl phthalate	4.7 U	4.7 U	
µg/L	SW8270	Dimethyl phthalate	4.7 U	4.7 U	
µg/L	SW8270	Fluoranthene	4.7 U	4.7 U	
µg/L	SW8270	Fluorene	4.7 U	4.7 U	
µg/L	SW8270	Hexachlorobenzene	4.7 U	4.7 U	
µg/L	SW8270	Hexachlorobutadiene	4.7 U	4.7 U	
µg/L	SW8270	Hexachlorocyclopentadiene	4.7 U	4.7 U	
µg/L	SW8270	Hexachloroethane	4.7 U	4.7 U	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.7 U	4.7 U	
µg/L	SW8270	Isophorone	4.7 U	4.7 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.7 U	4.7 U	
µg/L	SW8270	N-Nitrosodiphenylamine	4.7 U	4.7 U	
µg/L	SW8270	Naphthalene	4.7 U	4.7 U	
µg/L	SW8270	Nitrobenzene	4.7 U	4.7 U	
µg/L	SW8270	Pentachlorophenol	9.5 U	9.4 U	
µg/L	SW8270	Phenanthrene	4.7 U	4.7 U	
µg/L	SW8270	Phenol	4.7 U	4.7 U	
µg/L	SW8270	Pyrene	4.7 U	4.7 U	

Notes

U = undetected

J = estimated value

R= rejected

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E03_0616 MW-E03 05/31/2016 480-100964-1	BCC Area E MW-E04_0616 MW-E04 05/31/2016 480-100964-1	BCC Area E MW-E05_0616 MW-E05 05/31/2016 480-100964-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.19 J	2.7	0.22
mg/L	SW6010	Antimony	0.020 U	0.052	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.011 J	0.0062 J
mg/L	SW6010	Barium	0.051	0.074	0.027
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.011
mg/L	SW6010	Calcium	191	162	130
mg/L	SW6010	Chromium	0.0040 U	0.0040	0.0012 J
mg/L	SW6010	Cobalt	0.0040 U	0.0022 J	0.014
mg/L	SW6010	Copper	0.010 U	0.0083 J	0.13
mg/L	SW6010	Iron	0.63	2.5	0.44
mg/L	SW6010	Lead	0.010 U	0.0042 J	0.058
mg/L	SW6010	Magnesium	19.4	35.6	13.4
mg/L	SW6010	Manganese	0.060	0.65	0.22
mg/L	SW6010	Nickel	0.0019 J	0.0089 J	0.016
mg/L	SW6010	Potassium	5.9	7.8	5.5
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.030
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	28.6	13.4	60.6
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0046 J	0.0050 U
mg/L	SW6010	Zinc	0.015	0.14	3.3
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	0.70 J	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	2.1	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E03_0616 MW-E03 05/31/2016 480-100964-1	BCC Area E MW-E04_0616 MW-E04 05/31/2016 480-100964-1	BCC Area E MW-E05_0616 MW-E05 05/31/2016 480-100964-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	3.0 J	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.1	43
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.4	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.6 U	940 U	4.7 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E03_0616 MW-E03 05/31/2016 480-100964-1	BCC Area E MW-E04_0616 MW-E04 05/31/2016 480-100964-1	BCC Area E MW-E05_0616 MW-E05 05/31/2016 480-100964-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	4.6 U	940 U	4.7 U
µg/L	SW8270	2,4-Dichlorophenol	4.6 U	940 U	4.7 U
µg/L	SW8270	2,4-Dimethylphenol	4.6 U	940 U	4.7 U
µg/L	SW8270	2,4-Dinitrophenol	9.3 U	1900 U	9.4 U
µg/L	SW8270	2,4-Dinitrotoluene	4.6 U	270 J	4.7 U
µg/L	SW8270	2,6-Dinitrotoluene	4.6 U	540 J	0.43 J
µg/L	SW8270	2-Chloronaphthalene	4.6 U	940 U	4.7 U
µg/L	SW8270	2-Chlorophenol	4.6 U	940 U	4.7 U
µg/L	SW8270	2-Methylnaphthalene	4.6 U	940 U	4.7 U
µg/L	SW8270	2-Methylphenol	4.6 U	940 U	4.7 U
µg/L	SW8270	2-Nitroaniline	9.3 U	1900 U	9.4 U
µg/L	SW8270	2-Nitrophenol	4.6 U	940 U	4.7 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.6 U	940 U	4.7 U
µg/L	SW8270	3-Nitroaniline	9.3 U	1900 U	9.4 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.3 U	1900 U	9.4 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.6 U	940 U	4.7 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.6 U	940 U	4.7 U
µg/L	SW8270	4-Chloroaniline	4.6 U	940 U	4.7 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.6 U	940 U	4.7 U
µg/L	SW8270	4-Methylphenol	9.3 U	1900 U	9.4 U
µg/L	SW8270	4-Nitroaniline	9.3 U	1900 U	9.4 U
µg/L	SW8270	4-Nitrophenol	9.3 U	1900 U	9.4 U
µg/L	SW8270	Acenaphthene	4.6 U	940 U	4.7 U
µg/L	SW8270	Acenaphthylene	4.6 U	940 U	4.7 U
µg/L	SW8270	Acetophenone	4.6 U	940 U	4.7 U
µg/L	SW8270	Aniline	9.3 U	1900 U	9.4 U
µg/L	SW8270	Anthracene	4.6 U	940 U	4.7 U
µg/L	SW8270	Atrazine	4.6 U	940 U	4.7 U
µg/L	SW8270	Benzaldehyde	4.6 U	940 U	0.26 J
µg/L	SW8270	Benzo(a)anthracene	4.6 U	940 U	4.7 U
µg/L	SW8270	Benzo(a)pyrene	4.6 U	940 U	4.7 U
µg/L	SW8270	Benzo(b)fluoranthene	4.6 U	940 U	4.7 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.6 U	940 U	4.7 U
µg/L	SW8270	Benzo(k)fluoranthene	4.6 U	940 U	4.7 U
µg/L	SW8270	Biphenyl	4.6 U	940 U	4.7 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.6 U	940 U	4.7 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E03_0616 MW-E03 05/31/2016 480-100964-1	BCC Area E MW-E04_0616 MW-E04 05/31/2016 480-100964-1	BCC Area E MW-E05_0616 MW-E05 05/31/2016 480-100964-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.6 U	940 U	4.7 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.6 U	940 U	4.7 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.6 U	940 U	4.7 U
µg/L	SW8270	Butyl benzyl phthalate	4.6 U	940 U	4.7 U
µg/L	SW8270	Caprolactam	4.6 UJ	940 UJ	4.7 UJ
µg/L	SW8270	Carbazole	4.6 U	940 U	4.7 U
µg/L	SW8270	Chrysene	4.6 U	940 U	4.7 U
µg/L	SW8270	Di-n-butyl phthalate	4.6 U	940 U	4.7 U
µg/L	SW8270	Di-n-octyl phthalate	4.6 U	940 U	4.7 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.6 U	940 U	4.7 U
µg/L	SW8270	Dibenzofuran	9.3 U	1900 U	9.4 U
µg/L	SW8270	Diethyl phthalate	4.6 U	940 U	4.7 U
µg/L	SW8270	Dimethyl phthalate	4.6 U	940 U	4.7 U
µg/L	SW8270	Fluoranthene	4.6 U	940 U	4.7 U
µg/L	SW8270	Fluorene	4.6 U	940 U	4.7 U
µg/L	SW8270	Hexachlorobenzene	4.6 U	940 U	4.7 U
µg/L	SW8270	Hexachlorobutadiene	4.6 U	940 U	4.7 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.6 U	940 U	4.7 U
µg/L	SW8270	Hexachloroethane	4.6 U	940 U	4.7 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.6 U	940 U	4.7 U
µg/L	SW8270	Isophorone	4.6 U	940 U	4.7 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.6 U	940 U	4.7 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.6 U	940 U	4.7 U
µg/L	SW8270	Naphthalene	4.6 U	940 U	4.7 U
µg/L	SW8270	Nitrobenzene	4.6 U	940 U	4.7 U
µg/L	SW8270	Pentachlorophenol	9.3 U	1900 U	9.4 U
µg/L	SW8270	Phenanthrene	4.6 U	940 U	4.7 U
µg/L	SW8270	Phenol	4.6 U	940 U	4.7 U
µg/L	SW8270	Pyrene	4.6 U	940 U	4.7 U

Notes

U = undetected

J = estimated value

R= rejected

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E06_0616 MW-E06 05/31/2016 480-100964-1	BCC Area E MW-E07_0616 MW-E07 05/31/2016 480-100964-1	BCC Area E R-10_0616 R-10 05/31/2016 480-100964-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	1.2	0.092 J	0.070 J
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.021	0.034	0.015 U
mg/L	SW6010	Barium	0.056	0.014	0.064
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Calcium	330	118	39.8
mg/L	SW6010	Chromium	0.0029 J	0.0040 U	0.0022 J
mg/L	SW6010	Cobalt	0.013	0.0039 J	0.0040 U
mg/L	SW6010	Copper	0.015	0.010 U	0.0068 J
mg/L	SW6010	Iron	73.6	34.0	6.7
mg/L	SW6010	Lead	0.0089 J	0.0084 J	0.010 U
mg/L	SW6010	Magnesium	22.2	12.6	11.8
mg/L	SW6010	Manganese	1.1	0.15	0.10
mg/L	SW6010	Nickel	0.016	0.0034 J	0.010 U
mg/L	SW6010	Potassium	4.6	7.7	1.9
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	39.9	11.6	30.0
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0030 J	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.92	0.086	0.0073 J
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E06_0616 MW-E06 05/31/2016 480-100964-1	BCC Area E MW-E07_0616 MW-E07 05/31/2016 480-100964-1	BCC Area E R-10_0616 R-10 05/31/2016 480-100964-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	3.2 J	3.8 J	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.7 U	4.7 U	4.6 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E06_0616 MW-E06 05/31/2016 480-100964-1	BCC Area E MW-E07_0616 MW-E07 05/31/2016 480-100964-1	BCC Area E R-10_0616 R-10 05/31/2016 480-100964-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	4.7 U	4.7 U	4.6 U
µg/L	SW8270	2,4-Dichlorophenol	4.7 U	4.7 U	4.6 U
µg/L	SW8270	2,4-Dimethylphenol	4.7 U	4.7 U	4.6 U
µg/L	SW8270	2,4-Dinitrophenol	9.4 U	9.3 U	9.2 U
µg/L	SW8270	2,4-Dinitrotoluene	4.7 U	4.7 U	4.6 U
µg/L	SW8270	2,6-Dinitrotoluene	4.7 U	4.7 U	4.6 U
µg/L	SW8270	2-Chloronaphthalene	4.7 U	4.7 U	4.6 U
µg/L	SW8270	2-Chlorophenol	4.7 U	4.7 U	4.6 U
µg/L	SW8270	2-Methylnaphthalene	4.7 U	4.7 U	4.6 U
µg/L	SW8270	2-Methylphenol	4.7 U	4.7 U	4.6 U
µg/L	SW8270	2-Nitroaniline	9.4 U	9.3 U	9.2 U
µg/L	SW8270	2-Nitrophenol	4.7 U	4.7 U	4.6 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.7 U	4.7 U	4.6 U
µg/L	SW8270	3-Nitroaniline	9.4 U	9.3 U	9.2 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.4 U	9.3 U	9.2 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.7 U	4.7 U	4.6 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.7 U	4.7 U	4.6 U
µg/L	SW8270	4-Chloroaniline	4.7 U	4.7 U	4.6 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.7 U	4.7 U	4.6 U
µg/L	SW8270	4-Methylphenol	9.4 U	9.3 U	9.2 U
µg/L	SW8270	4-Nitroaniline	9.4 U	9.3 U	9.2 U
µg/L	SW8270	4-Nitrophenol	9.4 U	9.3 U	9.2 U
µg/L	SW8270	Acenaphthene	4.7 U	8.7	4.6 U
µg/L	SW8270	Acenaphthylene	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Acetophenone	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Aniline	9.4 U	9.3 U	9.2 U
µg/L	SW8270	Anthracene	4.7 U	1.3 J	4.6 U
µg/L	SW8270	Atrazine	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Benzaldehyde	0.27 J	4.7 U	0.28 J
µg/L	SW8270	Benzo(a)anthracene	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Benzo(a)pyrene	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Benzo(b)fluoranthene	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Benzo(k)fluoranthene	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Biphenyl	4.7 U	4.7 U	4.6 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.7 U	4.7 U	4.6 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E06_0616 MW-E06 05/31/2016 480-100964-1	BCC Area E MW-E07_0616 MW-E07 05/31/2016 480-100964-1	BCC Area E R-10_0616 R-10 05/31/2016 480-100964-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Butyl benzyl phthalate	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Caprolactam	4.7 UJ	4.7 UJ	4.6 UJ
µg/L	SW8270	Carbazole	4.7 U	0.43 J	4.6 U
µg/L	SW8270	Chrysene	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Di-n-butyl phthalate	4.7 U	4.7 U	3.1 J
µg/L	SW8270	Di-n-octyl phthalate	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Dibenzofuran	9.4 U	3.0 J	9.2 U
µg/L	SW8270	Diethyl phthalate	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Dimethyl phthalate	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Fluoranthene	4.7 U	2.8 J	4.6 U
µg/L	SW8270	Fluorene	4.7 U	6.3	4.6 U
µg/L	SW8270	Hexachlorobenzene	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Hexachlorobutadiene	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Hexachloroethane	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Isophorone	4.7 U	4.7 U	4.6 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.7 U	4.7 U	4.6 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Naphthalene	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Nitrobenzene	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Pentachlorophenol	9.4 U	9.3 U	9.2 U
µg/L	SW8270	Phenanthrene	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Phenol	4.7 U	4.7 U	4.6 U
µg/L	SW8270	Pyrene	4.7 U	1.7 J	4.6 U

Notes

U = undetected

J = estimated value

R= rejected

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E R-11_0616 R-11 05/31/2016 480-100964-1	BCC Area E RFI-17_0616 RFI-17 05/31/2016 480-100964-1	BCC Area E RFI-29_0616 RFI-29 05/31/2016 480-100964-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.20 U	0.20 U	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.015 U	0.0093 J
mg/L	SW6010	Barium	0.040	0.036	0.11
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Calcium	28.2	234	61.2
mg/L	SW6010	Chromium	0.0040 U	0.0016 J	0.0040 U
mg/L	SW6010	Cobalt	0.0040 U	0.0040 U	0.0040 U
mg/L	SW6010	Copper	0.0082 J	0.010 U	0.010 U
mg/L	SW6010	Iron	0.81	0.026 J	0.040 J
mg/L	SW6010	Lead	0.010 U	0.010 U	0.010 U
mg/L	SW6010	Magnesium	10.5	37.2	10.5
mg/L	SW6010	Manganese	0.0090	0.023	0.068
mg/L	SW6010	Nickel	0.010 U	0.0015 J	0.010 U
mg/L	SW6010	Potassium	1.8	1.6	3.2
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	11.3	13.8	148
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.47	0.0033 J	0.010 U
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.7
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E R-11_0616 R-11 05/31/2016 480-100964-1	BCC Area E RFI-17_0616 RFI-17 05/31/2016 480-100964-1	BCC Area E RFI-29_0616 RFI-29 05/31/2016 480-100964-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	3.2
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	9.0
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.7 U	4.7 U	4.7 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E R-11_0616 R-11 05/31/2016 480-100964-1	BCC Area E RFI-17_0616 RFI-17 05/31/2016 480-100964-1	BCC Area E RFI-29_0616 RFI-29 05/31/2016 480-100964-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dichlorophenol	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dimethylphenol	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dinitrophenol	9.4 U	9.4 U	9.3 U
µg/L	SW8270	2,4-Dinitrotoluene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2,6-Dinitrotoluene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2-Chloronaphthalene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2-Chlorophenol	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2-Methylnaphthalene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2-Methylphenol	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2-Nitroaniline	9.4 U	9.4 U	9.3 U
µg/L	SW8270	2-Nitrophenol	4.7 U	4.7 U	4.7 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.7 U	4.7 U	4.7 U
µg/L	SW8270	3-Nitroaniline	9.4 U	9.4 U	9.3 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.4 U	9.4 U	9.3 U
µg/L	SW8270	4-Bromophenyl phenyl ether	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
µg/L	SW8270	4-Chloroaniline	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
µg/L	SW8270	4-Methylphenol	9.4 U	9.4 U	9.3 U
µg/L	SW8270	4-Nitroaniline	9.4 U	9.4 U	9.3 U
µg/L	SW8270	4-Nitrophenol	9.4 U	9.4 U	9.3 U
µg/L	SW8270	Acenaphthene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Acenaphthylene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Acetophenone	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Aniline	9.4 U	9.4 U	9.3 U
µg/L	SW8270	Anthracene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Atrazine	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Benzaldehyde	0.29 J	0.34 J	4.7 U
µg/L	SW8270	Benzo(a)anthracene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(a)pyrene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(b)fluoranthene	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
µg/L	SW8270	Benzo(k)fluoranthene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Biphenyl	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

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E R-11_0616 R-11 05/31/2016 480-100964-1	BCC Area E RFI-17_0616 RFI-17 05/31/2016 480-100964-1	BCC Area E RFI-29_0616 RFI-29 05/31/2016 480-100964-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-chloroethoxy)methane	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
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Butyl benzyl phthalate	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Caprolactam	4.7 UJ	4.7 UJ	4.7 UJ
µg/L	SW8270	Carbazole	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Chrysene	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
µg/L	SW8270	Di-n-octyl phthalate	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
µg/L	SW8270	Dibenzofuran	9.4 U	9.4 U	9.3 U
µg/L	SW8270	Diethyl phthalate	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Dimethyl phthalate	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Fluoranthene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Fluorene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorobenzene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorobutadiene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Hexachloroethane	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
µg/L	SW8270	Isophorone	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
µg/L	SW8270	N-Nitrosodiphenylamine	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Naphthalene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Nitrobenzene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Pentachlorophenol	9.4 U	9.4 U	9.3 U
µg/L	SW8270	Phenanthrene	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Phenol	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Pyrene	4.7 U	4.7 U	4.7 U

Notes

U = undetected

J = estimated value

R= rejected

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-29 D_0616 RFI-29 05/31/2016 480-100964-1	BCC Area E RFI-32_0616 RFI-32 05/31/2016 480-100964-1	BCC Area E RFI-33_0616 RFI-33 05/31/2016 480-100964-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.20 U	0.14 J	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.0089 J	0.0076 J	0.015 U
mg/L	SW6010	Barium	0.12	0.037	0.059
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.00060 J
mg/L	SW6010	Calcium	62.3	226	119
mg/L	SW6010	Chromium	0.0031 J	0.0040 U	0.075
mg/L	SW6010	Cobalt	0.0040 U	0.0037 J	0.0042
mg/L	SW6010	Copper	0.010 U	0.0046 J	0.0044 J
mg/L	SW6010	Iron	0.052	5.8	1.4
mg/L	SW6010	Lead	0.010 U	0.010 U	0.010 U
mg/L	SW6010	Magnesium	10.4	82.3	43.5
mg/L	SW6010	Manganese	0.067	0.88	0.25
mg/L	SW6010	Nickel	0.0020 J	0.0056 J	0.85
mg/L	SW6010	Potassium	3.2	2.1	0.66
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	154	58.8	294
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.010 U	0.0070 J	0.0062 J
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	20 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	20 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.6	20 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	20 U	1.0 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-29 D_0616 RFI-29 05/31/2016 480-100964-1	BCC Area E RFI-32_0616 RFI-32 05/31/2016 480-100964-1	BCC Area E RFI-33_0616 RFI-33 05/31/2016 480-100964-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	3.0	20 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	200 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	100 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	100 U	5.0 U
µg/L	SW8260	Acetone	10 U	200 U	10 U
µg/L	SW8260	Benzene	1.0 U	20 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	20 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	20 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	20 U	1.0 U
µg/L	SW8260	Chlorobenzene	9.0	1700 UJ	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	20 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	20 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	20 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	20 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	20 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	20 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	20 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	50 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	20 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	20 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	20 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	20 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	20 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	20 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	20 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	20 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	20 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	20 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	40 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	47 U	4.7 U	4.7 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-29 D_0616 RFI-29 05/31/2016 480-100964-1	BCC Area E RFI-32_0616 RFI-32 05/31/2016 480-100964-1	BCC Area E RFI-33_0616 RFI-33 05/31/2016 480-100964-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	47 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dichlorophenol	47 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dimethylphenol	47 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dinitrophenol	94 U	9.4 U	9.4 U
µg/L	SW8270	2,4-Dinitrotoluene	47 U	4.7 U	4.7 U
µg/L	SW8270	2,6-Dinitrotoluene	47 U	4.7 U	4.7 U
µg/L	SW8270	2-Chloronaphthalene	47 U	4.7 U	4.7 U
µg/L	SW8270	2-Chlorophenol	47 U	9.2	4.7 U
µg/L	SW8270	2-Methylnaphthalene	47 U	4.7 U	4.7 U
µg/L	SW8270	2-Methylphenol	47 U	4.7 U	4.7 U
µg/L	SW8270	2-Nitroaniline	94 U	9.4 U	9.4 U
µg/L	SW8270	2-Nitrophenol	47 U	4.7 U	4.7 U
µg/L	SW8270	3,3'-Dichlorobenzidine	47 U	4.7 U	4.7 U
µg/L	SW8270	3-Nitroaniline	94 U	9.4 U	9.4 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	94 U	9.4 U	9.4 U
µg/L	SW8270	4-Bromophenyl phenyl ether	47 U	4.7 U	4.7 U
µg/L	SW8270	4-Chloro-3-methylphenol	47 U	4.7 U	4.7 U
µg/L	SW8270	4-Chloroaniline	47 U	4.7 U	4.7 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	47 U	4.7 U	4.7 U
µg/L	SW8270	4-Methylphenol	94 U	9.4 U	9.4 U
µg/L	SW8270	4-Nitroaniline	94 U	9.4 U	9.4 U
µg/L	SW8270	4-Nitrophenol	94 U	9.4 U	9.4 U
µg/L	SW8270	Acenaphthene	47 U	4.7 U	4.7 U
µg/L	SW8270	Acenaphthylene	47 U	4.7 U	4.7 U
µg/L	SW8270	Acetophenone	47 U	4.7 U	4.7 U
µg/L	SW8270	Aniline	94 U	9.4 U	9.4 U
µg/L	SW8270	Anthracene	47 U	4.7 U	4.7 U
µg/L	SW8270	Atrazine	47 U	4.7 U	4.7 U
µg/L	SW8270	Benzaldehyde	47 U	0.28 J	0.37 J
µg/L	SW8270	Benzo(a)anthracene	47 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(a)pyrene	47 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(b)fluoranthene	47 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(g,h,i)perylene	47 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(k)fluoranthene	47 U	4.7 U	4.7 U
µg/L	SW8270	Biphenyl	47 U	4.7 U	4.7 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	47 U	4.7 U	4.7 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-29 D_0616 RFI-29 05/31/2016 480-100964-1	BCC Area E RFI-32_0616 RFI-32 05/31/2016 480-100964-1	BCC Area E RFI-33_0616 RFI-33 05/31/2016 480-100964-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-chloroethoxy)methane	47 U	4.7 U	4.7 U
µg/L	SW8270	Bis(2-chloroethyl)ether	47 U	4.7 U	4.7 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	47 U	4.7 U	4.7 U
µg/L	SW8270	Butyl benzyl phthalate	47 U	4.7 U	4.7 U
µg/L	SW8270	Caprolactam	47 UJ	4.7 UJ	4.7 UJ
µg/L	SW8270	Carbazole	47 U	4.7 U	4.7 U
µg/L	SW8270	Chrysene	47 U	4.7 U	4.7 U
µg/L	SW8270	Di-n-butyl phthalate	47 U	0.93 J	4.7 U
µg/L	SW8270	Di-n-octyl phthalate	47 U	4.7 U	4.7 U
µg/L	SW8270	Dibenz(a,h)anthracene	47 U	4.7 U	4.7 U
µg/L	SW8270	Dibenzofuran	94 U	9.4 U	9.4 U
µg/L	SW8270	Diethyl phthalate	47 U	4.7 U	4.7 U
µg/L	SW8270	Dimethyl phthalate	47 U	4.7 U	4.7 U
µg/L	SW8270	Fluoranthene	47 U	4.7 U	4.7 U
µg/L	SW8270	Fluorene	47 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorobenzene	47 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorobutadiene	47 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorocyclopentadiene	47 U	4.7 U	4.7 U
µg/L	SW8270	Hexachloroethane	47 U	4.7 U	4.7 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	47 U	4.7 U	4.7 U
µg/L	SW8270	Isophorone	47 U	4.7 U	4.7 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	47 U	4.7 U	4.7 U
µg/L	SW8270	N-Nitrosodiphenylamine	47 U	4.7 U	4.7 U
µg/L	SW8270	Naphthalene	47 U	4.7 U	4.7 U
µg/L	SW8270	Nitrobenzene	47 U	4.7 U	4.7 U
µg/L	SW8270	Pentachlorophenol	94 U	9.4 U	9.4 U
µg/L	SW8270	Phenanthrene	47 U	4.7 U	4.7 U
µg/L	SW8270	Phenol	47 U	4.7 U	4.7 U
µg/L	SW8270	Pyrene	47 U	4.7 U	4.7 U

Notes

U = undetected

J = estimated value

R= rejected

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-51_0616 RFI-51 05/31/2016 480-100964-1	BCC Area E RFI-PZ-16_0616 RFI-PZ-16 05/31/2016 480-100964-1	TRIP BLANK_053116 QC 05/31/2016 480-100964-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.20 U	0.20 U	
mg/L	SW6010	Antimony	0.020 U	0.020 U	
mg/L	SW6010	Arsenic	0.35	0.015 U	
mg/L	SW6010	Barium	0.018	0.074	
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	
mg/L	SW6010	Calcium	393	229	
mg/L	SW6010	Chromium	0.0011 J	0.0015 J	
mg/L	SW6010	Cobalt	0.00079 J	0.0015 J	
mg/L	SW6010	Copper	0.010 U	0.0030 J	
mg/L	SW6010	Iron	12.5	4.5	
mg/L	SW6010	Lead	0.0041 J	0.010 U	
mg/L	SW6010	Magnesium	105	57.3	
mg/L	SW6010	Manganese	1.2	0.56	
mg/L	SW6010	Nickel	0.0024 J	0.0046 J	
mg/L	SW6010	Potassium	16.5	6.3	
mg/L	SW6010	Selenium	0.025 U	0.025 U	
mg/L	SW6010	Silver	0.0060 U	0.0060 U	
mg/L	SW6010	Sodium	115	20.4	
mg/L	SW6010	Thallium	0.020 U	0.020 U	
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	
mg/L	SW6010	Zinc	0.0018 J	0.14	
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-51_0616 RFI-51 05/31/2016 480-100964-1	BCC Area E RFI-PZ-16_0616 RFI-PZ-16 05/31/2016 480-100964-1	TRIP BLANK_053116 QC 05/31/2016 480-100964-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	3.7 J	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.6 U	4.7 U	

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-51_0616 RFI-51 05/31/2016 480-100964-1	BCC Area E RFI-PZ-16_0616 RFI-PZ-16 05/31/2016 480-100964-1	TRIP BLANK_053116 QC 05/31/2016 480-100964-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	4.6 U	4.7 U	
µg/L	SW8270	2,4-Dichlorophenol	4.6 U	4.7 U	
µg/L	SW8270	2,4-Dimethylphenol	4.6 U	4.7 U	
µg/L	SW8270	2,4-Dinitrophenol	9.3 U	9.4 U	
µg/L	SW8270	2,4-Dinitrotoluene	4.6 U	4.7 U	
µg/L	SW8270	2,6-Dinitrotoluene	4.6 U	4.7 U	
µg/L	SW8270	2-Chloronaphthalene	4.6 U	4.7 U	
µg/L	SW8270	2-Chlorophenol	4.6 U	4.7 U	
µg/L	SW8270	2-Methylnaphthalene	4.6 U	4.7 U	
µg/L	SW8270	2-Methylphenol	4.6 U	4.7 U	
µg/L	SW8270	2-Nitroaniline	9.3 U	9.4 U	
µg/L	SW8270	2-Nitrophenol	4.6 U	4.7 U	
µg/L	SW8270	3,3'-Dichlorobenzidine	4.6 U	4.7 U	
µg/L	SW8270	3-Nitroaniline	9.3 U	9.4 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.3 U	9.4 U	
µg/L	SW8270	4-Bromophenyl phenyl ether	4.6 U	4.7 U	
µg/L	SW8270	4-Chloro-3-methylphenol	4.6 U	4.7 U	
µg/L	SW8270	4-Chloroaniline	4.6 U	4.7 U	
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.6 U	4.7 U	
µg/L	SW8270	4-Methylphenol	9.3 U	9.4 U	
µg/L	SW8270	4-Nitroaniline	9.3 U	9.4 U	
µg/L	SW8270	4-Nitrophenol	9.3 U	9.4 U	
µg/L	SW8270	Acenaphthene	4.6 U	4.7 U	
µg/L	SW8270	Acenaphthylene	4.6 U	4.7 U	
µg/L	SW8270	Acetophenone	4.6 U	4.7 U	
µg/L	SW8270	Aniline	9.3 U	9.4 U	
µg/L	SW8270	Anthracene	4.6 U	4.7 U	
µg/L	SW8270	Atrazine	4.6 U	4.7 U	
µg/L	SW8270	Benzaldehyde	4.6 U	4.7 U	
µg/L	SW8270	Benzo(a)anthracene	4.6 U	4.7 U	
µg/L	SW8270	Benzo(a)pyrene	4.6 U	4.7 U	
µg/L	SW8270	Benzo(b)fluoranthene	4.6 U	4.7 U	
µg/L	SW8270	Benzo(g,h,i)perylene	4.6 U	4.7 U	
µg/L	SW8270	Benzo(k)fluoranthene	4.6 U	4.7 U	
µg/L	SW8270	Biphenyl	4.6 U	4.7 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.6 U	4.7 U	

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-51_0616 RFI-51 05/31/2016 480-100964-1	BCC Area E RFI-PZ-16_0616 RFI-PZ-16 05/31/2016 480-100964-1	TRIP BLANK_053116 QC 05/31/2016 480-100964-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.6 U	4.7 U	
µg/L	SW8270	Bis(2-chloroethyl)ether	4.6 U	4.7 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.6 U	4.7 U	
µg/L	SW8270	Butyl benzyl phthalate	4.6 U	4.7 U	
µg/L	SW8270	Caprolactam	4.6 UJ	4.7 UJ	
µg/L	SW8270	Carbazole	4.6 U	4.7 U	
µg/L	SW8270	Chrysene	4.6 U	4.7 U	
µg/L	SW8270	Di-n-butyl phthalate	4.6 U	4.7 U	
µg/L	SW8270	Di-n-octyl phthalate	4.6 U	4.7 U	
µg/L	SW8270	Dibenz(a,h)anthracene	4.6 U	4.7 U	
µg/L	SW8270	Dibenzofuran	9.3 U	9.4 U	
µg/L	SW8270	Diethyl phthalate	4.6 U	4.7 U	
µg/L	SW8270	Dimethyl phthalate	4.6 U	4.7 U	
µg/L	SW8270	Fluoranthene	4.6 U	4.7 U	
µg/L	SW8270	Fluorene	4.6 U	4.7 U	
µg/L	SW8270	Hexachlorobenzene	4.6 U	4.7 U	
µg/L	SW8270	Hexachlorobutadiene	4.6 U	4.7 U	
µg/L	SW8270	Hexachlorocyclopentadiene	4.6 U	4.7 U	
µg/L	SW8270	Hexachloroethane	4.6 U	4.7 U	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.6 U	4.7 U	
µg/L	SW8270	Isophorone	4.6 U	4.7 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.6 U	4.7 U	
µg/L	SW8270	N-Nitrosodiphenylamine	4.6 U	4.7 U	
µg/L	SW8270	Naphthalene	4.6 U	4.7 U	
µg/L	SW8270	Nitrobenzene	4.6 U	4.7 U	
µg/L	SW8270	Pentachlorophenol	9.3 U	9.4 U	
µg/L	SW8270	Phenanthrene	4.6 U	4.7 U	
µg/L	SW8270	Phenol	4.6 U	4.7 U	
µg/L	SW8270	Pyrene	4.6 U	4.7 U	

Notes

U = undetected

J = estimated value

R= rejected

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC_Area E_MW-E03_0916 MW-E03 09/12/2016 480-105843-1	BCC_Area E_MW-E04_0916 MW-E04 09/12/2016 480-105843-1	BCC_Area E_MW-E05_0916 MW-E05 09/13/2016 480-105843-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.20 U	0.83	0.70
mg/L	SW6010	Antimony	0.020 U	0.018 J	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.029	0.013 J
mg/L	SW6010	Barium	0.048	0.055	0.055
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.036
mg/L	SW6010	Calcium	209	160	322
mg/L	SW6010	Chromium	0.0040 U	0.0022 J	0.0021 J
mg/L	SW6010	Cobalt	0.0040 U	0.0020 J	0.050
mg/L	SW6010	Copper	0.010 U	0.0040 J	0.15
mg/L	SW6010	Iron	0.055	1.3	1.1
mg/L	SW6010	Lead	0.010 U	0.010 U	0.060
mg/L	SW6010	Magnesium	25.9	35.1	35.3
mg/L	SW6010	Manganese	0.034	0.68	0.23
mg/L	SW6010	Nickel	0.0021 J	0.0084 J	0.074
mg/L	SW6010	Potassium	5.5	5.7	10.0
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.044
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	27.8	17.4	114
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	0.0018 J
mg/L	SW6010	Zinc	0.0091 J	0.12	10.3
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	0.61 J	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	2.1	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC_Area E_MW-E03_0916 MW-E03 09/12/2016 480-105843-1	BCC_Area E_MW-E04_0916 MW-E04 09/12/2016 480-105843-1	BCC_Area E_MW-E05_0916 MW-E05 09/13/2016 480-105843-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	3.9 J	3.1 J
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 UJ
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.8	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.7 U	120 U	4.7 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC_Area E_MW-E03_0916 MW-E03 09/12/2016 480-105843-1	BCC_Area E_MW-E04_0916 MW-E04 09/12/2016 480-105843-1	BCC_Area E_MW-E05_0916 MW-E05 09/13/2016 480-105843-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	4.7 U	120 U	4.7 U
µg/L	SW8270	2,4-Dichlorophenol	4.7 U	120 U	4.7 U
µg/L	SW8270	2,4-Dimethylphenol	4.7 U	120 U	4.7 U
µg/L	SW8270	2,4-Dinitrophenol	9.3 U	240 U	9.3 U
µg/L	SW8270	2,4-Dinitrotoluene	4.7 U	630	4.7 U
µg/L	SW8270	2,6-Dinitrotoluene	4.7 U	490	4.7 U
µg/L	SW8270	2-Chloronaphthalene	4.7 U	120 U	4.7 U
µg/L	SW8270	2-Chlorophenol	4.7 U	120 U	4.7 U
µg/L	SW8270	2-Methylnaphthalene	4.7 U	120 U	4.7 U
µg/L	SW8270	2-Methylphenol	4.7 U	120 U	4.7 U
µg/L	SW8270	2-Nitroaniline	9.3 U	18 J	9.3 U
µg/L	SW8270	2-Nitrophenol	4.7 U	120 U	4.7 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.7 U	120 U	4.7 R
µg/L	SW8270	3-Nitroaniline	9.3 U	240 U	9.3 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.3 U	240 U	9.3 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.7 U	120 U	4.7 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.7 U	120 U	4.7 U
µg/L	SW8270	4-Chloroaniline	4.7 U	120 U	4.7 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.7 U	120 U	4.7 U
µg/L	SW8270	4-Methylphenol	9.3 U	240 U	9.3 U
µg/L	SW8270	4-Nitroaniline	9.3 U	240 U	9.3 U
µg/L	SW8270	4-Nitrophenol	9.3 U	240 U	9.3 U
µg/L	SW8270	Acenaphthene	4.7 U	120 U	4.7 U
µg/L	SW8270	Acenaphthylene	4.7 U	120 U	4.7 U
µg/L	SW8270	Acetophenone	4.7 U	120 U	4.7 U
µg/L	SW8270	Aniline	9.3 U	240 U	9.3 UJ
µg/L	SW8270	Anthracene	4.7 U	120 U	4.7 U
µg/L	SW8270	Atrazine	4.7 U	120 U	4.7 U
µg/L	SW8270	Benzaldehyde	4.7 UJ	120 UJ	4.7 UJ
µg/L	SW8270	Benzo(a)anthracene	4.7 U	120 U	4.7 U
µg/L	SW8270	Benzo(a)pyrene	4.7 U	120 U	4.7 UJ
µg/L	SW8270	Benzo(b)fluoranthene	4.7 U	120 U	4.7 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.7 U	120 U	4.7 UJ
µg/L	SW8270	Benzo(k)fluoranthene	4.7 U	120 U	4.7 UJ
µg/L	SW8270	Biphenyl	4.7 U	120 U	4.7 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.7 U	120 U	4.7 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC_Area E_MW-E03_0916 MW-E03 09/12/2016 480-105843-1	BCC_Area E_MW-E04_0916 MW-E04 09/12/2016 480-105843-1	BCC_Area E_MW-E05_0916 MW-E05 09/13/2016 480-105843-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.7 U	120 U	4.7 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.7 U	120 U	4.7 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.7 U	120 U	4.7 UJ
µg/L	SW8270	Butyl benzyl phthalate	4.7 U	120 U	4.7 U
µg/L	SW8270	Caprolactam	4.7 UJ	120 UJ	4.7 UJ
µg/L	SW8270	Carbazole	4.7 U	120 U	4.7 U
µg/L	SW8270	Chrysene	4.7 U	120 U	4.7 U
µg/L	SW8270	Di-n-butyl phthalate	4.7 U	120 U	4.7 U
µg/L	SW8270	Di-n-octyl phthalate	4.7 U	120 U	4.7 UJ
µg/L	SW8270	Dibenz(a,h)anthracene	4.7 U	120 U	4.7 UJ
µg/L	SW8270	Dibenzofuran	9.3 U	240 U	9.3 U
µg/L	SW8270	Diethyl phthalate	4.7 U	120 U	4.7 U
µg/L	SW8270	Dimethyl phthalate	4.7 U	120 U	4.7 U
µg/L	SW8270	Fluoranthene	4.7 U	120 U	4.7 U
µg/L	SW8270	Fluorene	4.7 U	120 U	4.7 U
µg/L	SW8270	Hexachlorobenzene	4.7 U	120 U	4.7 U
µg/L	SW8270	Hexachlorobutadiene	4.7 U	120 U	4.7 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.7 U	120 U	4.7 U
µg/L	SW8270	Hexachloroethane	4.7 U	120 U	4.7 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.7 U	120 U	4.7 UJ
µg/L	SW8270	Isophorone	4.7 U	120 U	4.7 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.7 U	120 U	4.7 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.7 U	120 U	4.7 R
µg/L	SW8270	Naphthalene	4.7 U	120 U	4.7 U
µg/L	SW8270	Nitrobenzene	4.7 U	120 U	4.7 U
µg/L	SW8270	Pentachlorophenol	9.3 U	240 U	9.3 U
µg/L	SW8270	Phenanthrene	4.7 U	120 U	4.7 U
µg/L	SW8270	Phenol	4.7 U	120 U	4.7 U
µg/L	SW8270	Pyrene	4.7 U	120 U	4.7 U

Notes

U = undetected

J = estimated value

R= rejected

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

Field Sample ID Location Sample Date Sample Delivery Group			CC_Area E_MW-E05 D_091 MW-E05 09/13/2016 480-105843-1	BCC_Area E_MW-E06_0916 MW-E06 09/13/2016 480-105843-1	BCC_Area E_MW-E07_0916 MW-E07 09/13/2016 480-105843-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.91	0.20	0.18 J
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.013 J	0.056	0.072
mg/L	SW6010	Barium	0.055	0.044	0.026
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.036	0.00055 J	0.0020 U
mg/L	SW6010	Calcium	325	474	189
mg/L	SW6010	Chromium	0.0016 J	0.0012 J	0.0014 J
mg/L	SW6010	Cobalt	0.054	0.0081	0.0064
mg/L	SW6010	Copper	0.16	0.0082 J	0.012
mg/L	SW6010	Iron	1.4	46.3	29.7
mg/L	SW6010	Lead	0.059	0.010 U	0.010
mg/L	SW6010	Magnesium	35.2	30.8	18.8
mg/L	SW6010	Manganese	0.23	1.5	0.57
mg/L	SW6010	Nickel	0.078	0.0075 J	0.0072 J
mg/L	SW6010	Potassium	10.1	6.4	13.2
mg/L	SW6010	Selenium	0.047	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	112	45.7	20.6
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0025 J	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	10.7	0.45	0.37
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U

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

Field Sample ID Location Sample Date Sample Delivery Group			CC_Area E_MW-E05 D_091 MW-E05 09/13/2016 480-105843-1	BCC_Area E_MW-E06_0916 MW-E06 09/13/2016 480-105843-1	BCC_Area E_MW-E07_0916 MW-E07 09/13/2016 480-105843-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.7 U	4.6 U	4.6 U

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

Field Sample ID Location Sample Date Sample Delivery Group			CC_Area E_MW-E05 D_0916 MW-E05 09/13/2016 480-105843-1	BCC_Area E_MW-E06_0916 MW-E06 09/13/2016 480-105843-1	BCC_Area E_MW-E07_0916 MW-E07 09/13/2016 480-105843-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	4.7 U	4.6 U	4.6 U
µg/L	SW8270	2,4-Dichlorophenol	4.7 U	4.6 U	4.6 U
µg/L	SW8270	2,4-Dimethylphenol	4.7 U	4.6 U	4.6 U
µg/L	SW8270	2,4-Dinitrophenol	9.3 U	9.3 U	9.3 U
µg/L	SW8270	2,4-Dinitrotoluene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	2,6-Dinitrotoluene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	2-Chloronaphthalene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	2-Chlorophenol	4.7 U	4.6 U	4.6 U
µg/L	SW8270	2-Methylnaphthalene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	2-Methylphenol	4.7 U	4.6 U	4.6 U
µg/L	SW8270	2-Nitroaniline	9.3 U	9.3 U	9.3 U
µg/L	SW8270	2-Nitrophenol	4.7 U	4.6 U	4.6 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.7 R	4.6 U	4.6 U
µg/L	SW8270	3-Nitroaniline	9.3 U	9.3 U	9.3 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.3 U	9.3 U	9.3 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.7 U	4.6 U	4.6 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.7 U	4.6 U	4.6 U
µg/L	SW8270	4-Chloroaniline	4.7 U	4.6 U	4.6 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.7 U	4.6 U	4.6 U
µg/L	SW8270	4-Methylphenol	9.3 U	9.3 U	9.3 U
µg/L	SW8270	4-Nitroaniline	9.3 U	9.3 U	9.3 U
µg/L	SW8270	4-Nitrophenol	9.3 U	9.3 U	9.3 U
µg/L	SW8270	Acenaphthene	4.7 U	4.6 U	7.4
µg/L	SW8270	Acenaphthylene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Acetophenone	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Aniline	9.3 UJ	9.3 U	9.3 U
µg/L	SW8270	Anthracene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Atrazine	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Benzaldehyde	4.7 UJ	4.6 UJ	4.6 UJ
µg/L	SW8270	Benzo(a)anthracene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Benzo(a)pyrene	4.7 UJ	4.6 U	4.6 U
µg/L	SW8270	Benzo(b)fluoranthene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.7 UJ	4.6 U	4.6 U
µg/L	SW8270	Benzo(k)fluoranthene	4.7 UJ	4.6 U	4.6 U
µg/L	SW8270	Biphenyl	4.7 U	4.6 U	4.6 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.7 U	4.6 U	4.6 U

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

Field Sample ID Location Sample Date Sample Delivery Group			CC_Area E_MW-E05 D_091 MW-E05 09/13/2016 480-105843-1	BCC_Area E_MW-E06_0916 MW-E06 09/13/2016 480-105843-1	BCC_Area E_MW-E07_0916 MW-E07 09/13/2016 480-105843-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.7 UJ	4.6 U	4.6 U
µg/L	SW8270	Butyl benzyl phthalate	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Caprolactam	4.7 UJ	4.6 UJ	4.6 UJ
µg/L	SW8270	Carbazole	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Chrysene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Di-n-butyl phthalate	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Di-n-octyl phthalate	4.7 UJ	4.6 U	4.6 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.7 UJ	4.6 U	4.6 U
µg/L	SW8270	Dibenzofuran	9.3 U	9.3 U	9.3 U
µg/L	SW8270	Diethyl phthalate	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Dimethyl phthalate	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Fluoranthene	4.7 U	4.6 U	0.93 J
µg/L	SW8270	Fluorene	4.7 U	4.6 U	0.88 J
µg/L	SW8270	Hexachlorobenzene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Hexachlorobutadiene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Hexachloroethane	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.7 UJ	4.6 U	4.6 U
µg/L	SW8270	Isophorone	4.7 U	4.6 U	4.6 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.7 U	4.6 U	4.6 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.7 R	4.6 U	4.6 U
µg/L	SW8270	Naphthalene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Nitrobenzene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Pentachlorophenol	9.3 U	9.3 U	9.3 U
µg/L	SW8270	Phenanthrene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Phenol	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Pyrene	4.7 U	4.6 U	0.95 J

Notes

U = undetected

J = estimated value

R= rejected

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC_Area E_R-10_0916 R-10 09/12/2016 480-105843-1	BCC_Area E_R-11_0916 R-11 09/12/2016 480-105843-1	BCC_Area E_RFI-17_0916 RFI-17 09/12/2016 480-105843-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.24	0.20 U	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.015 U	0.015 U
mg/L	SW6010	Barium	0.17	0.090	0.036
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.00057 J	0.0020 U	0.0020 U
mg/L	SW6010	Calcium	84.5	47.9	192
mg/L	SW6010	Chromium	0.0040 U	0.0040 U	0.0023 J
mg/L	SW6010	Cobalt	0.0040 U	0.0040 U	0.0040 U
mg/L	SW6010	Copper	0.010 U	0.010 U	0.010 U
mg/L	SW6010	Iron	9.2	1.1	0.050 U
mg/L	SW6010	Lead	0.010 U	0.010 U	0.010 U
mg/L	SW6010	Magnesium	35.4	16.0	39.2
mg/L	SW6010	Manganese	0.078	0.010	0.023
mg/L	SW6010	Nickel	0.010 U	0.010 U	0.0048 J
mg/L	SW6010	Potassium	3.6	3.9	1.5
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	128	17.6	20.6
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.017	0.15	0.0037 J
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC_Area E_R-10_0916 R-10 09/12/2016 480-105843-1	BCC_Area E_R-11_0916 R-11 09/12/2016 480-105843-1	BCC_Area E_RFI-17_0916 RFI-17 09/12/2016 480-105843-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	7.3 J	3.4 J	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	0.58 J	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.9 U	4.7 U	4.7 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC_Area E_R-10_0916 R-10 09/12/2016 480-105843-1	BCC_Area E_R-11_0916 R-11 09/12/2016 480-105843-1	BCC_Area E_RFI-17_0916 RFI-17 09/12/2016 480-105843-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	4.9 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dichlorophenol	4.9 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dimethylphenol	4.9 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dinitrophenol	9.9 U	9.3 U	9.3 U
µg/L	SW8270	2,4-Dinitrotoluene	4.9 U	4.7 U	4.7 U
µg/L	SW8270	2,6-Dinitrotoluene	4.9 U	4.7 U	4.7 U
µg/L	SW8270	2-Chloronaphthalene	4.9 U	4.7 U	4.7 U
µg/L	SW8270	2-Chlorophenol	4.9 U	4.7 U	4.7 U
µg/L	SW8270	2-Methylnaphthalene	4.9 U	4.7 U	4.7 U
µg/L	SW8270	2-Methylphenol	4.9 U	4.7 U	4.7 U
µg/L	SW8270	2-Nitroaniline	9.9 U	9.3 U	9.3 U
µg/L	SW8270	2-Nitrophenol	4.9 U	4.7 U	4.7 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.9 U	4.7 U	4.7 U
µg/L	SW8270	3-Nitroaniline	9.9 U	9.3 U	9.3 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.9 U	9.3 U	9.3 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.9 U	4.7 U	4.7 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.9 U	4.7 U	4.7 U
µg/L	SW8270	4-Chloroaniline	4.9 U	4.7 U	4.7 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.9 U	4.7 U	4.7 U
µg/L	SW8270	4-Methylphenol	9.9 U	9.3 U	9.3 U
µg/L	SW8270	4-Nitroaniline	9.9 U	9.3 U	9.3 U
µg/L	SW8270	4-Nitrophenol	9.9 U	9.3 U	9.3 U
µg/L	SW8270	Acenaphthene	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Acenaphthylene	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Acetophenone	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Aniline	9.9 U	9.3 U	9.3 U
µg/L	SW8270	Anthracene	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Atrazine	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Benzaldehyde	4.9 UJ	4.7 UJ	4.7 UJ
µg/L	SW8270	Benzo(a)anthracene	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(a)pyrene	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(b)fluoranthene	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(k)fluoranthene	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Biphenyl	4.9 U	4.7 U	4.7 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.9 U	4.7 U	4.7 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC_Area E_R-10_0916 R-10 09/12/2016 480-105843-1	BCC_Area E_R-11_0916 R-11 09/12/2016 480-105843-1	BCC_Area E_RFI-17_0916 RFI-17 09/12/2016 480-105843-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Butyl benzyl phthalate	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Caprolactam	4.9 UJ	4.7 UJ	4.7 UJ
µg/L	SW8270	Carbazole	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Chrysene	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Di-n-butyl phthalate	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Di-n-octyl phthalate	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Dibenzofuran	9.9 U	9.3 U	9.3 U
µg/L	SW8270	Diethyl phthalate	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Dimethyl phthalate	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Fluoranthene	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Fluorene	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorobenzene	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorobutadiene	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Hexachloroethane	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Isophorone	4.9 U	4.7 U	4.7 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.9 U	4.7 U	4.7 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Naphthalene	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Nitrobenzene	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Pentachlorophenol	9.9 U	9.3 U	9.3 U
µg/L	SW8270	Phenanthrene	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Phenol	4.9 U	4.7 U	4.7 U
µg/L	SW8270	Pyrene	4.9 U	4.7 U	4.7 U

Notes

U = undetected

J = estimated value

R= rejected

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC_Area E_RFI-29_0916 RFI-29 09/12/2016 480-105843-1	BCC_Area E_RFI-32_0916 RFI-32 09/12/2016 480-105843-1	BCC_Area E_RFI-33_0916 RFI-33 09/12/2016 480-105843-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.20 U	0.12 J	0.089 J
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.015	0.030	0.015 U
mg/L	SW6010	Barium	0.15	0.035	0.074
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.00052 J	0.0014 J
mg/L	SW6010	Calcium	85.8	302	103
mg/L	SW6010	Chromium	0.0040 U	0.0040 U	0.23
mg/L	SW6010	Cobalt	0.0040 U	0.0049	0.040
mg/L	SW6010	Copper	0.010 U	0.010 U	0.012
mg/L	SW6010	Iron	0.024 J	16.8	5.5
mg/L	SW6010	Lead	0.010 U	0.010 U	0.010 U
mg/L	SW6010	Magnesium	14.2	105	36.1
mg/L	SW6010	Manganese	0.073	1.7	0.96
mg/L	SW6010	Nickel	0.010 U	0.0075 J	0.96
mg/L	SW6010	Potassium	4.7	2.1	0.76
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	136	79.3	304
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.0081 J	0.0058 J	0.0093 J
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	20 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	20 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	3.1	20 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.1	20 U	1.0 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC_Area E_RFI-29_0916 RFI-29 09/12/2016 480-105843-1	BCC_Area E_RFI-32_0916 RFI-32 09/12/2016 480-105843-1	BCC_Area E_RFI-33_0916 RFI-33 09/12/2016 480-105843-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	5.3	20 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	200 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	100 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	100 U	5.0 U
µg/L	SW8260	Acetone	10 U	200 U	10 U
µg/L	SW8260	Benzene	1.0 U	20 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	20 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	20 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	20 U	1.0 U
µg/L	SW8260	Chlorobenzene	18	3500	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	20 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	20 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	20 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	20 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	20 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	20 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	20 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	50 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	20 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	20 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	20 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	20 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	20 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	20 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	20 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	20 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	20 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	20 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	40 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.7 U	4.8 U	4.7 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC_Area E_RFI-29_0916 RFI-29 09/12/2016 480-105843-1	BCC_Area E_RFI-32_0916 RFI-32 09/12/2016 480-105843-1	BCC_Area E_RFI-33_0916 RFI-33 09/12/2016 480-105843-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	4.7 U	4.8 U	4.7 U
µg/L	SW8270	2,4-Dichlorophenol	4.7 U	4.8 U	4.7 U
µg/L	SW8270	2,4-Dimethylphenol	4.7 U	4.8 U	4.7 U
µg/L	SW8270	2,4-Dinitrophenol	9.3 U	9.6 U	9.4 U
µg/L	SW8270	2,4-Dinitrotoluene	4.7 U	4.8 U	4.7 U
µg/L	SW8270	2,6-Dinitrotoluene	4.7 U	4.8 U	4.7 U
µg/L	SW8270	2-Chloronaphthalene	4.7 U	4.8 U	4.7 U
µg/L	SW8270	2-Chlorophenol	4.7 U	21	4.7 U
µg/L	SW8270	2-Methylnaphthalene	4.7 U	4.8 U	4.7 U
µg/L	SW8270	2-Methylphenol	4.7 U	4.8 U	4.7 U
µg/L	SW8270	2-Nitroaniline	9.3 U	9.6 U	9.4 U
µg/L	SW8270	2-Nitrophenol	4.7 U	4.8 U	4.7 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.7 U	4.8 U	4.7 U
µg/L	SW8270	3-Nitroaniline	9.3 U	9.6 U	9.4 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.3 U	9.6 U	9.4 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.7 U	4.8 U	4.7 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.7 U	4.8 U	4.7 U
µg/L	SW8270	4-Chloroaniline	4.7 U	4.8 U	4.7 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.7 U	4.8 U	4.7 U
µg/L	SW8270	4-Methylphenol	9.3 U	9.6 U	9.4 U
µg/L	SW8270	4-Nitroaniline	9.3 U	9.6 U	9.4 U
µg/L	SW8270	4-Nitrophenol	9.3 U	9.6 U	9.4 U
µg/L	SW8270	Acenaphthene	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Acenaphthylene	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Acetophenone	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Aniline	0.58 J	9.6 U	9.4 U
µg/L	SW8270	Anthracene	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Atrazine	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Benzaldehyde	4.7 UJ	4.8 UJ	4.7 UJ
µg/L	SW8270	Benzo(a)anthracene	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Benzo(a)pyrene	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Benzo(b)fluoranthene	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Benzo(k)fluoranthene	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Biphenyl	4.7 U	4.8 U	4.7 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.7 U	4.8 U	4.7 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC_Area E_RFI-29_0916 RFI-29 09/12/2016 480-105843-1	BCC_Area E_RFI-32_0916 RFI-32 09/12/2016 480-105843-1	BCC_Area E_RFI-33_0916 RFI-33 09/12/2016 480-105843-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Butyl benzyl phthalate	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Caprolactam	4.7 UJ	4.8 UJ	4.7 UJ
µg/L	SW8270	Carbazole	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Chrysene	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Di-n-butyl phthalate	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Di-n-octyl phthalate	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Dibenzofuran	9.3 U	9.6 U	9.4 U
µg/L	SW8270	Diethyl phthalate	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Dimethyl phthalate	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Fluoranthene	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Fluorene	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Hexachlorobenzene	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Hexachlorobutadiene	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Hexachloroethane	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Isophorone	4.7 U	4.8 U	4.7 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.7 U	4.8 U	4.7 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Naphthalene	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Nitrobenzene	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Pentachlorophenol	9.3 U	9.6 U	9.4 U
µg/L	SW8270	Phenanthrene	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Phenol	4.7 U	4.8 U	4.7 U
µg/L	SW8270	Pyrene	4.7 U	4.8 U	4.7 U

Notes

U = undetected

J = estimated value

R= rejected

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC_Area E_RFI-51_0916 RFI-51 09/13/2016 480-105843-1	Trip Blank_091316 QC 09/13/2016 480-105843-1	BCC Area E MW-E03 1116 MW-E03 11/07/2016 480-109269-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.20 U		0.12 J
mg/L	SW6010	Antimony	0.020 U		0.020 U
mg/L	SW6010	Arsenic	0.41		0.015 U
mg/L	SW6010	Barium	0.019		0.056
mg/L	SW6010	Beryllium	0.0020 U		0.0020 U
mg/L	SW6010	Cadmium	0.00083 J		0.0020 U
mg/L	SW6010	Calcium	508		232
mg/L	SW6010	Chromium	0.0040 U		0.0019 J
mg/L	SW6010	Cobalt	0.0025 J		0.0040 U
mg/L	SW6010	Copper	0.010 U		0.0027 J
mg/L	SW6010	Iron	15.3		0.46
mg/L	SW6010	Lead	0.010 U		0.0038 J
mg/L	SW6010	Magnesium	277		32.9
mg/L	SW6010	Manganese	2.0		0.058
mg/L	SW6010	Nickel	0.0036 J		0.0029 J
mg/L	SW6010	Potassium	32.5		4.9
mg/L	SW6010	Selenium	0.025 U		0.016 J
mg/L	SW6010	Silver	0.0060 U		0.0060 U
mg/L	SW6010	Sodium	244		36.0
mg/L	SW6010	Thallium	0.020 U		0.020 U
mg/L	SW6010	Vanadium	0.0050 U		0.0050 U
mg/L	SW6010	Zinc	0.0028 J		0.012
mg/L	SW7470	Mercury	0.00020 U		0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC_Area E_RFI-51_0916 RFI-51 09/13/2016 480-105843-1	Trip Blank_091316 QC 09/13/2016 480-105843-1	BCC Area E MW-E03 1116 MW-E03 11/07/2016 480-109269-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.9 U		4.6 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC_Area E_RFI-51_0916 RFI-51 09/13/2016 480-105843-1	Trip Blank_091316 QC 09/13/2016 480-105843-1	BCC Area E MW-E03 1116 MW-E03 11/07/2016 480-109269-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	4.9 U		4.6 U
µg/L	SW8270	2,4-Dichlorophenol	4.9 U		4.6 U
µg/L	SW8270	2,4-Dimethylphenol	4.9 U		4.6 U
µg/L	SW8270	2,4-Dinitrophenol	9.8 U		9.3 U
µg/L	SW8270	2,4-Dinitrotoluene	4.9 U		4.6 U
µg/L	SW8270	2,6-Dinitrotoluene	4.9 U		4.6 U
µg/L	SW8270	2-Chloronaphthalene	4.9 U		4.6 U
µg/L	SW8270	2-Chlorophenol	4.9 U		4.6 U
µg/L	SW8270	2-Methylnaphthalene	4.9 U		4.6 U
µg/L	SW8270	2-Methylphenol	4.9 U		4.6 U
µg/L	SW8270	2-Nitroaniline	9.8 U		9.3 U
µg/L	SW8270	2-Nitrophenol	4.9 U		4.6 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.9 U		4.6 U
µg/L	SW8270	3-Nitroaniline	9.8 U		9.3 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.8 U		9.3 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.9 U		4.6 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.9 U		4.6 U
µg/L	SW8270	4-Chloroaniline	4.9 U		4.6 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.9 U		4.6 U
µg/L	SW8270	4-Methylphenol	9.8 U		9.3 U
µg/L	SW8270	4-Nitroaniline	9.8 U		9.3 U
µg/L	SW8270	4-Nitrophenol	9.8 U		9.3 U
µg/L	SW8270	Acenaphthene	4.9 U		4.6 U
µg/L	SW8270	Acenaphthylene	4.9 U		4.6 U
µg/L	SW8270	Acetophenone	4.9 U		4.6 U
µg/L	SW8270	Aniline	9.8 U		9.3 UJ
µg/L	SW8270	Anthracene	4.9 U		4.6 U
µg/L	SW8270	Atrazine	4.9 U		4.6 U
µg/L	SW8270	Benzaldehyde	4.9 UJ		4.6 UJ
µg/L	SW8270	Benzo(a)anthracene	4.9 U		4.6 U
µg/L	SW8270	Benzo(a)pyrene	4.9 U		4.6 U
µg/L	SW8270	Benzo(b)fluoranthene	4.9 U		4.6 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.9 U		4.6 U
µg/L	SW8270	Benzo(k)fluoranthene	4.9 U		4.6 U
µg/L	SW8270	Biphenyl	4.9 U		4.6 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.9 U		4.6 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC_Area E_RFI-51_0916 RFI-51 09/13/2016 480-105843-1	Trip Blank_091316 QC 09/13/2016 480-105843-1	BCC Area E MW-E03 1116 MW-E03 11/07/2016 480-109269-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.9 U		4.6 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.9 U		4.6 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.9 U		4.6 U
µg/L	SW8270	Butyl benzyl phthalate	4.9 U		4.6 U
µg/L	SW8270	Caprolactam	4.9 UJ		4.6 UJ
µg/L	SW8270	Carbazole	4.9 U		4.6 U
µg/L	SW8270	Chrysene	4.9 U		4.6 U
µg/L	SW8270	Di-n-butyl phthalate	4.9 U		4.6 U
µg/L	SW8270	Di-n-octyl phthalate	4.9 U		4.6 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.9 U		4.6 U
µg/L	SW8270	Dibenzofuran	9.8 U		9.3 U
µg/L	SW8270	Diethyl phthalate	4.9 U		4.6 U
µg/L	SW8270	Dimethyl phthalate	4.9 U		4.6 U
µg/L	SW8270	Fluoranthene	4.9 U		4.6 U
µg/L	SW8270	Fluorene	4.9 U		4.6 U
µg/L	SW8270	Hexachlorobenzene	4.9 U		4.6 U
µg/L	SW8270	Hexachlorobutadiene	4.9 U		4.6 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.9 U		4.6 U
µg/L	SW8270	Hexachloroethane	4.9 U		4.6 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.9 U		4.6 U
µg/L	SW8270	Isophorone	4.9 U		4.6 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.9 U		4.6 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.9 U		4.6 U
µg/L	SW8270	Naphthalene	4.9 U		4.6 U
µg/L	SW8270	Nitrobenzene	4.9 U		4.6 U
µg/L	SW8270	Pentachlorophenol	9.8 U		9.3 U
µg/L	SW8270	Phenanthrene	4.9 U		4.6 U
µg/L	SW8270	Phenol	4.9 U		4.6 U
µg/L	SW8270	Pyrene	4.9 U		4.6 U

Notes

U = undetected

J = estimated value

R= rejected

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E04 1116 MW-E04 11/07/2016 480-109269-1	BCC Area E MW-E05 1116 MW-E05 11/08/2016 480-109269-1	BCC Area E MW-E06 1116 MW-E06 11/08/2016 480-109269-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	1.1	0.56	0.20 U
mg/L	SW6010	Antimony	0.061	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.0081 J	0.019
mg/L	SW6010	Barium	0.064	0.039	0.043
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0038	0.027	0.0020 U
mg/L	SW6010	Calcium	149	242	421
mg/L	SW6010	Chromium	0.0051	0.0040 U	0.0011 J
mg/L	SW6010	Cobalt	0.0040 U	0.019	0.012
mg/L	SW6010	Copper	0.021	0.17	0.010 U
mg/L	SW6010	Iron	0.98	0.85	54.0
mg/L	SW6010	Lead	0.0040 J	0.056	0.0060 J
mg/L	SW6010	Magnesium	31.1	28.7	30.5
mg/L	SW6010	Manganese	0.12	0.20	1.6
mg/L	SW6010	Nickel	0.017	0.037	0.014
mg/L	SW6010	Potassium	7.3	8.0	6.6
mg/L	SW6010	Selenium	0.025 U	0.018 J	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	13.1	97.2	48.5
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0021 J	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	1.7	6.2	0.67
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E04 1116 MW-E04 11/07/2016 480-109269-1	BCC Area E MW-E05 1116 MW-E05 11/08/2016 480-109269-1	BCC Area E MW-E06 1116 MW-E06 11/08/2016 480-109269-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.6 U	4.6 U	4.7 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E04 1116 MW-E04 11/07/2016 480-109269-1	BCC Area E MW-E05 1116 MW-E05 11/08/2016 480-109269-1	BCC Area E MW-E06 1116 MW-E06 11/08/2016 480-109269-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	4.6 U	4.6 U	4.7 U
µg/L	SW8270	2,4-Dichlorophenol	4.6 U	4.6 U	4.7 U
µg/L	SW8270	2,4-Dimethylphenol	4.6 U	4.6 U	4.7 U
µg/L	SW8270	2,4-Dinitrophenol	9.2 U	9.2 U	9.3 U
µg/L	SW8270	2,4-Dinitrotoluene	2.7 J	4.6 U	4.7 U
µg/L	SW8270	2,6-Dinitrotoluene	8.8	4.6 U	4.7 U
µg/L	SW8270	2-Chloronaphthalene	4.6 U	4.6 U	4.7 U
µg/L	SW8270	2-Chlorophenol	4.6 U	4.6 U	4.7 U
µg/L	SW8270	2-Methylnaphthalene	4.6 U	4.6 U	4.7 U
µg/L	SW8270	2-Methylphenol	4.6 U	4.6 U	4.7 U
µg/L	SW8270	2-Nitroaniline	9.2 U	9.2 U	9.3 U
µg/L	SW8270	2-Nitrophenol	4.6 U	4.6 U	4.7 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.6 U	4.6 U	4.7 U
µg/L	SW8270	3-Nitroaniline	9.2 U	9.2 U	9.3 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.2 U	9.2 U	9.3 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.6 U	4.6 U	4.7 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.6 U	4.6 U	4.7 U
µg/L	SW8270	4-Chloroaniline	4.6 U	4.6 U	4.7 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.6 U	4.6 U	4.7 U
µg/L	SW8270	4-Methylphenol	9.2 U	9.2 U	9.3 U
µg/L	SW8270	4-Nitroaniline	9.2 U	9.2 U	9.3 U
µg/L	SW8270	4-Nitrophenol	9.2 U	9.2 U	9.3 U
µg/L	SW8270	Acenaphthene	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Acenaphthylene	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Acetophenone	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Aniline	9.2 UJ	9.2 UJ	9.3 UJ
µg/L	SW8270	Anthracene	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Atrazine	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Benzaldehyde	4.6 UJ	4.6 UJ	4.7 UJ
µg/L	SW8270	Benzo(a)anthracene	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Benzo(a)pyrene	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Benzo(b)fluoranthene	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Benzo(k)fluoranthene	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Biphenyl	4.6 U	4.6 U	4.7 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.6 U	4.6 U	4.7 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E04 1116 MW-E04 11/07/2016 480-109269-1	BCC Area E MW-E05 1116 MW-E05 11/08/2016 480-109269-1	BCC Area E MW-E06 1116 MW-E06 11/08/2016 480-109269-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Butyl benzyl phthalate	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Caprolactam	4.6 UJ	4.6 UJ	4.7 UJ
µg/L	SW8270	Carbazole	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Chrysene	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Di-n-butyl phthalate	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Di-n-octyl phthalate	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Dibenzofuran	9.2 U	9.2 U	9.3 U
µg/L	SW8270	Diethyl phthalate	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Dimethyl phthalate	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Fluoranthene	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Fluorene	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Hexachlorobenzene	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Hexachlorobutadiene	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Hexachloroethane	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Isophorone	4.6 U	4.6 U	4.7 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.6 U	4.6 U	4.7 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Naphthalene	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Nitrobenzene	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Pentachlorophenol	9.2 U	9.2 U	9.3 U
µg/L	SW8270	Phenanthrene	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Phenol	4.6 U	4.6 U	4.7 U
µg/L	SW8270	Pyrene	4.6 U	4.6 U	4.7 U

Notes

U = undetected

J = estimated value

R= rejected

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E07 1116 MW-E07 11/08/2016 480-109269-1	BCC Area E R-10 1116 R-10 11/08/2016 480-109269-1	BCC Area E R-11 1116 R-11 11/07/2016 480-109269-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.13 J	0.20 U	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.090	0.015 U	0.015 U
mg/L	SW6010	Barium	0.019	0.20	0.13
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Calcium	200	94.9	69.0
mg/L	SW6010	Chromium	0.0015 J	0.0040 U	0.0040 U
mg/L	SW6010	Cobalt	0.016	0.0040 U	0.0040 U
mg/L	SW6010	Copper	0.0038 J	0.0021 J	0.010 U
mg/L	SW6010	Iron	46.5	10.4	5.8
mg/L	SW6010	Lead	0.032	0.0033 J	0.010 U
mg/L	SW6010	Magnesium	20.9	44.2	20.3
mg/L	SW6010	Manganese	0.47	0.090	0.057
mg/L	SW6010	Nickel	0.012	0.010 U	0.010 U
mg/L	SW6010	Potassium	13.1	4.4	6.7
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	20.0	158	25.7
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.28	0.0056 J	0.81
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E07 1116 MW-E07 11/08/2016 480-109269-1	BCC Area E R-10 1116 R-10 11/08/2016 480-109269-1	BCC Area E R-11 1116 R-11 11/07/2016 480-109269-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U	3.8 J
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	0.98 J	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.6 U	4.6 U	4.6 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E07 1116 MW-E07 11/08/2016 480-109269-1	BCC Area E R-10 1116 R-10 11/08/2016 480-109269-1	BCC Area E R-11 1116 R-11 11/07/2016 480-109269-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	4.6 U	4.6 U	4.6 U
µg/L	SW8270	2,4-Dichlorophenol	4.6 U	4.6 U	4.6 U
µg/L	SW8270	2,4-Dimethylphenol	4.6 U	4.6 U	4.6 U
µg/L	SW8270	2,4-Dinitrophenol	9.1 U	9.2 U	9.3 U
µg/L	SW8270	2,4-Dinitrotoluene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	2,6-Dinitrotoluene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	2-Chloronaphthalene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	2-Chlorophenol	4.6 U	4.6 U	4.6 U
µg/L	SW8270	2-Methylnaphthalene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	2-Methylphenol	4.6 U	4.6 U	4.6 U
µg/L	SW8270	2-Nitroaniline	9.1 U	9.2 U	9.3 U
µg/L	SW8270	2-Nitrophenol	4.6 U	4.6 U	4.6 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.6 U	4.6 U	4.6 U
µg/L	SW8270	3-Nitroaniline	9.1 U	9.2 U	9.3 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.1 U	9.2 U	9.3 U
µg/L	SW8270	4-Bromophenyl phenyl ether	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
µg/L	SW8270	4-Chloroaniline	4.6 U	4.6 U	4.6 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.6 U	4.6 U	4.6 U
µg/L	SW8270	4-Methylphenol	9.1 U	9.2 U	9.3 U
µg/L	SW8270	4-Nitroaniline	9.1 U	9.2 U	9.3 U
µg/L	SW8270	4-Nitrophenol	9.1 U	9.2 U	9.3 U
µg/L	SW8270	Acenaphthene	8.5	4.6 U	4.6 U
µg/L	SW8270	Acenaphthylene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Acetophenone	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Aniline	9.1 UJ	9.2 U	9.3 UJ
µg/L	SW8270	Anthracene	0.93 J	4.6 U	4.6 U
µg/L	SW8270	Atrazine	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Benzaldehyde	4.6 UJ	4.6 U	4.6 UJ
µg/L	SW8270	Benzo(a)anthracene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Benzo(a)pyrene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Benzo(b)fluoranthene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Benzo(k)fluoranthene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Biphenyl	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

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E MW-E07 1116 MW-E07 11/08/2016 480-109269-1	BCC Area E R-10 1116 R-10 11/08/2016 480-109269-1	BCC Area E R-11 1116 R-11 11/07/2016 480-109269-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-chloroethoxy)methane	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
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Butyl benzyl phthalate	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Caprolactam	4.6 UJ	4.6 UJ	4.6 UJ
µg/L	SW8270	Carbazole	0.54 J	4.6 U	4.6 U
µg/L	SW8270	Chrysene	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
µg/L	SW8270	Di-n-octyl phthalate	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Dibenzofuran	2.3 J	9.2 U	9.3 U
µg/L	SW8270	Diethyl phthalate	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Dimethyl phthalate	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Fluoranthene	1.2 J	4.6 U	4.6 U
µg/L	SW8270	Fluorene	4.1 J	4.6 U	4.6 U
µg/L	SW8270	Hexachlorobenzene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Hexachlorobutadiene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Hexachloroethane	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Isophorone	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
µg/L	SW8270	N-Nitrosodiphenylamine	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Naphthalene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Nitrobenzene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Pentachlorophenol	9.1 U	9.2 U	9.3 U
µg/L	SW8270	Phenanthrene	1.7 J	4.6 U	4.6 U
µg/L	SW8270	Phenol	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Pyrene	0.84 J	4.6 U	4.6 U

Notes

U = undetected

J = estimated value

R= rejected

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-17 1116 RFI-17 11/07/2016 480-109269-1	BCC Area E RFI-17 D 1116 RFI-17 11/07/2016 480-109269-1	BCC Area E RFI-29 1116 RFI-29 11/07/2016 480-109269-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.082 J	0.20 U	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.015 U	0.010 J
mg/L	SW6010	Barium	0.038	0.039	0.13
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Calcium	196	199	71.8
mg/L	SW6010	Chromium	0.0079	0.0082	0.0040 U
mg/L	SW6010	Cobalt	0.0040 U	0.0040 U	0.0040 U
mg/L	SW6010	Copper	0.010 U	0.010 U	0.010 U
mg/L	SW6010	Iron	0.054	0.063	0.040 J
mg/L	SW6010	Lead	0.010 U	0.010 U	0.0030 J
mg/L	SW6010	Magnesium	39.4	40.0	12.7
mg/L	SW6010	Manganese	0.0049 U	0.0050 U	0.065
mg/L	SW6010	Nickel	0.0047 J	0.0049 J	0.010 U
mg/L	SW6010	Potassium	1.8	1.8	4.5
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	19.9	20.3	119
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.0054 J	0.0048 J	0.010 U
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	2.1
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-17 1116 RFI-17 11/07/2016 480-109269-1	BCC Area E RFI-17 D 1116 RFI-17 11/07/2016 480-109269-1	BCC Area E RFI-29 1116 RFI-29 11/07/2016 480-109269-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	3.5
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	15
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.7 U	4.6 U	4.6 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-17 1116 RFI-17 11/07/2016 480-109269-1	BCC Area E RFI-17 D 1116 RFI-17 11/07/2016 480-109269-1	BCC Area E RFI-29 1116 RFI-29 11/07/2016 480-109269-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	4.7 U	4.6 U	4.6 U
µg/L	SW8270	2,4-Dichlorophenol	4.7 U	4.6 U	4.6 U
µg/L	SW8270	2,4-Dimethylphenol	4.7 U	4.6 U	4.6 U
µg/L	SW8270	2,4-Dinitrophenol	9.3 U	9.3 U	9.2 U
µg/L	SW8270	2,4-Dinitrotoluene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	2,6-Dinitrotoluene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	2-Chloronaphthalene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	2-Chlorophenol	4.7 U	4.6 U	4.6 U
µg/L	SW8270	2-Methylnaphthalene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	2-Methylphenol	4.7 U	4.6 U	4.6 U
µg/L	SW8270	2-Nitroaniline	9.3 U	9.3 U	9.2 U
µg/L	SW8270	2-Nitrophenol	4.7 U	4.6 U	4.6 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.7 U	4.6 U	4.6 U
µg/L	SW8270	3-Nitroaniline	9.3 U	9.3 U	9.2 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.3 U	9.3 U	9.2 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.7 U	4.6 U	4.6 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.7 U	4.6 U	4.6 U
µg/L	SW8270	4-Chloroaniline	4.7 U	4.6 U	4.6 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.7 U	4.6 U	4.6 U
µg/L	SW8270	4-Methylphenol	9.3 U	9.3 U	9.2 U
µg/L	SW8270	4-Nitroaniline	9.3 U	9.3 U	9.2 U
µg/L	SW8270	4-Nitrophenol	9.3 U	9.3 U	9.2 U
µg/L	SW8270	Acenaphthene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Acenaphthylene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Acetophenone	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Aniline	9.3 U	9.3 UJ	9.2 UJ
µg/L	SW8270	Anthracene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Atrazine	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Benzaldehyde	4.7 U	4.6 UJ	4.6 UJ
µg/L	SW8270	Benzo(a)anthracene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Benzo(a)pyrene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Benzo(b)fluoranthene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Benzo(k)fluoranthene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Biphenyl	4.7 U	4.6 U	4.6 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.7 U	4.6 U	4.6 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-17 1116 RFI-17 11/07/2016 480-109269-1	BCC Area E RFI-17 D 1116 RFI-17 11/07/2016 480-109269-1	BCC Area E RFI-29 1116 RFI-29 11/07/2016 480-109269-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.7 U	3.3 J	4.6 U
µg/L	SW8270	Butyl benzyl phthalate	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Caprolactam	4.7 UJ	4.6 UJ	4.6 UJ
µg/L	SW8270	Carbazole	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Chrysene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Di-n-butyl phthalate	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Di-n-octyl phthalate	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Dibenzofuran	9.3 U	9.3 U	9.2 U
µg/L	SW8270	Diethyl phthalate	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Dimethyl phthalate	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Fluoranthene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Fluorene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Hexachlorobenzene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Hexachlorobutadiene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Hexachloroethane	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Isophorone	4.7 U	4.6 U	4.6 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.7 U	4.6 U	4.6 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Naphthalene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Nitrobenzene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Pentachlorophenol	9.3 U	9.3 U	9.2 U
µg/L	SW8270	Phenanthrene	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Phenol	4.7 U	4.6 U	4.6 U
µg/L	SW8270	Pyrene	4.7 U	4.6 U	4.6 U

Notes

U = undetected

J = estimated value

R= rejected

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-32 1116 RFI-32 11/07/2016 480-109269-1	BCC Area E RFI-33 1116 RFI-33 11/08/2016 480-109269-1	BCC Area E RFI-51 1116 RFI-51 11/08/2016 480-109269-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.20 U	0.20 U	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.013 J	0.015 U	0.43
mg/L	SW6010	Barium	0.031	0.062	0.018
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Calcium	309	108	506
mg/L	SW6010	Chromium	0.0012 J	0.099	0.0040 U
mg/L	SW6010	Cobalt	0.0036 J	0.0054	0.0022 J
mg/L	SW6010	Copper	0.0018 J	0.0057 J	0.010 U
mg/L	SW6010	Iron	8.9	1.0	14.4
mg/L	SW6010	Lead	0.0034 J	0.0034 J	0.0082 J
mg/L	SW6010	Magnesium	110	41.9	260
mg/L	SW6010	Manganese	2.1	0.29	1.9
mg/L	SW6010	Nickel	0.0080 J	0.26	0.0058 J
mg/L	SW6010	Potassium	2.0	0.94	32.4
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	83.8	338	250
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.0046 J	0.0065 J	0.0036 J
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	40 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	40 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	40 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	40 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	40 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	40 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	40 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	40 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	40 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	40 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	40 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	40 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	40 U	1.0 U	1.0 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-32 1116 RFI-32 11/07/2016 480-109269-1	BCC Area E RFI-33 1116 RFI-33 11/08/2016 480-109269-1	BCC Area E RFI-51 1116 RFI-51 11/08/2016 480-109269-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	40 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	400 U	10 U	10 U
µg/L	SW8260	2-Hexanone	200 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	200 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	400 U	10 U	10 U
µg/L	SW8260	Benzene	40 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	40 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	40 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	40 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	40 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	40 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	3700	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	40 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	40 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	40 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	40 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	40 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	40 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	40 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	40 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	40 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	40 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	100 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	40 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	40 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	40 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	40 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	40 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	40 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	40 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	40 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	40 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	40 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	40 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	80 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.6 U	4.6 U	4.6 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-32 1116 RFI-32 11/07/2016 480-109269-1	BCC Area E RFI-33 1116 RFI-33 11/08/2016 480-109269-1	BCC Area E RFI-51 1116 RFI-51 11/08/2016 480-109269-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	4.6 U	4.6 U	4.6 U
µg/L	SW8270	2,4-Dichlorophenol	4.6 U	4.6 U	4.6 U
µg/L	SW8270	2,4-Dimethylphenol	4.6 U	4.6 U	4.6 U
µg/L	SW8270	2,4-Dinitrophenol	9.2 U	9.1 U	9.3 U
µg/L	SW8270	2,4-Dinitrotoluene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	2,6-Dinitrotoluene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	2-Chloronaphthalene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	2-Chlorophenol	6.7	4.6 U	4.6 U
µg/L	SW8270	2-Methylnaphthalene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	2-Methylphenol	4.6 U	4.6 U	4.6 U
µg/L	SW8270	2-Nitroaniline	9.2 U	9.1 U	9.3 U
µg/L	SW8270	2-Nitrophenol	4.6 U	4.6 U	4.6 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.6 U	4.6 U	4.6 U
µg/L	SW8270	3-Nitroaniline	9.2 U	9.1 U	9.3 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.2 U	9.1 U	9.3 U
µg/L	SW8270	4-Bromophenyl phenyl ether	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
µg/L	SW8270	4-Chloroaniline	4.6 U	4.6 U	4.6 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.6 U	4.6 U	4.6 U
µg/L	SW8270	4-Methylphenol	9.2 U	9.1 U	9.3 U
µg/L	SW8270	4-Nitroaniline	9.2 U	9.1 U	9.3 U
µg/L	SW8270	4-Nitrophenol	9.2 U	9.1 U	9.3 U
µg/L	SW8270	Acenaphthene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Acenaphthylene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Acetophenone	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Aniline	9.2 UJ	9.1 UJ	9.3 UJ
µg/L	SW8270	Anthracene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Atrazine	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Benzaldehyde	4.6 UJ	4.6 UJ	4.6 UJ
µg/L	SW8270	Benzo(a)anthracene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Benzo(a)pyrene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Benzo(b)fluoranthene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Benzo(k)fluoranthene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Biphenyl	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

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-32 1116 RFI-32 11/07/2016 480-109269-1	BCC Area E RFI-33 1116 RFI-33 11/08/2016 480-109269-1	BCC Area E RFI-51 1116 RFI-51 11/08/2016 480-109269-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-chloroethoxy)methane	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
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Butyl benzyl phthalate	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Caprolactam	4.6 UJ	4.6 UJ	4.6 UJ
µg/L	SW8270	Carbazole	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Chrysene	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
µg/L	SW8270	Di-n-octyl phthalate	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Dibenzofuran	9.2 U	9.1 U	9.3 U
µg/L	SW8270	Diethyl phthalate	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Dimethyl phthalate	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Fluoranthene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Fluorene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Hexachlorobenzene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Hexachlorobutadiene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Hexachloroethane	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Isophorone	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
µg/L	SW8270	N-Nitrosodiphenylamine	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Naphthalene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Nitrobenzene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Pentachlorophenol	9.2 U	9.1 U	9.3 U
µg/L	SW8270	Phenanthrene	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Phenol	4.6 U	4.6 U	4.6 U
µg/L	SW8270	Pyrene	4.6 U	4.6 U	4.6 U

Notes

U = undetected

J = estimated value

R= rejected

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-PZ-16 1116 RFI-PZ-16 11/08/2016 480-109269-1	TRIP BLANK_110816 QC 11/08/2016 480-109269-1
Units	Method	Parameter Name		
mg/L	SW6010	Aluminum	0.20 U	
mg/L	SW6010	Antimony	0.020 U	
mg/L	SW6010	Arsenic	0.015 U	
mg/L	SW6010	Barium	0.044	
mg/L	SW6010	Beryllium	0.0020 U	
mg/L	SW6010	Cadmium	0.0014 J	
mg/L	SW6010	Calcium	298	
mg/L	SW6010	Chromium	0.0040 U	
mg/L	SW6010	Cobalt	0.045	
mg/L	SW6010	Copper	0.021	
mg/L	SW6010	Iron	0.39	
mg/L	SW6010	Lead	0.0041 J	
mg/L	SW6010	Magnesium	66.7	
mg/L	SW6010	Manganese	1.1	
mg/L	SW6010	Nickel	0.17	
mg/L	SW6010	Potassium	6.8	
mg/L	SW6010	Selenium	0.025 U	
mg/L	SW6010	Silver	0.0060 U	
mg/L	SW6010	Sodium	21.3	
mg/L	SW6010	Thallium	0.020 U	
mg/L	SW6010	Vanadium	0.0050 U	
mg/L	SW6010	Zinc	4.2	
mg/L	SW7470	Mercury	0.00020 U	
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-PZ-16 1116 RFI-PZ-16 11/08/2016 480-109269-1	TRIP BLANK_110816 QC 11/08/2016 480-109269-1
Units	Method	Parameter Name		
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.7 U	

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-PZ-16 1116 RFI-PZ-16 11/08/2016 480-109269-1	TRIP BLANK_110816 QC 11/08/2016 480-109269-1
Units	Method	Parameter Name		
µg/L	SW8270	2,4,6-Trichlorophenol	4.7 U	
µg/L	SW8270	2,4-Dichlorophenol	4.7 U	
µg/L	SW8270	2,4-Dimethylphenol	4.7 U	
µg/L	SW8270	2,4-Dinitrophenol	9.3 U	
µg/L	SW8270	2,4-Dinitrotoluene	4.7 U	
µg/L	SW8270	2,6-Dinitrotoluene	4.7 U	
µg/L	SW8270	2-Chloronaphthalene	4.7 U	
µg/L	SW8270	2-Chlorophenol	4.7 U	
µg/L	SW8270	2-Methylnaphthalene	4.7 U	
µg/L	SW8270	2-Methylphenol	4.7 U	
µg/L	SW8270	2-Nitroaniline	9.3 U	
µg/L	SW8270	2-Nitrophenol	4.7 U	
µg/L	SW8270	3,3'-Dichlorobenzidine	4.7 U	
µg/L	SW8270	3-Nitroaniline	9.3 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.3 U	
µg/L	SW8270	4-Bromophenyl phenyl ether	4.7 U	
µg/L	SW8270	4-Chloro-3-methylphenol	4.7 U	
µg/L	SW8270	4-Chloroaniline	4.7 U	
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.7 U	
µg/L	SW8270	4-Methylphenol	9.3 U	
µg/L	SW8270	4-Nitroaniline	9.3 U	
µg/L	SW8270	4-Nitrophenol	9.3 U	
µg/L	SW8270	Acenaphthene	4.7 U	
µg/L	SW8270	Acenaphthylene	4.7 U	
µg/L	SW8270	Acetophenone	4.7 U	
µg/L	SW8270	Aniline	9.3 UJ	
µg/L	SW8270	Anthracene	4.7 U	
µg/L	SW8270	Atrazine	4.7 U	
µg/L	SW8270	Benzaldehyde	4.7 UJ	
µg/L	SW8270	Benzo(a)anthracene	4.7 U	
µg/L	SW8270	Benzo(a)pyrene	4.7 U	
µg/L	SW8270	Benzo(b)fluoranthene	4.7 U	
µg/L	SW8270	Benzo(g,h,i)perylene	4.7 U	
µg/L	SW8270	Benzo(k)fluoranthene	4.7 U	
µg/L	SW8270	Biphenyl	4.7 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.7 U	

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E RFI-PZ-16 1116 RFI-PZ-16 11/08/2016 480-109269-1	TRIP BLANK_110816 QC 11/08/2016 480-109269-1
Units	Method	Parameter Name		
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.7 U	
µg/L	SW8270	Bis(2-chloroethyl)ether	4.7 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.7 U	
µg/L	SW8270	Butyl benzyl phthalate	4.7 U	
µg/L	SW8270	Caprolactam	4.7 UJ	
µg/L	SW8270	Carbazole	4.7 U	
µg/L	SW8270	Chrysene	4.7 U	
µg/L	SW8270	Di-n-butyl phthalate	4.7 U	
µg/L	SW8270	Di-n-octyl phthalate	4.7 U	
µg/L	SW8270	Dibenz(a,h)anthracene	4.7 U	
µg/L	SW8270	Dibenzofuran	9.3 U	
µg/L	SW8270	Diethyl phthalate	4.7 U	
µg/L	SW8270	Dimethyl phthalate	4.7 U	
µg/L	SW8270	Fluoranthene	4.7 U	
µg/L	SW8270	Fluorene	4.7 U	
µg/L	SW8270	Hexachlorobenzene	4.7 U	
µg/L	SW8270	Hexachlorobutadiene	4.7 U	
µg/L	SW8270	Hexachlorocyclopentadiene	4.7 U	
µg/L	SW8270	Hexachloroethane	4.7 U	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.7 U	
µg/L	SW8270	Isophorone	4.7 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.7 U	
µg/L	SW8270	N-Nitrosodiphenylamine	4.7 U	
µg/L	SW8270	Naphthalene	4.7 U	
µg/L	SW8270	Nitrobenzene	4.7 U	
µg/L	SW8270	Pentachlorophenol	9.3 U	
µg/L	SW8270	Phenanthrene	4.7 U	
µg/L	SW8270	Phenol	4.7 U	
µg/L	SW8270	Pyrene	4.7 U	

Notes

U = undetected

J = estimated value

R= rejected

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

Field Sample ID Location Sample Date Sample Delivery Group				BCC Area E MW-E06F_0316 MW-E06F 03/16/2016 480-97650-1	BCC Area E MW-E07F_0316 MW-E07F 03/16/2016 480-97650-1
Units	Method	Filtered	Parameter Name		
mg/L	SW6010	Y	Aluminum	0.20 U	0.20 U
mg/L	SW6010	Y	Antimony	0.020 U	0.020 U
mg/L	SW6010	Y	Arsenic	0.019	0.043
mg/L	SW6010	Y	Barium	0.020	0.011
mg/L	SW6010	Y	Beryllium	0.0020 U	0.0020 U
mg/L	SW6010	Y	Cadmium	0.0020 U	0.0020 U
mg/L	SW6010	Y	Calcium	271	155
mg/L	SW6010	Y	Chromium	0.0011 J	0.0040 U
mg/L	SW6010	Y	Cobalt	0.013	0.0041
mg/L	SW6010	Y	Copper	0.010 U	0.010 U
mg/L	SW6010	Y	Iron	78.3	51.0
mg/L	SW6010	Y	Lead	0.0069 J	0.0064 J
mg/L	SW6010	Y	Magnesium	18.0	16.0
mg/L	SW6010	Y	Manganese	1.1	0.29
mg/L	SW6010	Y	Nickel	0.016	0.0042 J
mg/L	SW6010	Y	Potassium	4.2	8.7
mg/L	SW6010	Y	Selenium	0.025 U	0.025 U
mg/L	SW6010	Y	Silver	0.0060 U	0.0060 U
mg/L	SW6010	Y	Sodium	33.3	16.6
mg/L	SW6010	Y	Thallium	0.020 U	0.020 U
mg/L	SW6010	Y	Vanadium	0.0050 U	0.0050 U
mg/L	SW6010	Y	Zinc	1.2	0.072
mg/L	SW7470	Y	Mercury	0.00020 U	0.00020 U

Notes

U = undetected

J = estimated value

DATA VALIDATION SUMMARY REPORT AREA E 2016 QUARTERLY SURFACE WATER SAMPLING

HONEYWELL BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Prepared for

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FEBRUARY 2017

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Table 2	Project Precision and Accuracy Goals
Table 3	Validation Actions Summary
Table 4	Final Results

1.0 INTRODUCTION

Data validation was completed on quarterly storm water samples collected in February, May, August and November 2016. Samples were analyzed by Test America Laboratories in Buffalo, New York (TAL-Buffalo) and results were reported in data package sample delivery groups (SDGs) 480-94612-1, 480-99482-1, 480-104757-1 and 480-108913-1. 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

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
- 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 QC 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 concentrations greater than 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
- LCSL=LCS recovery less than the lower limit
- MSH=Matrix spike recovery greater than the upper limit
- MSDH=Matrix spike duplicate recovery greater than the upper limit
- MSDL=Matrix spike duplicate recovery less than the lower limit
- MSL=Matrix spike 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 ground water sample results is provided on Table 4.

2.0 DATA VALIDATION ACTIONS AND OBSERVATIONS

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
- * MS/MSD
- * Surrogate Spikes
- * Field duplicate
- * Reporting Limits
- * Data Completeness
- * Electronic Data Verification
- * - Criteria were met for this parameter.

2.1.1 February Event

No QC issues were identified.

2.1.2 May Event

No QC issues were identified.

2.1.3 August Event

No QC issues were identified.

2.1.4 November Event

LCS

The LCS percent recovery was less than the QC limit of 70 percent for dichlorodifluoromethane (63) in SDG 480-108913-1. Dichlorodifluoromethane was not detected in associated samples and the reporting limit was qualified as estimated (UJ) with reason LCSL. A summary of qualified sample results is presented on Table 3.

2.2 SEMIVOLATILE ORGANIC COMPOUNDS

The data were evaluated based on the following parameters:

- * Collection and Preservation
- * Holding Times
- Blanks
- LCS
- MS/MSD
- * Field duplicate
- * Surrogate Spikes
- Reporting Limits
- * Data Completeness
- * Electronic Data Verification
- * - Criteria were met for this parameter.

2.2.1 February Event

Blanks

Benzaldehyde (0.331 µg/L) was detected below the reporting limit in method blank batch 285982. An action limit was established at five times the reported blank concentration. Benzaldehyde result was less than action limits in sample BCC Area E DMH-E31 D_0216 and qualified as non-detect (U) at the reporting limit with reason code BL1.

LCS

The LCS percent recovery was less than the QC limit of 50 percent for caprolactam (37) in SDG 480-94612-1. Caprolactam was not detected in associated samples and the reporting limit was qualified as estimated (UJ) with reason LCSL. A summary of qualified sample result is presented on Table 3.

MS/MSD

The MS percent recoveries for 4-nitroaniline (47) was lower than the QC limit of 50. 4-Nitroaniline was not detected in BCC Area E DMH-E31_0216 and BCC Area E DMH-E31 D_0216, and reporting limits were qualified as estimated (UJ). A summary of qualified samples results is presented on Table 3 with reason code MSL.

The MS/ MSD percent recoveries for caprolactam (34/37) and 3,3'-dichlorobenzidine (22/21) were lower than the QC limit of 50. These compounds were not detected in BCC Area E DMH-E31_0216 and BCC Area E DMH-E31 D_0216, and reporting limits were qualified as estimated (UJ). A summary of qualified samples results is presented on Table 3 with reason code MSL/ MSDL.

2.2.1 May EventLCS

The LCS percent recovery was less than the QC limit of 50 percent for caprolactam (37) in SDG 480-99482-1. Caprolactam was not detected in associated samples and the reporting limit was qualified as estimated (UJ) with reason LCSL. A summary of qualified sample result is presented on Table 3.

MS/MSD

The MS and MSD percent recoveries for 2,6-dinitrotoluene (159/162) was higher than the QC limit of 140. This compound was detected in E DMH-E31_0516 and BCC Area E DMH-E31 D_0516, and results were qualified as estimated (J). A summary of qualified samples results is presented on Table 3 with reason codes MSH and MSDH.

The MS and MSD percent recovery for caprolactam (36/34) was lower than the QC limit of 50. caprolactam was not detected in BCC Area E DMH-E31_0516 and BCC Area E DMH-E31 D_0516, and reporting limits were qualified as estimated (UJ). A summary of qualified samples results is presented on Table 3 with reason code MSL and MSDL.

The MS and MSD percent recovery for bis(2-ethylhexyl)phthalate (0/0) was lower than the QC limit of 10. This compound was not detected in BCC Area E DMH-E31_0516 and BCC Area E DMH-E31 D_0516, and reporting limits were qualified as rejected (R). A summary of qualified samples results is presented on Table 3 with reason code MSL, MSDL.

Reporting Limits

The samples from location DMH-E31 was 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 E DMH-E31_0516	480-99482-1	SW8270D	5
BCC Area E DMH-E31 D_0516	480-99482-2	SW8270D	5

2.2.1 August Event

LCS

The LCS percent recovery was less than the QC limit of 50 percent for aniline (39) and caprolactam (30) in SDG 480-104757-1. Aniline and caprolactam were not detected in associated samples and the reporting limits were qualified as estimated (UJ) with reason LCSL. A summary of qualified sample result is presented on Table 3.

MS/MSD

The MS and/or MSD percent recoveries for aniline (51/49), bis (2-chloroisopropyl)ether (51/43), di-n-octyl phthalate (50/44), dibenz(a,h)anthracene (53/46), hexachloroethane (58/41), hexachlorocyclopentadiene (49/47) and indeno(1,2,3-cd)pyrene (56/47) were lower than the QC limit of 50. These compounds were not detected in BCC Area E DMH-E31_0816 and BCC Area E DMH-E31 D_0816, and reporting limits were qualified as estimated (UJ). A summary of qualified samples results is presented on Table 3 with reason code MSL and/or MSDL.

The compounds bis(2-ethylhexyl)phthalate (0/0) and caprolactam (0/0) were lower than the QC limit of 10. Bis(2-ethylhexyl)phthalate and caprolactam were not detected in BCC Area E DMH E31_0816 and BCC Area E DMH E31 D_0816, and reporting limits were qualified as (R) with reason code MSL,MSDL.

Reporting Limits

The sample from location DMH-E31 was 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 E DMH-E31_0816	480-104757-1	SW8270D	5
BCC Area E DMH-E31 D_0816	480-104757-2	SW8270D	5

2.2.1 November Event

LCS

The LCS percent recovery was less than the QC limit of 50 percent for aniline (44), benzaldehyde (46) and caprolactam (35) in SDG 480-108913-1. Aniline, benzaldehyde and caprolactam were not detected in associated samples and the reporting limits were qualified as estimated (UJ) with reason LCSL. A summary of qualified sample result is presented on Table 3.

MS/MSD

The MS and/or MSD percent recoveries for benzaldehyde (47/53), di-n-octyl phthalate (43/44), dibenz(a,h)anthracene (48/49), and indeno(1,2,3-cd)pyrene (49/51) were lower than the QC limit of 50. These compounds were not detected in BCC Area E DMH-E31_1116 and BCC Area E DMH-E31 D_1116, and reporting limits were qualified as estimated (UJ). A summary of qualified samples results is presented on Table 3 with reason code MSL and/or MSDL.

The MS and/or MSD recoveries for bis(2-ethylhexyl)phthalate (0/0) and caprolactam (0/34) were lower than the QC limit of 10. These compounds were not detected in BCC Area E DMH-E31_1116 and BCC Area E DMH-E31 D_1116, and reporting limits were qualified as rejected (R). A summary of qualified samples results is presented on Table 3 with reason code MSL and/or MSDL.

Reporting Limits

The sample from location DMH-E31 was 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 E DMH-E31_1116	480-108913-1	SW8270D	5
BCC Area E DMH-E31 D_1116	480-108913-2	SW8270D	5

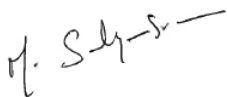
3.0 REFERENCES

- 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 24, 2017

Senior Chemist: Chris Ricardi, NRCC-EAC



February 1, 2017

TABLES

TABLE 1
SAMPLE AND ANALYTICAL SUMMARY
DATA VALIDATION SUMMARY REPORT
2016 AREA E QUARTERLY SURFACE WATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

				Parameter	VOCs	SVOCs
				Method	SW8260C	SW8270D
SDG	Field Sample ID	Location ID	Type	Date		
480-94612-1	BCC Area E DMH-E31_0216	DMH-E31	REG	2/2/2016	48	66
480-94612-1	BCC Area E DMH-E31 D_0216	DMH-E31	FD	2/2/2016	48	66
480-94612-1	Trip Blank Area E_020216	QC	TB	2/2/2016	48	
480-99482-1	BCC Area E DMH-E31_0516	DMH-E31	REG	5/5/2016	48	66
480-99482-1	BCC Area E DMH-E31 D_0516	DMH-E31	FD	5/5/2016	48	66
480-99482-1	TRIP BLANK_050316	QC	TB	5/5/2016	48	
480-104757-1	BCC Area E DMH-E31_0816	DMH-E31	REG	8/16/2016	48	66
480-104757-1	BCC Area E DMH-E31 D_0816	DMH-E31	FD	8/16/2016	48	66
480-104757-1	Trip Blank Area E_0816	QC	TB	8/16/2016	48	
480-108913-1	BCC Area E DMH-E31_1116	DMH-E31	REG	11/2/2016	48	66
480-108913-1	BCC Area E DMH-E31 D_1116	DMH-E31	FD	11/2/2016	48	66
480-108913-1	Trip Blank Area E_1116	QC	TB	11/2/2016	48	

Notes

REG: Regular sample

FD:Field duplicate

TB:Trip blank

TABLE 2
PROJECT PRECISION AND ACCURACY GOALS
DATA VALIDATION SUMMARY REPORT
2016 AREA E QUARTERLY SURFACE WATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

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

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 QA/QC Objectives

TABLE 3
VALIDATON ACTIONS SUMMARY
DATA VALIDATION SUMMARY REPORT
2016 AREA E QUARTERLY SURFACE WATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area E DMH-E31_0216	REG	480-94612-1	SW8270	3,3'-Dichlorobenzidine	4.8	U,F1	UJ	MSL,MSDL	µg/L
BCC Area E DMH-E31_0216	REG	480-94612-1	SW8270	4-Nitroaniline	9.7	U,F1	UJ	MSL	µg/L
BCC Area E DMH-E31_0216	REG	480-94612-1	SW8270	Caprolactam	4.8	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area E DMH-E31 D_0216	FD	480-94612-1	SW8270	3,3'-Dichlorobenzidine	4.8	U	UJ	MSL,MSDL	µg/L
BCC Area E DMH-E31 D_0216	FD	480-94612-1	SW8270	4-Nitroaniline	9.5	U	UJ	MSL	µg/L
BCC Area E DMH-E31 D_0216	FD	480-94612-1	SW8270	Benzaldehyde	4.8	J,B	U	BL1	µg/L
BCC Area E DMH-E31 D_0216	FD	480-94612-1	SW8270	Caprolactam	4.8	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area E DMH-E31_0516	REG	480-99482-1	SW8270	2,6-Dinitrotoluene	41	F1	J	MSH,MSDH	µg/L
BCC Area E DMH-E31_0516	REG	480-99482-1	SW8270	Bis(2-ethylhexyl) phthalate	24	U,F1	R	MSL,MSDL	µg/L
BCC Area E DMH-E31_0516	REG	480-99482-1	SW8270	Caprolactam	24	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area E DMH-E31 D_0516	FD	480-99482-1	SW8270	2,6-Dinitrotoluene	39		J	MSH,MSDH	µg/L
BCC Area E DMH-E31 D_0516	FD	480-99482-1	SW8270	Bis(2-ethylhexyl) phthalate	24	U	R	MSL,MSDL	µg/L
BCC Area E DMH-E31 D_0516	FD	480-99482-1	SW8270	Caprolactam	24	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area E DMH-E31_0816	REG	480-104757-1	SW8270	Aniline	46	U	UJ	LCSL,MSDL	µg/L
BCC Area E DMH-E31_0816	REG	480-104757-1	SW8270	Caprolactam	23	U	R	LCSL,MSL,MSDL	µg/L
BCC Area E DMH-E31_0816	REG	480-104757-1	SW8270	bis (2-chloroisopropyl) ether	23	U	UJ	MSDL	µg/L
BCC Area E DMH-E31_0816	REG	480-104757-1	SW8270	Di-n-octyl phthalate	23	U	UJ	MSDL	µg/L
BCC Area E DMH-E31_0816	REG	480-104757-1	SW8270	Dibenz(a,h)anthracene	23	U	UJ	MSDL	µg/L
BCC Area E DMH-E31_0816	REG	480-104757-1	SW8270	Hexachloroethane	23	U	UJ	MSDL	µg/L
BCC Area E DMH-E31_0816	REG	480-104757-1	SW8270	Indeno(1,2,3-cd)pyrene	23	U	UJ	MSDL	µg/L
BCC Area E DMH-E31_0816	REG	480-104757-1	SW8270	Bis(2-ethylhexyl) phthalate	23	U	R	MSL,MSDL	µg/L
BCC Area E DMH-E31_0816	REG	480-104757-1	SW8270	Hexachlorocyclopentadiene	23	U	UJ	MSL,MSDL	µg/L
BCC Area E DMH-E31 D_0816	FD	480-104757-1	SW8270	Aniline	47	U	UJ	LCSL,MSDL	µg/L
BCC Area E DMH-E31 D_0816	FD	480-104757-1	SW8270	Caprolactam	23	U,F1	R	LCSL,MSL,MSDL	µg/L
BCC Area E DMH-E31 D_0816	FD	480-104757-1	SW8270	bis (2-chloroisopropyl) ether	23	U	UJ	MSDL	µg/L
BCC Area E DMH-E31 D_0816	FD	480-104757-1	SW8270	Di-n-octyl phthalate	23	U,F1	UJ	MSDL	µg/L
BCC Area E DMH-E31 D_0816	FD	480-104757-1	SW8270	Dibenz(a,h)anthracene	23	U,F1	UJ	MSDL	µg/L
BCC Area E DMH-E31 D_0816	FD	480-104757-1	SW8270	Hexachloroethane	23	U	UJ	MSDL	µg/L
BCC Area E DMH-E31 D_0816	FD	480-104757-1	SW8270	Indeno(1,2,3-cd)pyrene	23	U,F1,F2	UJ	MSDL	µg/L
BCC Area E DMH-E31 D_0816	FD	480-104757-1	SW8270	Bis(2-ethylhexyl) phthalate	23	U,F1	R	MSL,MSDL	µg/L
BCC Area E DMH-E31 D_0816	FD	480-104757-1	SW8270	Hexachlorocyclopentadiene	23	U	UJ	MSL,MSDL	µg/L
BCC Area E DMH-E31_1116	REG	480-108913-1	SW8270	Aniline	46	U	UJ	LCSL	µg/L
BCC Area E DMH-E31_1116	REG	480-108913-1	SW8270	Benzaldehyde	23	U	UJ	LCSL,MSL	µg/L
BCC Area E DMH-E31_1116	REG	480-108913-1	SW8270	Bis(2-ethylhexyl) phthalate	23	U,F1	R	MSL,MSDL	µg/L
BCC Area E DMH-E31_1116	REG	480-108913-1	SW8270	Caprolactam	23	U,F1	R	LCSL,MSL,MSDL	µg/L
BCC Area E DMH-E31_1116	REG	480-108913-1	SW8270	Dibenz(a,h)anthracene	23	U,F1	UJ	MSL,MSDL	µg/L
BCC Area E DMH-E31_1116	REG	480-108913-1	SW8260	Dichlorodifluoromethane	1.0	U	UJ	LCSL	µg/L
BCC Area E DMH-E31_1116	REG	480-108913-1	SW8270	Di-n-octyl phthalate	23	U,F1	UJ	MSL,MSDL	µg/L
BCC Area E DMH-E31_1116	REG	480-108913-1	SW8270	Indeno(1,2,3-cd)pyrene	23	U,F1	UJ	MSL	µg/L
BCC Area E DMH-E31 D_1116	FD	480-108913-1	SW8270	Benzaldehyde	23	U	UJ	MSL	µg/L

TABLE 3
VALIDATON ACTIONS SUMMARY
DATA VALIDATION SUMMARY REPORT
2016 AREA E QUARTERLY SURFACE WATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area E DMH-E31 D_1116	FD	480-108913-1	SW8270	Bis(2-ethylhexyl) phthalate	23	U	R	MSL,MSDL	µg/L
BCC Area E DMH-E31 D_1116	FD	480-108913-1	SW8270	Caprolactam	23	U	R	MSL,MSDL	µg/L
BCC Area E DMH-E31 D_1116	FD	480-108913-1	SW8270	Dibenz(a,h)anthracene	23	U	UJ	MSL,MSDL	µg/L
BCC Area E DMH-E31 D_1116	FD	480-108913-1	SW8270	Di-n-octyl phthalate	23	U	UJ	MSL,MSDL	µg/L
BCC Area E DMH-E31 D_1116	FD	480-108913-1	SW8270	Indeno(1,2,3-cd)pyrene	23	U	UJ	MSL	µg/L

Notes:

FD = Field duplicate exceeds RPD criteria

LCSL= LCS recovery less than the lower limit

MSH= Matrix spike recovery greater than the upper limit

MSDH= Matrix spike duplicate recovery greater than the upper limit

MSL= Matrix spike recovery less than the lower limit

MSDL= Matrix spike duplicate recovery less than the lower limit

J= Estimated

U= Undetected

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E QUARTERLY SURFACE WATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E DMH-E31_0216 DMH-E31 02/02/2016 480-94612-1	BCC Area E DMH-E31 D_0216 DMH-E31 02/02/2016 480-94612-1	Trip Blank Area E_020216 QC 02/02/2016 480-94612-1
Units	Method	Parameter Name			
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.8	1.9	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	15	15	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.7	1.7	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	5.4	5.4	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U	10 U
µg/L	SW8260	Benzene	3.8	3.6	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	29	29	3.7
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	0.89 J	0.87 J	1.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E QUARTERLY SURFACE WATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E DMH-E31_0216 DMH-E31 02/02/2016 480-94612-1	BCC Area E DMH-E31 D_0216 DMH-E31 02/02/2016 480-94612-1	Trip Blank Area E_020216 QC 02/02/2016 480-94612-1
Units	Method	Parameter Name			
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	0.58 J	0.51 J	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.8 U	4.8 U	
µg/L	SW8270	2,4,6-Trichlorophenol	4.8 U	4.8 U	
µg/L	SW8270	2,4-Dichlorophenol	4.8 U	4.8 U	
µg/L	SW8270	2,4-Dimethylphenol	4.8 U	4.8 U	
µg/L	SW8270	2,4-Dinitrophenol	9.7 U	9.5 U	
µg/L	SW8270	2,4-Dinitrotoluene	47	54	
µg/L	SW8270	2,6-Dinitrotoluene	93	110	
µg/L	SW8270	2-Chloronaphthalene	4.8 U	4.8 U	
µg/L	SW8270	2-Chlorophenol	4.8 U	0.50 J	
µg/L	SW8270	2-Methylnaphthalene	4.8 U	4.8 U	
µg/L	SW8270	2-Methylphenol	4.8 U	4.8 U	
µg/L	SW8270	2-Nitroaniline	9.7 U	9.5 U	
µg/L	SW8270	2-Nitrophenol	4.8 U	4.8 U	
µg/L	SW8270	3,3'-Dichlorobenzidine	4.8 UJ	4.8 UJ	
µg/L	SW8270	3-Nitroaniline	0.86 J	0.96 J	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.7 U	9.5 U	
µg/L	SW8270	4-Bromophenyl phenyl ether	4.8 U	4.8 U	
µg/L	SW8270	4-Chloro-3-methylphenol	4.8 U	4.8 U	
µg/L	SW8270	4-Chloroaniline	4.8 U	2.9 J	
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.8 U	4.8 U	

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E QUARTERLY SURFACE WATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E DMH-E31_0216 DMH-E31 02/02/2016 480-94612-1	BCC Area E DMH-E31 D_0216 DMH-E31 02/02/2016 480-94612-1	Trip Blank Area E_020216 QC 02/02/2016 480-94612-1
Units	Method	Parameter Name			
µg/L	SW8270	4-Methylphenol	9.7 U	9.5 U	
µg/L	SW8270	4-Nitroaniline	9.7 UJ	9.5 UJ	
µg/L	SW8270	4-Nitrophenol	9.7 U	9.5 U	
µg/L	SW8270	Acenaphthene	0.81 J	0.90 J	
µg/L	SW8270	Acenaphthylene	4.8 U	4.8 U	
µg/L	SW8270	Acetophenone	4.8 U	4.8 U	
µg/L	SW8270	Aniline	14	16	
µg/L	SW8270	Anthracene	4.8 U	4.8 U	
µg/L	SW8270	Atrazine	4.8 U	4.8 U	
µg/L	SW8270	Benzaldehyde	4.8 U	4.8 U	
µg/L	SW8270	Benzo(a)anthracene	4.8 U	4.8 U	
µg/L	SW8270	Benzo(a)pyrene	4.8 U	4.8 U	
µg/L	SW8270	Benzo(b)fluoranthene	4.8 U	4.8 U	
µg/L	SW8270	Benzo(g,h,i)perylene	4.8 U	4.8 U	
µg/L	SW8270	Benzo(k)fluoranthene	4.8 U	4.8 U	
µg/L	SW8270	Biphenyl	4.8 U	4.8 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.8 U	4.8 U	
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.8 U	4.8 U	
µg/L	SW8270	Bis(2-chloroethyl)ether	4.8 U	4.8 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.8 U	4.8 U	
µg/L	SW8270	Butyl benzyl phthalate	4.8 U	4.8 U	
µg/L	SW8270	Caprolactam	4.8 UJ	4.8 UJ	
µg/L	SW8270	Carbazole	1.5 J	1.5 J	
µg/L	SW8270	Chrysene	4.8 U	4.8 U	
µg/L	SW8270	Dibenz(a,h)anthracene	4.8 U	4.8 U	
µg/L	SW8270	Dibenzofuran	9.7 U	9.5 U	
µg/L	SW8270	Diethyl phthalate	4.8 U	4.8 U	
µg/L	SW8270	Dimethyl phthalate	4.8 U	4.8 U	
µg/L	SW8270	Di-n-butyl phthalate	4.8 U	4.8 U	
µg/L	SW8270	Di-n-octyl phthalate	4.8 U	4.8 U	
µg/L	SW8270	Fluoranthene	4.8 U	4.8 U	
µg/L	SW8270	Fluorene	0.47 J	0.50 J	
µg/L	SW8270	Hexachlorobenzene	4.8 U	4.8 U	
µg/L	SW8270	Hexachlorobutadiene	4.8 U	4.8 U	

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E QUARTERLY SURFACE WATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E DMH-E31_0216 DMH-E31 02/02/2016 480-94612-1	BCC Area E DMH-E31 D_0216 DMH-E31 02/02/2016 480-94612-1	Trip Blank Area E_020216 QC 02/02/2016 480-94612-1
Units	Method	Parameter Name			
µg/L	SW8270	Hexachlorocyclopentadiene	4.8 U	4.8 U	
µg/L	SW8270	Hexachloroethane	4.8 U	4.8 U	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.8 U	4.8 U	
µg/L	SW8270	Isophorone	4.8 U	4.8 U	
µg/L	SW8270	Naphthalene	1.1 J	1.2 J	
µg/L	SW8270	Nitrobenzene	1.3 J	4.8 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.8 U	4.8 U	
µg/L	SW8270	N-Nitrosodiphenylamine	4.8 U	4.8 U	
µg/L	SW8270	Pentachlorophenol	9.7 U	9.5 U	
µg/L	SW8270	Phenanthrene	0.52 J	0.52 J	
µg/L	SW8270	Phenol	0.72 J	4.8 U	
µg/L	SW8270	Pyrene	4.8 U	4.8 U	

Notes

U = undetected

J = estimated value

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E QUARTERLY SURFACE WATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E DMH-E31 D_0516 DMH-E31 05/03/2016 480-99482-1	BCC Area E DMH-E31_0516 DMH-E31 05/03/2016 480-99482-1	TRIP BLANK_050316 QC 05/03/2016 480-99482-1
Units	Method	Parameter Name			
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.1	1.1	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	7.0	7.1	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	0.89 J	0.97 J	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	2.5	2.6	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U	10 U
µg/L	SW8260	Benzene	1.1	1.2	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	12	12	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E QUARTERLY SURFACE WATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E DMH-E31 D_0516 DMH-E31 05/03/2016 480-99482-1	BCC Area E DMH-E31_0516 DMH-E31 05/03/2016 480-99482-1	TRIP BLANK_050316 QC 05/03/2016 480-99482-1
Units	Method	Parameter Name			
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	24 U	24 U	
µg/L	SW8270	2,4,6-Trichlorophenol	24 U	24 U	
µg/L	SW8270	2,4-Dichlorophenol	24 U	24 U	
µg/L	SW8270	2,4-Dimethylphenol	24 U	24 U	
µg/L	SW8270	2,4-Dinitrophenol	48 U	47 U	
µg/L	SW8270	2,4-Dinitrotoluene	9.7 J	11 J	
µg/L	SW8270	2,6-Dinitrotoluene	39 J	41 J	
µg/L	SW8270	2-Chloronaphthalene	24 U	24 U	
µg/L	SW8270	2-Chlorophenol	24 U	24 U	
µg/L	SW8270	2-Methylnaphthalene	24 U	24 U	
µg/L	SW8270	2-Methylphenol	24 U	24 U	
µg/L	SW8270	2-Nitroaniline	48 U	47 U	
µg/L	SW8270	2-Nitrophenol	24 U	24 U	
µg/L	SW8270	3,3'-Dichlorobenzidine	24 U	24 U	
µg/L	SW8270	3-Nitroaniline	48 U	47 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	48 U	47 U	
µg/L	SW8270	4-Bromophenyl phenyl ether	24 U	24 U	
µg/L	SW8270	4-Chloro-3-methylphenol	24 U	24 U	
µg/L	SW8270	4-Chloroaniline	24 U	24 U	
µg/L	SW8270	4-Chlorophenyl phenyl ether	24 U	24 U	

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E QUARTERLY SURFACE WATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E DMH-E31 D_0516 DMH-E31 05/03/2016 480-99482-1	BCC Area E DMH-E31_0516 DMH-E31 05/03/2016 480-99482-1	TRIP BLANK_050316 QC 05/03/2016 480-99482-1
Units	Method	Parameter Name			
µg/L	SW8270	4-Methylphenol	48 U	47 U	
µg/L	SW8270	4-Nitroaniline	48 U	47 U	
µg/L	SW8270	4-Nitrophenol	48 U	47 U	
µg/L	SW8270	Acenaphthene	24 U	24 U	
µg/L	SW8270	Acenaphthylene	24 U	24 U	
µg/L	SW8270	Acetophenone	24 U	24 U	
µg/L	SW8270	Aniline	4.6 J	4.3 J	
µg/L	SW8270	Anthracene	24 U	24 U	
µg/L	SW8270	Atrazine	24 U	24 U	
µg/L	SW8270	Benzaldehyde	24 U	24 U	
µg/L	SW8270	Benzo(a)anthracene	24 U	24 U	
µg/L	SW8270	Benzo(a)pyrene	24 U	24 U	
µg/L	SW8270	Benzo(b)fluoranthene	24 U	24 U	
µg/L	SW8270	Benzo(g,h,i)perylene	24 U	24 U	
µg/L	SW8270	Benzo(k)fluoranthene	24 U	24 U	
µg/L	SW8270	Biphenyl	24 U	24 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether	24 U	24 U	
µg/L	SW8270	Bis(2-chloroethoxy)methane	24 U	24 U	
µg/L	SW8270	Bis(2-chloroethyl)ether	24 U	24 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	24 R	24 R	
µg/L	SW8270	Butyl benzyl phthalate	24 U	24 U	
µg/L	SW8270	Caprolactam	24 UJ	24 UJ	
µg/L	SW8270	Carbazole	24 U	24 U	
µg/L	SW8270	Chrysene	24 U	24 U	
µg/L	SW8270	Dibenz(a,h)anthracene	24 U	24 U	
µg/L	SW8270	Dibenzofuran	24 U	24 U	
µg/L	SW8270	Diethyl phthalate	24 U	24 U	
µg/L	SW8270	Dimethyl phthalate	48 U	47 U	
µg/L	SW8270	Di-n-butyl phthalate	24 U	24 U	
µg/L	SW8270	Di-n-octyl phthalate	24 U	24 U	
µg/L	SW8270	Fluoranthene	24 U	24 U	
µg/L	SW8270	Fluorene	24 U	24 U	
µg/L	SW8270	Hexachlorobenzene	24 U	24 U	
µg/L	SW8270	Hexachlorobutadiene	24 U	24 U	

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E QUARTERLY SURFACE WATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E DMH-E31 D_0516 DMH-E31 05/03/2016 480-99482-1	BCC Area E DMH-E31_0516 DMH-E31 05/03/2016 480-99482-1	TRIP BLANK_050316 QC 05/03/2016 480-99482-1
Units	Method	Parameter Name			
µg/L	SW8270	Hexachlorocyclopentadiene	24 U	24 U	
µg/L	SW8270	Hexachloroethane	24 U	24 U	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	24 U	24 U	
µg/L	SW8270	Isophorone	24 U	24 U	
µg/L	SW8270	Naphthalene	24 U	24 U	
µg/L	SW8270	Nitrobenzene	24 U	24 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine	24 U	24 U	
µg/L	SW8270	N-Nitrosodiphenylamine	24 U	24 U	
µg/L	SW8270	Pentachlorophenol	48 U	47 U	
µg/L	SW8270	Phenanthrene	24 U	24 U	
µg/L	SW8270	Phenol	24 U	24 U	
µg/L	SW8270	Pyrene	24 U	24 U	

Notes

U = undetected

J = estimated value

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E QUARTERLY SURFACE WATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E DMH-E31 D_0816 DMH-E31 08/18/2016 480-104757-1	BCC Area E DMH-E31_0816 DMH-E31 08/18/2016 480-104757-1	Trip Blank Area E_0816 QC 08/18/2016 480-104757-1
Units	Method	Parameter Name			
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	6.3	6.0	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.5	1.5	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	4.3	4.0	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 `
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	4.0 J	10 U
µg/L	SW8260	Benzene	2.6	2.7	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	0.96 J
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	20	20	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E QUARTERLY SURFACE WATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E DMH-E31 D_0816 DMH-E31 08/18/2016 480-104757-1	BCC Area E DMH-E31_0816 DMH-E31 08/18/2016 480-104757-1	Trip Blank Area E_0816 QC 08/18/2016 480-104757-1
Units	Method	Parameter Name			
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	23 U	23 U	
µg/L	SW8270	2,4,6-Trichlorophenol	23 U	23 U	
µg/L	SW8270	2,4-Dichlorophenol	23 U	23 U	
µg/L	SW8270	2,4-Dimethylphenol	23 U	23 U	
µg/L	SW8270	2,4-Dinitrophenol	46 U	47 U	
µg/L	SW8270	2,4-Dinitrotoluene	24	24	
µg/L	SW8270	2,6-Dinitrotoluene	77	75	
µg/L	SW8270	2-Chloronaphthalene	23 U	23 U	
µg/L	SW8270	2-Chlorophenol	23 U	23 U	
µg/L	SW8270	2-Methylnaphthalene	23 U	23 U	
µg/L	SW8270	2-Methylphenol	23 U	23 U	
µg/L	SW8270	2-Nitroaniline	46 U	47 U	
µg/L	SW8270	2-Nitrophenol	23 U	23 U	
µg/L	SW8270	3,3'-Dichlorobenzidine	23 U	23 U	
µg/L	SW8270	3-Nitroaniline	46 U	47 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	46 U	47 U	
µg/L	SW8270	4-Bromophenyl phenyl ether	23 U	23 U	
µg/L	SW8270	4-Chloro-3-methylphenol	23 U	23 U	
µg/L	SW8270	4-Chloroaniline	23 U	23 U	
µg/L	SW8270	4-Chlorophenyl phenyl ether	23 U	23 U	

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E QUARTERLY SURFACE WATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E DMH-E31 D_0816 DMH-E31 08/18/2016 480-104757-1	BCC Area E DMH-E31_0816 DMH-E31 08/18/2016 480-104757-1	Trip Blank Area E_0816 QC 08/18/2016 480-104757-1
Units	Method	Parameter Name			
µg/L	SW8270	4-Methylphenol	46 U	47 U	
µg/L	SW8270	4-Nitroaniline	46 U	47 U	
µg/L	SW8270	4-Nitrophenol	46 U	47 U	
µg/L	SW8270	Acenaphthene	23 U	23 U	
µg/L	SW8270	Acenaphthylene	23 U	23 U	
µg/L	SW8270	Acetophenone	23 U	23 U	
µg/L	SW8270	Aniline	46 UJ	47 UJ	
µg/L	SW8270	Anthracene	23 U	23 U	
µg/L	SW8270	Atrazine	23 U	23 U	
µg/L	SW8270	Benzaldehyde	23 U	23 U	
µg/L	SW8270	Benzo(a)anthracene	23 U	23 U	
µg/L	SW8270	Benzo(a)pyrene	23 U	23 U	
µg/L	SW8270	Benzo(b)fluoranthene	23 U	23 U	
µg/L	SW8270	Benzo(g,h,i)perylene	23 U	23 U	
µg/L	SW8270	Benzo(k)fluoranthene	23 U	23 U	
µg/L	SW8270	Biphenyl	23 U	23 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether	23 UJ	23 UJ	
µg/L	SW8270	Bis(2-chloroethoxy)methane	23 U	23 U	
µg/L	SW8270	Bis(2-chloroethyl)ether	23 U	23 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	23 R	23 R	
µg/L	SW8270	Butyl benzyl phthalate	23 U	23 U	
µg/L	SW8270	Caprolactam	23 R	23 R	
µg/L	SW8270	Carbazole	23 U	23 U	
µg/L	SW8270	Chrysene	23 U	23 U	
µg/L	SW8270	Dibenz(a,h)anthracene	23 U	23 U	
µg/L	SW8270	Dibenzofuran	23 UJ	23 UJ	
µg/L	SW8270	Diethyl phthalate	23 UJ	23 UJ	
µg/L	SW8270	Dimethyl phthalate	46 U	47 U	
µg/L	SW8270	Di-n-butyl phthalate	23 U	23 U	
µg/L	SW8270	Di-n-octyl phthalate	23 U	23 U	
µg/L	SW8270	Fluoranthene	23 U	23 U	
µg/L	SW8270	Fluorene	23 U	23 U	
µg/L	SW8270	Hexachlorobenzene	23 U	23 U	
µg/L	SW8270	Hexachlorobutadiene	23 U	23 U	

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E QUARTERLY SURFACE WATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E DMH-E31 D_0816 DMH-E31 08/18/2016 480-104757-1	BCC Area E DMH-E31_0816 DMH-E31 08/18/2016 480-104757-1	Trip Blank Area E_0816 QC 08/18/2016 480-104757-1
Units	Method	Parameter Name			
µg/L	SW8270	Hexachlorocyclopentadiene	23 UJ	23 UJ	
µg/L	SW8270	Hexachloroethane	23 UJ	23 UJ	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	23 UJ	23 UJ	
µg/L	SW8270	Isophorone	23 U	23 U	
µg/L	SW8270	Naphthalene	23 U	23 U	
µg/L	SW8270	Nitrobenzene	23 U	23 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine	23 U	23 U	
µg/L	SW8270	N-Nitrosodiphenylamine	23 U	23 U	
µg/L	SW8270	Pentachlorophenol	46 U	47 U	
µg/L	SW8270	Phenanthrene	23 U	23 U	
µg/L	SW8270	Phenol	23 U	23 U	
µg/L	SW8270	Pyrene	23 U	23 U	

Notes

U = undetected

J = estimated value

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E QUARTERLY SURFACE WATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E DMH-E31 D_1116 DMH-E31 11/02/2016 480-108913-1	BCC Area E DMH-E31_1116 DMH-E31 11/02/2016 480-108913-1	Trip Blank Area E_1116 QC 11/02/2016 480-108913-1
Units	Method	Parameter Name			
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	7.8	7.5	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	8.9	8.8	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	6.6	6.6	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	18	18	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	2.1 J	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	5.7 J	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	12	13	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 UJ	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E QUARTERLY SURFACE WATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E DMH-E31 D_1116 DMH-E31 11/02/2016 480-108913-1	BCC Area E DMH-E31_1116 DMH-E31 11/02/2016 480-108913-1	Trip Blank Area E_1116 QC 11/02/2016 480-108913-1
Units	Method	Parameter Name			
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	23 U	23 U	
µg/L	SW8270	2,4,6-Trichlorophenol	23 U	23 U	
µg/L	SW8270	2,4-Dichlorophenol	23 U	23 U	
µg/L	SW8270	2,4-Dimethylphenol	23 U	23 U	
µg/L	SW8270	2,4-Dinitrophenol	46 U	46 U	
µg/L	SW8270	2,4-Dinitrotoluene	4.5 J	4.3 J	
µg/L	SW8270	2,6-Dinitrotoluene	11 J	10 J	
µg/L	SW8270	2-Chloronaphthalene	23 U	23 U	
µg/L	SW8270	2-Chlorophenol	23 U	23 U	
µg/L	SW8270	2-Methylnaphthalene	23 U	23 U	
µg/L	SW8270	2-Methylphenol	23 U	23 U	
µg/L	SW8270	2-Nitroaniline	46 U	46 U	
µg/L	SW8270	2-Nitrophenol	23 U	23 U	
µg/L	SW8270	3,3'-Dichlorobenzidine	23 U	23 U	
µg/L	SW8270	3-Nitroaniline	46 U	46 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	46 U	46 U	
µg/L	SW8270	4-Bromophenyl phenyl ether	23 U	23 U	
µg/L	SW8270	4-Chloro-3-methylphenol	23 U	23 U	
µg/L	SW8270	4-Chloroaniline	23 U	23 U	
µg/L	SW8270	4-Chlorophenyl phenyl ether	23 U	23 U	

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E QUARTERLY SURFACE WATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E DMH-E31 D_1116 DMH-E31 11/02/2016 480-108913-1	BCC Area E DMH-E31_1116 DMH-E31 11/02/2016 480-108913-1	Trip Blank Area E_1116 QC 11/02/2016 480-108913-1
Units	Method	Parameter Name			
µg/L	SW8270	4-Methylphenol	46 U	46 U	
µg/L	SW8270	4-Nitroaniline	46 U	46 U	
µg/L	SW8270	4-Nitrophenol	46 U	46 U	
µg/L	SW8270	Acenaphthene	23 U	23 U	
µg/L	SW8270	Acenaphthylene	23 U	23 U	
µg/L	SW8270	Acetophenone	23 U	23 U	
µg/L	SW8270	Aniline	46 U	46 UJ	
µg/L	SW8270	Anthracene	23 U	23 U	
µg/L	SW8270	Atrazine	23 U	23 U	
µg/L	SW8270	Benzaldehyde	23 UJ	23 UJ	
µg/L	SW8270	Benzo(a)anthracene	23 U	23 U	
µg/L	SW8270	Benzo(a)pyrene	23 U	23 U	
µg/L	SW8270	Benzo(b)fluoranthene	23 U	23 U	
µg/L	SW8270	Benzo(g,h,i)perylene	23 U	23 U	
µg/L	SW8270	Benzo(k)fluoranthene	23 U	23 U	
µg/L	SW8270	Biphenyl	23 U	23 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether	23 U	23 U	
µg/L	SW8270	Bis(2-chloroethoxy)methane	23 U	23 U	
µg/L	SW8270	Bis(2-chloroethyl)ether	23 U	23 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	23 R	23 R	
µg/L	SW8270	Butyl benzyl phthalate	23 U	23 U	
µg/L	SW8270	Caprolactam	23 R	23 R	
µg/L	SW8270	Carbazole	23 U	23 U	
µg/L	SW8270	Chrysene	23 U	23 U	
µg/L	SW8270	Dibenz(a,h)anthracene	23 U	23 U	
µg/L	SW8270	Dibenzofuran	23 UJ	23 UJ	
µg/L	SW8270	Diethyl phthalate	23 UJ	23 UJ	
µg/L	SW8270	Dimethyl phthalate	46 U	46 U	
µg/L	SW8270	Di-n-butyl phthalate	23 U	23 U	
µg/L	SW8270	Di-n-octyl phthalate	23 U	23 U	
µg/L	SW8270	Fluoranthene	23 U	23 U	
µg/L	SW8270	Fluorene	23 U	23 U	
µg/L	SW8270	Hexachlorobenzene	23 U	23 U	
µg/L	SW8270	Hexachlorobutadiene	23 U	23 U	

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA E QUARTERLY SURFACE WATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA E
BUFFALO, NEW YORK

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E DMH-E31 D_1116 DMH-E31 11/02/2016 480-108913-1	BCC Area E DMH-E31_1116 DMH-E31 11/02/2016 480-108913-1	Trip Blank Area E_1116 QC 11/02/2016 480-108913-1
Units	Method	Parameter Name			
µg/L	SW8270	Hexachlorocyclopentadiene	23 U	23 U	
µg/L	SW8270	Hexachloroethane	23 U	23 U	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	23 UJ	23 UJ	
µg/L	SW8270	Isophorone	23 U	23 U	
µg/L	SW8270	Naphthalene	23 U	23 U	
µg/L	SW8270	Nitrobenzene	23 U	23 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine	23 U	23 U	
µg/L	SW8270	N-Nitrosodiphenylamine	23 U	23 U	
µg/L	SW8270	Pentachlorophenol	46 U	46 U	
µg/L	SW8270	Phenanthrene	23 U	23 U	
µg/L	SW8270	Phenol	23 U	23 U	
µg/L	SW8270	Pyrene	23 U	23 U	

Notes

U = undetected

J = estimated value

ATTACHMENT E
GROUNDWATER ANALYTICAL REPORTS

ATTACHMENT E-1
LNAPL MONITORING WELLS

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: 480-101675-1

Client Project/Site: Buffalo Color Area E NAPL Wells

Sampling Event: Buffalo Color Area E NAPL Wells - Annual

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Kirsten Colligan



Authorized for release by:

6/27/2016 3:04:47 PM

John Schove, Project Manager II

(716)504-9838

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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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Definitions/Glossary

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

TestAmerica Job ID: 480-101675-1

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.
F2	MS/MSD RPD exceeds control limits

GC/MS Semi VOA

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

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.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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)

Case Narrative

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

TestAmerica Job ID: 480-101675-1

Job ID: 480-101675-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-101675-1

Comments

No additional comments.

Receipt

The samples were received on 6/15/2016 3:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.5° C.

GC/MS VOA

Method(s) 8260C: The laboratory control sample (LCS) for batch 480-308017 exceeded control limits for the following analyte: 2-Hexanone. Unlike the calibration standards, this is due to the coelution with n-butyl Acetate, in the spiking solution. This does not indicate a performance issue with the spike recovery, but rather the laboratory's ability to measure the two analytes together in a combined spiking solution. Through the use of spectral analysis, the two compounds can be distinguished from one another if present in a client sample. The following samples were affected : BCC Area E MW-E08_0616 (480-101675-1), BCC Area E MW-E09_0616 (480-101675-2), BCC Area E MW-E10_0616 (480-101675-3), BCC Area E ICM-PZ-02S_0616 (480-101675-4), BCC Area E ICM-PZ-03S_0616 (480-101675-5) and TRIP BLANK (480-101675-7).

Method(s) 8260C: The laboratory control sample (LCS) for analytical batch 480-308017 recovered outside control limits for the following analyte: Methyl acetate. Methyl acetate has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified for the following samples BCC Area E MW-E08_0616 (480-101675-1), BCC Area E MW-E09_0616 (480-101675-2), BCC Area E MW-E10_0616 (480-101675-3), BCC Area E ICM-PZ-02S_0616 (480-101675-4), BCC Area E ICM-PZ-03S_0616 (480-101675-5) and TRIP BLANK (480-101675-7).

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 480-307218 recovered above the upper control limit for Benzaldehyde and Pentachlorophenol. 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 E MW-E08_0616 (480-101675-1), BCC Area E MW-E09_0616 (480-101675-2), BCC Area E MW-E10_0616 (480-101675-3) and BCC Area E ICM-PZ-02S_0616 (480-101675-4).

Method(s) 8270D: The following samples required a dilution due to the nature of the sample matrix: BCC Area E MW-E10_0616 (480-101675-3) and BCC Area E RFI-PZ-17_0616 (480-101675-6). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information. Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-307240 recovered above the upper control limit for Benzaldehyde and Pentachlorophenol. The sample associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: BCC Area E ICM-PZ-03S_0616 (480-101675-5).

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 E ICM-PZ-03S_0616 (480-101675-5). These results have been reported and qualified.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-307365 recovered above the upper control limit for Benzaldehyde and Pentachlorophenol. The samples associated with this CCV were non-detects or below client reporting limit for the affected analytes; therefore, the data have been reported. The following sample is impacted: BCC Area E RFI-PZ-17_0616 (480-101675-6).

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

Metals

Method(s) 6010C: The method blank for 480-306931 contained Total Barium above the reporting limit (RL). Associated sample(s) BCC

Case Narrative

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

TestAmerica Job ID: 480-101675-1

Job ID: 480-101675-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Area E MW-E10_0616 (480-101675-3), BCC Area E ICM-PZ-02S_0616 (480-101675-4), BCC Area E ICM-PZ-03S_0616 (480-101675-5) and BCC Area E RFI-PZ-17_0616 (480-101675-6) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

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 E NAPL Wells

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E MW-E08_0616

Lab Sample ID: 480-101675-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aluminum	0.075	J	0.20	0.060	mg/L	1			6010C	Total/NA
Barium	0.016	B	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	213		0.50	0.10	mg/L	1			6010C	Total/NA
Copper	0.0056	J	0.010	0.0016	mg/L	1			6010C	Total/NA
Iron	0.96		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	32.9		0.20	0.043	mg/L	1			6010C	Total/NA
Manganese	0.28	B	0.0030	0.00040	mg/L	1			6010C	Total/NA
Nickel	0.0068	J	0.010	0.0013	mg/L	1			6010C	Total/NA
Potassium	3.3		0.50	0.10	mg/L	1			6010C	Total/NA
Sodium	10.3	B	1.0	0.32	mg/L	1			6010C	Total/NA
Zinc	0.097	B	0.010	0.0015	mg/L	1			6010C	Total/NA

Client Sample ID: BCC Area E MW-E09_0616

Lab Sample ID: 480-101675-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,3-Dichlorobenzene	1.0		1.0	0.78	ug/L	1			8260C	Total/NA
Aluminum	0.24		0.20	0.060	mg/L	1			6010C	Total/NA
Barium	0.011	B	0.0020	0.00070	mg/L	1			6010C	Total/NA
Cadmium	0.0052		0.0020	0.00050	mg/L	1			6010C	Total/NA
Calcium	470		0.50	0.10	mg/L	1			6010C	Total/NA
Cobalt	0.012		0.0040	0.00063	mg/L	1			6010C	Total/NA
Copper	0.067		0.010	0.0016	mg/L	1			6010C	Total/NA
Iron	0.66		0.050	0.019	mg/L	1			6010C	Total/NA
Magnesium	43.5		0.20	0.043	mg/L	1			6010C	Total/NA
Manganese	1.7	B	0.0030	0.00040	mg/L	1			6010C	Total/NA
Nickel	0.049		0.010	0.0013	mg/L	1			6010C	Total/NA
Potassium	2.9		0.50	0.10	mg/L	1			6010C	Total/NA
Sodium	9.0	B	1.0	0.32	mg/L	1			6010C	Total/NA
Zinc	1.2	B	0.010	0.0015	mg/L	1			6010C	Total/NA

Client Sample ID: BCC Area E MW-E10_0616

Lab Sample ID: 480-101675-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	4.4	J	10	3.0	ug/L	1			8260C	Total/NA
Barium	0.040	B	0.0020	0.00070	mg/L	1			6010C	Total/NA
Cadmium	0.00075	J	0.0020	0.00050	mg/L	1			6010C	Total/NA
Calcium	510		0.50	0.10	mg/L	1			6010C	Total/NA
Iron	19.1		0.050	0.019	mg/L	1			6010C	Total/NA
Magnesium	75.1		0.20	0.043	mg/L	1			6010C	Total/NA
Manganese	1.4	B	0.0030	0.00040	mg/L	1			6010C	Total/NA
Potassium	3.1		0.50	0.10	mg/L	1			6010C	Total/NA
Sodium	10.0	B	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 E ICM-PZ-02S_0616

Lab Sample ID: 480-101675-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	3.6	J	10	3.0	ug/L	1			8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E ICM-PZ-02S_0616 (Continued)

Lab Sample ID: 480-101675-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.080	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.011	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.30	B	0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	249		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	20.3		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	39.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.70	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	6.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	17.3	B	1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0029	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E ICM-PZ-03S_0616

Lab Sample ID: 480-101675-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.21	B	0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00069	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	340		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	6.9		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	70.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.6	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	7.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	13.3	B	1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-PZ-17_0616

Lab Sample ID: 480-101675-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.5	J	10	3.0	ug/L	1		8260C	Total/NA
Barium	0.11	B	0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	350		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.38		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	50.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.15	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	3.0		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	11.9	B	1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-101675-7

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E MW-E08_0616

Lab Sample ID: 480-101675-1

Date Collected: 06/15/16 11:25

Matrix: Water

Date Received: 06/15/16 15:45

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			06/23/16 02:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/16 02:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/16 02:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/16 02:16	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/23/16 02:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/23/16 02:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/16 02:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/16 02:16	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/16 02:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/16 02:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/16 02:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/16 02:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/23/16 02:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/16 02:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/16 02:16	1
2-Hexanone	ND	*	5.0	1.2	ug/L			06/23/16 02:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/16 02:16	1
Acetone	ND		10	3.0	ug/L			06/23/16 02:16	1
Benzene	ND		1.0	0.41	ug/L			06/23/16 02:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/16 02:16	1
Bromoform	ND		1.0	0.26	ug/L			06/23/16 02:16	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/16 02:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/16 02:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/16 02:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/16 02:16	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/16 02:16	1
Chloroform	ND		1.0	0.34	ug/L			06/23/16 02:16	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/16 02:16	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/23/16 02:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/16 02:16	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/16 02:16	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/16 02:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/23/16 02:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/16 02:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/16 02:16	1
Methyl acetate	ND	*	2.5	1.3	ug/L			06/23/16 02:16	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/23/16 02:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/16 02:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/16 02:16	1
Styrene	ND		1.0	0.73	ug/L			06/23/16 02:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/16 02:16	1
Toluene	ND		1.0	0.51	ug/L			06/23/16 02:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/23/16 02:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/16 02:16	1
Trichloroethene	ND		1.0	0.46	ug/L			06/23/16 02:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/16 02:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/23/16 02:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/16 02:16	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E MW-E08_0616

Lab Sample ID: 480-101675-1

Date Collected: 06/15/16 11:25

Matrix: Water

Date Received: 06/15/16 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		66 - 137		06/23/16 02:16	1
4-Bromofluorobenzene (Surr)	92		73 - 120		06/23/16 02:16	1
Toluene-d8 (Surr)	93		71 - 126		06/23/16 02:16	1
Dibromofluoromethane (Surr)	107		60 - 140		06/23/16 02:16	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		06/16/16 10:55	06/17/16 22:00	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		06/16/16 10:55	06/17/16 22:00	1
2,4-Dichlorophenol	ND		4.7	0.47	ug/L		06/16/16 10:55	06/17/16 22:00	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		06/16/16 10:55	06/17/16 22:00	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		06/16/16 10:55	06/17/16 22:00	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		06/16/16 10:55	06/17/16 22:00	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		06/16/16 10:55	06/17/16 22:00	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		06/16/16 10:55	06/17/16 22:00	1
2-Chlorophenol	ND		4.7	0.49	ug/L		06/16/16 10:55	06/17/16 22:00	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		06/16/16 10:55	06/17/16 22:00	1
2-Methylphenol	ND		4.7	0.37	ug/L		06/16/16 10:55	06/17/16 22:00	1
2-Nitroaniline	ND		9.3	0.39	ug/L		06/16/16 10:55	06/17/16 22:00	1
2-Nitrophenol	ND		4.7	0.45	ug/L		06/16/16 10:55	06/17/16 22:00	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		06/16/16 10:55	06/17/16 22:00	1
3-Nitroaniline	ND		9.3	0.45	ug/L		06/16/16 10:55	06/17/16 22:00	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		06/16/16 10:55	06/17/16 22:00	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		06/16/16 10:55	06/17/16 22:00	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		06/16/16 10:55	06/17/16 22:00	1
4-Chloroaniline	ND		4.7	0.55	ug/L		06/16/16 10:55	06/17/16 22:00	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		06/16/16 10:55	06/17/16 22:00	1
4-Methylphenol	ND		9.3	0.33	ug/L		06/16/16 10:55	06/17/16 22:00	1
4-Nitroaniline	ND		9.3	0.23	ug/L		06/16/16 10:55	06/17/16 22:00	1
4-Nitrophenol	ND		9.3	1.4	ug/L		06/16/16 10:55	06/17/16 22:00	1
Acenaphthene	ND		4.7	0.38	ug/L		06/16/16 10:55	06/17/16 22:00	1
Acenaphthylene	ND		4.7	0.35	ug/L		06/16/16 10:55	06/17/16 22:00	1
Acetophenone	ND		4.7	0.50	ug/L		06/16/16 10:55	06/17/16 22:00	1
Aniline	ND		9.3	0.57	ug/L		06/16/16 10:55	06/17/16 22:00	1
Anthracene	ND		4.7	0.26	ug/L		06/16/16 10:55	06/17/16 22:00	1
Atrazine	ND		4.7	0.43	ug/L		06/16/16 10:55	06/17/16 22:00	1
Benzaldehyde	ND		4.7	0.25	ug/L		06/16/16 10:55	06/17/16 22:00	1
Benzo(a)anthracene	ND		4.7	0.33	ug/L		06/16/16 10:55	06/17/16 22:00	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		06/16/16 10:55	06/17/16 22:00	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		06/16/16 10:55	06/17/16 22:00	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		06/16/16 10:55	06/17/16 22:00	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		06/16/16 10:55	06/17/16 22:00	1
Biphenyl	ND		4.7	0.61	ug/L		06/16/16 10:55	06/17/16 22:00	1
bis (2-chloroisopropyl) ether	ND		4.7	0.48	ug/L		06/16/16 10:55	06/17/16 22:00	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		06/16/16 10:55	06/17/16 22:00	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		06/16/16 10:55	06/17/16 22:00	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.0	ug/L		06/16/16 10:55	06/17/16 22:00	1
Butyl benzyl phthalate	ND		4.7	0.93	ug/L		06/16/16 10:55	06/17/16 22:00	1
Caprolactam	ND		4.7	2.0	ug/L		06/16/16 10:55	06/17/16 22:00	1
Carbazole	ND		4.7	0.28	ug/L		06/16/16 10:55	06/17/16 22:00	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E MW-E08_0616

Lab Sample ID: 480-101675-1

Date Collected: 06/15/16 11:25

Matrix: Water

Date Received: 06/15/16 15:45

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		06/16/16 10:55	06/17/16 22:00	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		06/16/16 10:55	06/17/16 22:00	1
Dibenzofuran	ND		9.3	0.47	ug/L		06/16/16 10:55	06/17/16 22:00	1
Diethyl phthalate	ND		4.7	0.20	ug/L		06/16/16 10:55	06/17/16 22:00	1
Dimethyl phthalate	ND		4.7	0.33	ug/L		06/16/16 10:55	06/17/16 22:00	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		06/16/16 10:55	06/17/16 22:00	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		06/16/16 10:55	06/17/16 22:00	1
Fluoranthene	ND		4.7	0.37	ug/L		06/16/16 10:55	06/17/16 22:00	1
Fluorene	ND		4.7	0.33	ug/L		06/16/16 10:55	06/17/16 22:00	1
Hexachlorobenzene	ND		4.7	0.47	ug/L		06/16/16 10:55	06/17/16 22:00	1
Hexachlorobutadiene	ND		4.7	0.63	ug/L		06/16/16 10:55	06/17/16 22:00	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		06/16/16 10:55	06/17/16 22:00	1
Hexachloroethane	ND		4.7	0.55	ug/L		06/16/16 10:55	06/17/16 22:00	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		06/16/16 10:55	06/17/16 22:00	1
Isophorone	ND		4.7	0.40	ug/L		06/16/16 10:55	06/17/16 22:00	1
Naphthalene	ND		4.7	0.71	ug/L		06/16/16 10:55	06/17/16 22:00	1
Nitrobenzene	ND		4.7	0.27	ug/L		06/16/16 10:55	06/17/16 22:00	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		06/16/16 10:55	06/17/16 22:00	1
N-Nitrosodiphenylamine	ND		4.7	0.47	ug/L		06/16/16 10:55	06/17/16 22:00	1
Pentachlorophenol	ND		9.3	2.0	ug/L		06/16/16 10:55	06/17/16 22:00	1
Phenanthrene	ND		4.7	0.41	ug/L		06/16/16 10:55	06/17/16 22:00	1
Phenol	ND		4.7	0.36	ug/L		06/16/16 10:55	06/17/16 22:00	1
Pyrene	ND		4.7	0.32	ug/L		06/16/16 10:55	06/17/16 22:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	98		52 - 132	06/16/16 10:55	06/17/16 22:00	1
2-Fluorobiphenyl	75		48 - 120	06/16/16 10:55	06/17/16 22:00	1
2-Fluorophenol	50		20 - 120	06/16/16 10:55	06/17/16 22:00	1
Nitrobenzene-d5	66		46 - 120	06/16/16 10:55	06/17/16 22:00	1
Phenol-d5	37		16 - 120	06/16/16 10:55	06/17/16 22:00	1
p-Terphenyl-d14	79		67 - 150	06/16/16 10:55	06/17/16 22:00	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.075	J	0.20	0.060	mg/L		06/16/16 07:34	06/16/16 19:25	1
Antimony	ND		0.020	0.0068	mg/L		06/16/16 07:34	06/16/16 19:25	1
Arsenic	ND		0.015	0.0056	mg/L		06/16/16 07:34	06/16/16 19:25	1
Barium	0.016	B	0.0020	0.00070	mg/L		06/16/16 07:34	06/16/16 19:25	1
Beryllium	ND		0.0020	0.00030	mg/L		06/16/16 07:34	06/16/16 19:25	1
Cadmium	0.0014	J	0.0020	0.00050	mg/L		06/16/16 07:34	06/16/16 19:25	1
Calcium	213		0.50	0.10	mg/L		06/16/16 07:34	06/16/16 19:25	1
Chromium	ND		0.0040	0.0010	mg/L		06/16/16 07:34	06/16/16 19:25	1
Cobalt	ND		0.0040	0.00063	mg/L		06/16/16 07:34	06/16/16 19:25	1
Copper	0.0056	J	0.010	0.0016	mg/L		06/16/16 07:34	06/16/16 19:25	1
Iron	0.96		0.050	0.019	mg/L		06/16/16 07:34	06/16/16 19:25	1
Lead	0.0042	J	0.010	0.0030	mg/L		06/16/16 07:34	06/16/16 19:25	1
Magnesium	32.9		0.20	0.043	mg/L		06/16/16 07:34	06/16/16 19:25	1
Manganese	0.28	B	0.0030	0.00040	mg/L		06/16/16 07:34	06/16/16 19:25	1
Nickel	0.0068	J	0.010	0.0013	mg/L		06/16/16 07:34	06/16/16 19:25	1
Potassium	3.3		0.50	0.10	mg/L		06/16/16 07:34	06/16/16 19:25	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E MW-E08_0616

Lab Sample ID: 480-101675-1

Date Collected: 06/15/16 11:25

Matrix: Water

Date Received: 06/15/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/16/16 07:34	06/16/16 19:25	1
Silver	ND		0.0060	0.0017	mg/L		06/16/16 07:34	06/16/16 19:25	1
Sodium	10.3	B	1.0	0.32	mg/L		06/16/16 07:34	06/16/16 19:25	1
Thallium	ND		0.020	0.010	mg/L		06/16/16 07:34	06/16/16 19:25	1
Vanadium	ND		0.0050	0.0015	mg/L		06/16/16 07:34	06/16/16 19:25	1
Zinc	0.097	B	0.010	0.0015	mg/L		06/16/16 07:34	06/16/16 19:25	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/16 06:30	06/21/16 12:45	1

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E MW-E09_0616

Lab Sample ID: 480-101675-2

Date Collected: 06/15/16 12:12

Matrix: Water

Date Received: 06/15/16 15:45

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			06/23/16 02:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/16 02:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/16 02:41	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/16 02:41	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/23/16 02:41	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/23/16 02:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/16 02:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/16 02:41	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/16 02:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/16 02:41	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/16 02:41	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/16 02:41	1
1,3-Dichlorobenzene	1.0		1.0	0.78	ug/L			06/23/16 02:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/16 02:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/16 02:41	1
2-Hexanone	ND	*	5.0	1.2	ug/L			06/23/16 02:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/16 02:41	1
Acetone	ND		10	3.0	ug/L			06/23/16 02:41	1
Benzene	ND		1.0	0.41	ug/L			06/23/16 02:41	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/16 02:41	1
Bromoform	ND		1.0	0.26	ug/L			06/23/16 02:41	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/16 02:41	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/16 02:41	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/16 02:41	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/16 02:41	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/16 02:41	1
Chloroform	ND		1.0	0.34	ug/L			06/23/16 02:41	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/16 02:41	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/23/16 02:41	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/16 02:41	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/16 02:41	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/16 02:41	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/23/16 02:41	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/16 02:41	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/16 02:41	1
Methyl acetate	ND	*	2.5	1.3	ug/L			06/23/16 02:41	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/23/16 02:41	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/16 02:41	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/16 02:41	1
Styrene	ND		1.0	0.73	ug/L			06/23/16 02:41	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/16 02:41	1
Toluene	ND		1.0	0.51	ug/L			06/23/16 02:41	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/23/16 02:41	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/16 02:41	1
Trichloroethene	ND		1.0	0.46	ug/L			06/23/16 02:41	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/16 02:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/23/16 02:41	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/16 02:41	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E MW-E09_0616

Lab Sample ID: 480-101675-2

Date Collected: 06/15/16 12:12

Matrix: Water

Date Received: 06/15/16 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		06/23/16 02:41	1
4-Bromofluorobenzene (Surr)	94		73 - 120		06/23/16 02:41	1
Toluene-d8 (Surr)	95		71 - 126		06/23/16 02:41	1
Dibromofluoromethane (Surr)	108		60 - 140		06/23/16 02:41	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		06/16/16 10:55	06/17/16 22:28	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		06/16/16 10:55	06/17/16 22:28	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		06/16/16 10:55	06/17/16 22:28	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		06/16/16 10:55	06/17/16 22:28	1
2,4-Dinitrophenol	ND		9.2	2.0	ug/L		06/16/16 10:55	06/17/16 22:28	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		06/16/16 10:55	06/17/16 22:28	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		06/16/16 10:55	06/17/16 22:28	1
2-Chloronaphthalene	ND		4.6	0.42	ug/L		06/16/16 10:55	06/17/16 22:28	1
2-Chlorophenol	ND		4.6	0.49	ug/L		06/16/16 10:55	06/17/16 22:28	1
2-Methylnaphthalene	ND		4.6	0.55	ug/L		06/16/16 10:55	06/17/16 22:28	1
2-Methylphenol	ND		4.6	0.37	ug/L		06/16/16 10:55	06/17/16 22:28	1
2-Nitroaniline	ND		9.2	0.39	ug/L		06/16/16 10:55	06/17/16 22:28	1
2-Nitrophenol	ND		4.6	0.44	ug/L		06/16/16 10:55	06/17/16 22:28	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		06/16/16 10:55	06/17/16 22:28	1
3-Nitroaniline	ND		9.2	0.44	ug/L		06/16/16 10:55	06/17/16 22:28	1
4,6-Dinitro-2-methylphenol	ND		9.2	2.0	ug/L		06/16/16 10:55	06/17/16 22:28	1
4-Bromophenyl phenyl ether	ND		4.6	0.41	ug/L		06/16/16 10:55	06/17/16 22:28	1
4-Chloro-3-methylphenol	ND		4.6	0.41	ug/L		06/16/16 10:55	06/17/16 22:28	1
4-Chloroaniline	ND		4.6	0.54	ug/L		06/16/16 10:55	06/17/16 22:28	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		06/16/16 10:55	06/17/16 22:28	1
4-Methylphenol	ND		9.2	0.33	ug/L		06/16/16 10:55	06/17/16 22:28	1
4-Nitroaniline	ND		9.2	0.23	ug/L		06/16/16 10:55	06/17/16 22:28	1
4-Nitrophenol	ND		9.2	1.4	ug/L		06/16/16 10:55	06/17/16 22:28	1
Acenaphthene	ND		4.6	0.38	ug/L		06/16/16 10:55	06/17/16 22:28	1
Acenaphthylene	ND		4.6	0.35	ug/L		06/16/16 10:55	06/17/16 22:28	1
Acetophenone	ND		4.6	0.50	ug/L		06/16/16 10:55	06/17/16 22:28	1
Aniline	ND		9.2	0.56	ug/L		06/16/16 10:55	06/17/16 22:28	1
Anthracene	ND		4.6	0.26	ug/L		06/16/16 10:55	06/17/16 22:28	1
Atrazine	ND		4.6	0.42	ug/L		06/16/16 10:55	06/17/16 22:28	1
Benzaldehyde	ND		4.6	0.25	ug/L		06/16/16 10:55	06/17/16 22:28	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		06/16/16 10:55	06/17/16 22:28	1
Benzo(a)pyrene	ND		4.6	0.43	ug/L		06/16/16 10:55	06/17/16 22:28	1
Benzo(b)fluoranthene	ND		4.6	0.31	ug/L		06/16/16 10:55	06/17/16 22:28	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		06/16/16 10:55	06/17/16 22:28	1
Benzo(k)fluoranthene	ND		4.6	0.67	ug/L		06/16/16 10:55	06/17/16 22:28	1
Biphenyl	ND		4.6	0.60	ug/L		06/16/16 10:55	06/17/16 22:28	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		06/16/16 10:55	06/17/16 22:28	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		06/16/16 10:55	06/17/16 22:28	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		06/16/16 10:55	06/17/16 22:28	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		06/16/16 10:55	06/17/16 22:28	1
Butyl benzyl phthalate	ND		4.6	0.92	ug/L		06/16/16 10:55	06/17/16 22:28	1
Caprolactam	ND		4.6	2.0	ug/L		06/16/16 10:55	06/17/16 22:28	1
Carbazole	ND		4.6	0.28	ug/L		06/16/16 10:55	06/17/16 22:28	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E MW-E09_0616

Lab Sample ID: 480-101675-2

Date Collected: 06/15/16 12:12

Matrix: Water

Date Received: 06/15/16 15:45

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		06/16/16 10:55	06/17/16 22:28	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		06/16/16 10:55	06/17/16 22:28	1
Dibenzofuran	ND		9.2	0.47	ug/L		06/16/16 10:55	06/17/16 22:28	1
Diethyl phthalate	ND		4.6	0.20	ug/L		06/16/16 10:55	06/17/16 22:28	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		06/16/16 10:55	06/17/16 22:28	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		06/16/16 10:55	06/17/16 22:28	1
Di-n-octyl phthalate	ND		4.6	0.43	ug/L		06/16/16 10:55	06/17/16 22:28	1
Fluoranthene	ND		4.6	0.37	ug/L		06/16/16 10:55	06/17/16 22:28	1
Fluorene	ND		4.6	0.33	ug/L		06/16/16 10:55	06/17/16 22:28	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		06/16/16 10:55	06/17/16 22:28	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		06/16/16 10:55	06/17/16 22:28	1
Hexachlorocyclopentadiene	ND		4.6	0.54	ug/L		06/16/16 10:55	06/17/16 22:28	1
Hexachloroethane	ND		4.6	0.54	ug/L		06/16/16 10:55	06/17/16 22:28	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.43	ug/L		06/16/16 10:55	06/17/16 22:28	1
Isophorone	ND		4.6	0.40	ug/L		06/16/16 10:55	06/17/16 22:28	1
Naphthalene	ND		4.6	0.70	ug/L		06/16/16 10:55	06/17/16 22:28	1
Nitrobenzene	ND		4.6	0.27	ug/L		06/16/16 10:55	06/17/16 22:28	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		06/16/16 10:55	06/17/16 22:28	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		06/16/16 10:55	06/17/16 22:28	1
Pentachlorophenol	ND		9.2	2.0	ug/L		06/16/16 10:55	06/17/16 22:28	1
Phenanthrene	ND		4.6	0.41	ug/L		06/16/16 10:55	06/17/16 22:28	1
Phenol	ND		4.6	0.36	ug/L		06/16/16 10:55	06/17/16 22:28	1
Pyrene	ND		4.6	0.31	ug/L		06/16/16 10:55	06/17/16 22:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	98		52 - 132	06/16/16 10:55	06/17/16 22:28	1
2-Fluorobiphenyl	92		48 - 120	06/16/16 10:55	06/17/16 22:28	1
2-Fluorophenol	69		20 - 120	06/16/16 10:55	06/17/16 22:28	1
Nitrobenzene-d5	94		46 - 120	06/16/16 10:55	06/17/16 22:28	1
Phenol-d5	49		16 - 120	06/16/16 10:55	06/17/16 22:28	1
p-Terphenyl-d14	89		67 - 150	06/16/16 10:55	06/17/16 22:28	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		06/16/16 07:34	06/16/16 19:28	1
Antimony	ND		0.020	0.0068	mg/L		06/16/16 07:34	06/16/16 19:28	1
Arsenic	ND		0.015	0.0056	mg/L		06/16/16 07:34	06/16/16 19:28	1
Barium	0.011	B	0.0020	0.00070	mg/L		06/16/16 07:34	06/16/16 19:28	1
Beryllium	ND		0.0020	0.00030	mg/L		06/16/16 07:34	06/16/16 19:28	1
Cadmium	0.0052		0.0020	0.00050	mg/L		06/16/16 07:34	06/16/16 19:28	1
Calcium	470		0.50	0.10	mg/L		06/16/16 07:34	06/16/16 19:28	1
Chromium	ND		0.0040	0.0010	mg/L		06/16/16 07:34	06/16/16 19:28	1
Cobalt	0.012		0.0040	0.00063	mg/L		06/16/16 07:34	06/16/16 19:28	1
Copper	0.067		0.010	0.0016	mg/L		06/16/16 07:34	06/16/16 19:28	1
Iron	0.66		0.050	0.019	mg/L		06/16/16 07:34	06/16/16 19:28	1
Lead	ND		0.010	0.0030	mg/L		06/16/16 07:34	06/16/16 19:28	1
Magnesium	43.5		0.20	0.043	mg/L		06/16/16 07:34	06/16/16 19:28	1
Manganese	1.7	B	0.0030	0.00040	mg/L		06/16/16 07:34	06/16/16 19:28	1
Nickel	0.049		0.010	0.0013	mg/L		06/16/16 07:34	06/16/16 19:28	1
Potassium	2.9		0.50	0.10	mg/L		06/16/16 07:34	06/16/16 19:28	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E MW-E09_0616

Lab Sample ID: 480-101675-2

Date Collected: 06/15/16 12:12

Matrix: Water

Date Received: 06/15/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/16/16 07:34	06/16/16 19:28	1
Silver	ND		0.0060	0.0017	mg/L		06/16/16 07:34	06/16/16 19:28	1
Sodium	9.0	B	1.0	0.32	mg/L		06/16/16 07:34	06/16/16 19:28	1
Thallium	ND		0.020	0.010	mg/L		06/16/16 07:34	06/16/16 19:28	1
Vanadium	ND		0.0050	0.0015	mg/L		06/16/16 07:34	06/16/16 19:28	1
Zinc	1.2	B	0.010	0.0015	mg/L		06/16/16 07:34	06/16/16 19:28	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/16 06:30	06/21/16 12:53	1

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E MW-E10_0616

Lab Sample ID: 480-101675-3

Date Collected: 06/15/16 13:10

Matrix: Water

Date Received: 06/15/16 15:45

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			06/23/16 03:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/16 03:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/16 03:06	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/16 03:06	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/23/16 03:06	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/23/16 03:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/16 03:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/16 03:06	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/16 03:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/16 03:06	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/16 03:06	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/16 03:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/23/16 03:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/16 03:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/16 03:06	1
2-Hexanone	ND	*	5.0	1.2	ug/L			06/23/16 03:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/16 03:06	1
Acetone	4.4	J	10	3.0	ug/L			06/23/16 03:06	1
Benzene	ND		1.0	0.41	ug/L			06/23/16 03:06	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/16 03:06	1
Bromoform	ND		1.0	0.26	ug/L			06/23/16 03:06	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/16 03:06	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/16 03:06	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/16 03:06	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/16 03:06	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/16 03:06	1
Chloroform	ND		1.0	0.34	ug/L			06/23/16 03:06	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/16 03:06	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/23/16 03:06	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/16 03:06	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/16 03:06	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/16 03:06	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/23/16 03:06	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/16 03:06	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/16 03:06	1
Methyl acetate	ND	*	2.5	1.3	ug/L			06/23/16 03:06	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/23/16 03:06	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/16 03:06	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/16 03:06	1
Styrene	ND		1.0	0.73	ug/L			06/23/16 03:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/16 03:06	1
Toluene	ND		1.0	0.51	ug/L			06/23/16 03:06	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/23/16 03:06	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/16 03:06	1
Trichloroethene	ND		1.0	0.46	ug/L			06/23/16 03:06	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/16 03:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/23/16 03:06	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/16 03:06	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E MW-E10_0616

Lab Sample ID: 480-101675-3

Date Collected: 06/15/16 13:10

Matrix: Water

Date Received: 06/15/16 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		06/23/16 03:06	1
4-Bromofluorobenzene (Surr)	94		73 - 120		06/23/16 03:06	1
Toluene-d8 (Surr)	94		71 - 126		06/23/16 03:06	1
Dibromofluoromethane (Surr)	108		60 - 140		06/23/16 03:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		47	4.6	ug/L		06/16/16 10:55	06/17/16 22:57	10
2,4,6-Trichlorophenol	ND		47	5.8	ug/L		06/16/16 10:55	06/17/16 22:57	10
2,4-Dichlorophenol	ND		47	4.8	ug/L		06/16/16 10:55	06/17/16 22:57	10
2,4-Dimethylphenol	ND		47	4.7	ug/L		06/16/16 10:55	06/17/16 22:57	10
2,4-Dinitrophenol	ND		95	21	ug/L		06/16/16 10:55	06/17/16 22:57	10
2,4-Dinitrotoluene	ND		47	4.2	ug/L		06/16/16 10:55	06/17/16 22:57	10
2,6-Dinitrotoluene	ND		47	3.8	ug/L		06/16/16 10:55	06/17/16 22:57	10
2-Chloronaphthalene	ND		47	4.4	ug/L		06/16/16 10:55	06/17/16 22:57	10
2-Chlorophenol	ND		47	5.0	ug/L		06/16/16 10:55	06/17/16 22:57	10
2-Methylnaphthalene	ND		47	5.7	ug/L		06/16/16 10:55	06/17/16 22:57	10
2-Methylphenol	ND		47	3.8	ug/L		06/16/16 10:55	06/17/16 22:57	10
2-Nitroaniline	ND		95	4.0	ug/L		06/16/16 10:55	06/17/16 22:57	10
2-Nitrophenol	ND		47	4.6	ug/L		06/16/16 10:55	06/17/16 22:57	10
3,3'-Dichlorobenzidine	ND		47	3.8	ug/L		06/16/16 10:55	06/17/16 22:57	10
3-Nitroaniline	ND		95	4.6	ug/L		06/16/16 10:55	06/17/16 22:57	10
4,6-Dinitro-2-methylphenol	ND		95	21	ug/L		06/16/16 10:55	06/17/16 22:57	10
4-Bromophenyl phenyl ether	ND		47	4.3	ug/L		06/16/16 10:55	06/17/16 22:57	10
4-Chloro-3-methylphenol	ND		47	4.3	ug/L		06/16/16 10:55	06/17/16 22:57	10
4-Chloroaniline	ND		47	5.6	ug/L		06/16/16 10:55	06/17/16 22:57	10
4-Chlorophenyl phenyl ether	ND		47	3.3	ug/L		06/16/16 10:55	06/17/16 22:57	10
4-Methylphenol	ND		95	3.4	ug/L		06/16/16 10:55	06/17/16 22:57	10
4-Nitroaniline	ND		95	2.4	ug/L		06/16/16 10:55	06/17/16 22:57	10
4-Nitrophenol	ND		95	14	ug/L		06/16/16 10:55	06/17/16 22:57	10
Acenaphthene	ND		47	3.9	ug/L		06/16/16 10:55	06/17/16 22:57	10
Acenaphthylene	ND		47	3.6	ug/L		06/16/16 10:55	06/17/16 22:57	10
Acetophenone	ND		47	5.1	ug/L		06/16/16 10:55	06/17/16 22:57	10
Aniline	ND		95	5.8	ug/L		06/16/16 10:55	06/17/16 22:57	10
Anthracene	ND		47	2.7	ug/L		06/16/16 10:55	06/17/16 22:57	10
Atrazine	ND		47	4.4	ug/L		06/16/16 10:55	06/17/16 22:57	10
Benzaldehyde	ND		47	2.5	ug/L		06/16/16 10:55	06/17/16 22:57	10
Benzo(a)anthracene	ND		47	3.4	ug/L		06/16/16 10:55	06/17/16 22:57	10
Benzo(a)pyrene	ND		47	4.5	ug/L		06/16/16 10:55	06/17/16 22:57	10
Benzo(b)fluoranthene	ND		47	3.2	ug/L		06/16/16 10:55	06/17/16 22:57	10
Benzo(g,h,i)perylene	ND		47	3.3	ug/L		06/16/16 10:55	06/17/16 22:57	10
Benzo(k)fluoranthene	ND		47	6.9	ug/L		06/16/16 10:55	06/17/16 22:57	10
Biphenyl	ND		47	6.2	ug/L		06/16/16 10:55	06/17/16 22:57	10
bis (2-chloroisopropyl) ether	ND		47	4.9	ug/L		06/16/16 10:55	06/17/16 22:57	10
Bis(2-chloroethoxy)methane	ND		47	3.3	ug/L		06/16/16 10:55	06/17/16 22:57	10
Bis(2-chloroethyl)ether	ND		47	3.8	ug/L		06/16/16 10:55	06/17/16 22:57	10
Bis(2-ethylhexyl) phthalate	ND		47	21	ug/L		06/16/16 10:55	06/17/16 22:57	10
Butyl benzyl phthalate	ND		47	9.5	ug/L		06/16/16 10:55	06/17/16 22:57	10
Caprolactam	ND		47	21	ug/L		06/16/16 10:55	06/17/16 22:57	10
Carbazole	ND		47	2.8	ug/L		06/16/16 10:55	06/17/16 22:57	10

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E MW-E10_0616

Lab Sample ID: 480-101675-3

Date Collected: 06/15/16 13:10

Matrix: Water

Date Received: 06/15/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		47	3.1	ug/L		06/16/16 10:55	06/17/16 22:57	10
Dibenz(a,h)anthracene	ND		47	4.0	ug/L		06/16/16 10:55	06/17/16 22:57	10
Dibenzofuran	ND		95	4.8	ug/L		06/16/16 10:55	06/17/16 22:57	10
Diethyl phthalate	ND		47	2.1	ug/L		06/16/16 10:55	06/17/16 22:57	10
Dimethyl phthalate	ND		47	3.4	ug/L		06/16/16 10:55	06/17/16 22:57	10
Di-n-butyl phthalate	ND		47	2.9	ug/L		06/16/16 10:55	06/17/16 22:57	10
Di-n-octyl phthalate	ND		47	4.5	ug/L		06/16/16 10:55	06/17/16 22:57	10
Fluoranthene	ND		47	3.8	ug/L		06/16/16 10:55	06/17/16 22:57	10
Fluorene	ND		47	3.4	ug/L		06/16/16 10:55	06/17/16 22:57	10
Hexachlorobenzene	ND		47	4.8	ug/L		06/16/16 10:55	06/17/16 22:57	10
Hexachlorobutadiene	ND		47	6.5	ug/L		06/16/16 10:55	06/17/16 22:57	10
Hexachlorocyclopentadiene	ND		47	5.6	ug/L		06/16/16 10:55	06/17/16 22:57	10
Hexachloroethane	ND		47	5.6	ug/L		06/16/16 10:55	06/17/16 22:57	10
Indeno(1,2,3-cd)pyrene	ND		47	4.5	ug/L		06/16/16 10:55	06/17/16 22:57	10
Isophorone	ND		47	4.1	ug/L		06/16/16 10:55	06/17/16 22:57	10
Naphthalene	ND		47	7.2	ug/L		06/16/16 10:55	06/17/16 22:57	10
Nitrobenzene	ND		47	2.8	ug/L		06/16/16 10:55	06/17/16 22:57	10
N-Nitrosodi-n-propylamine	ND		47	5.1	ug/L		06/16/16 10:55	06/17/16 22:57	10
N-Nitrosodiphenylamine	ND		47	4.8	ug/L		06/16/16 10:55	06/17/16 22:57	10
Pentachlorophenol	ND		95	21	ug/L		06/16/16 10:55	06/17/16 22:57	10
Phenanthrene	ND		47	4.2	ug/L		06/16/16 10:55	06/17/16 22:57	10
Phenol	ND		47	3.7	ug/L		06/16/16 10:55	06/17/16 22:57	10
Pyrene	ND		47	3.2	ug/L		06/16/16 10:55	06/17/16 22:57	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	103		52 - 132	06/16/16 10:55	06/17/16 22:57	10
2-Fluorobiphenyl	77		48 - 120	06/16/16 10:55	06/17/16 22:57	10
2-Fluorophenol	53		20 - 120	06/16/16 10:55	06/17/16 22:57	10
Nitrobenzene-d5	73		46 - 120	06/16/16 10:55	06/17/16 22:57	10
Phenol-d5	42		16 - 120	06/16/16 10:55	06/17/16 22:57	10
p-Terphenyl-d14	60	X	67 - 150	06/16/16 10:55	06/17/16 22:57	10

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/16/16 07:34	06/16/16 19:42	1
Antimony	ND		0.020	0.0068	mg/L		06/16/16 07:34	06/16/16 19:42	1
Arsenic	ND		0.015	0.0056	mg/L		06/16/16 07:34	06/16/16 19:42	1
Barium	0.040	B	0.0020	0.00070	mg/L		06/16/16 07:34	06/16/16 19:42	1
Beryllium	ND		0.0020	0.00030	mg/L		06/16/16 07:34	06/16/16 19:42	1
Cadmium	0.00075	J	0.0020	0.00050	mg/L		06/16/16 07:34	06/16/16 19:42	1
Calcium	510		0.50	0.10	mg/L		06/16/16 07:34	06/16/16 19:42	1
Chromium	ND		0.0040	0.0010	mg/L		06/16/16 07:34	06/16/16 19:42	1
Cobalt	ND		0.0040	0.00063	mg/L		06/16/16 07:34	06/16/16 19:42	1
Copper	ND		0.010	0.0016	mg/L		06/16/16 07:34	06/16/16 19:42	1
Iron	19.1		0.050	0.019	mg/L		06/16/16 07:34	06/16/16 19:42	1
Lead	ND		0.010	0.0030	mg/L		06/16/16 07:34	06/16/16 19:42	1
Magnesium	75.1		0.20	0.043	mg/L		06/16/16 07:34	06/16/16 19:42	1
Manganese	1.4	B	0.0030	0.00040	mg/L		06/16/16 07:34	06/16/16 19:42	1
Nickel	ND		0.010	0.0013	mg/L		06/16/16 07:34	06/16/16 19:42	1
Potassium	3.1		0.50	0.10	mg/L		06/16/16 07:34	06/16/16 19:42	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E MW-E10_0616

Lab Sample ID: 480-101675-3

Date Collected: 06/15/16 13:10

Matrix: Water

Date Received: 06/15/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/16/16 07:34	06/16/16 19:42	1
Silver	ND		0.0060	0.0017	mg/L		06/16/16 07:34	06/16/16 19:42	1
Sodium	10.0	B	1.0	0.32	mg/L		06/16/16 07:34	06/16/16 19:42	1
Thallium	ND		0.020	0.010	mg/L		06/16/16 07:34	06/16/16 19:42	1
Vanadium	ND		0.0050	0.0015	mg/L		06/16/16 07:34	06/16/16 19:42	1
Zinc	0.0062	J B	0.010	0.0015	mg/L		06/16/16 07:34	06/16/16 19:42	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/16 06:30	06/21/16 12:54	1

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E ICM-PZ-02S_0616

Lab Sample ID: 480-101675-4

Date Collected: 06/15/16 09:15

Matrix: Water

Date Received: 06/15/16 15:45

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			06/23/16 03:32	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/16 03:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/16 03:32	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/16 03:32	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/23/16 03:32	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/23/16 03:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/16 03:32	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/16 03:32	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/16 03:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/16 03:32	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/16 03:32	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/16 03:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/23/16 03:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/16 03:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/16 03:32	1
2-Hexanone	ND	*	5.0	1.2	ug/L			06/23/16 03:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/16 03:32	1
Acetone	3.6	J	10	3.0	ug/L			06/23/16 03:32	1
Benzene	ND		1.0	0.41	ug/L			06/23/16 03:32	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/16 03:32	1
Bromoform	ND		1.0	0.26	ug/L			06/23/16 03:32	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/16 03:32	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/16 03:32	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/16 03:32	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/16 03:32	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/16 03:32	1
Chloroform	ND		1.0	0.34	ug/L			06/23/16 03:32	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/16 03:32	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/23/16 03:32	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/16 03:32	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/16 03:32	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/16 03:32	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/23/16 03:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/16 03:32	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/16 03:32	1
Methyl acetate	ND	*	2.5	1.3	ug/L			06/23/16 03:32	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/23/16 03:32	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/16 03:32	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/16 03:32	1
Styrene	ND		1.0	0.73	ug/L			06/23/16 03:32	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/16 03:32	1
Toluene	ND		1.0	0.51	ug/L			06/23/16 03:32	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/23/16 03:32	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/16 03:32	1
Trichloroethene	ND		1.0	0.46	ug/L			06/23/16 03:32	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/16 03:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/23/16 03:32	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/16 03:32	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E ICM-PZ-02S_0616

Lab Sample ID: 480-101675-4

Date Collected: 06/15/16 09:15

Matrix: Water

Date Received: 06/15/16 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		66 - 137		06/23/16 03:32	1
4-Bromofluorobenzene (Surr)	96		73 - 120		06/23/16 03:32	1
Toluene-d8 (Surr)	93		71 - 126		06/23/16 03:32	1
Dibromofluoromethane (Surr)	104		60 - 140		06/23/16 03:32	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		06/16/16 10:55	06/17/16 23:25	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		06/16/16 10:55	06/17/16 23:25	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		06/16/16 10:55	06/17/16 23:25	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		06/16/16 10:55	06/17/16 23:25	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		06/16/16 10:55	06/17/16 23:25	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		06/16/16 10:55	06/17/16 23:25	1
2,6-Dinitrotoluene	ND		4.8	0.39	ug/L		06/16/16 10:55	06/17/16 23:25	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		06/16/16 10:55	06/17/16 23:25	1
2-Chlorophenol	ND		4.8	0.51	ug/L		06/16/16 10:55	06/17/16 23:25	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		06/16/16 10:55	06/17/16 23:25	1
2-Methylphenol	ND		4.8	0.39	ug/L		06/16/16 10:55	06/17/16 23:25	1
2-Nitroaniline	ND		9.6	0.40	ug/L		06/16/16 10:55	06/17/16 23:25	1
2-Nitrophenol	ND		4.8	0.46	ug/L		06/16/16 10:55	06/17/16 23:25	1
3,3'-Dichlorobenzidine	ND		4.8	0.39	ug/L		06/16/16 10:55	06/17/16 23:25	1
3-Nitroaniline	ND		9.6	0.46	ug/L		06/16/16 10:55	06/17/16 23:25	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		06/16/16 10:55	06/17/16 23:25	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		06/16/16 10:55	06/17/16 23:25	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		06/16/16 10:55	06/17/16 23:25	1
4-Chloroaniline	ND		4.8	0.57	ug/L		06/16/16 10:55	06/17/16 23:25	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		06/16/16 10:55	06/17/16 23:25	1
4-Methylphenol	ND		9.6	0.35	ug/L		06/16/16 10:55	06/17/16 23:25	1
4-Nitroaniline	ND		9.6	0.24	ug/L		06/16/16 10:55	06/17/16 23:25	1
4-Nitrophenol	ND		9.6	1.5	ug/L		06/16/16 10:55	06/17/16 23:25	1
Acenaphthene	ND		4.8	0.39	ug/L		06/16/16 10:55	06/17/16 23:25	1
Acenaphthylene	ND		4.8	0.37	ug/L		06/16/16 10:55	06/17/16 23:25	1
Acetophenone	ND		4.8	0.52	ug/L		06/16/16 10:55	06/17/16 23:25	1
Aniline	ND		9.6	0.59	ug/L		06/16/16 10:55	06/17/16 23:25	1
Anthracene	ND		4.8	0.27	ug/L		06/16/16 10:55	06/17/16 23:25	1
Atrazine	ND		4.8	0.44	ug/L		06/16/16 10:55	06/17/16 23:25	1
Benzaldehyde	ND		4.8	0.26	ug/L		06/16/16 10:55	06/17/16 23:25	1
Benzo(a)anthracene	ND		4.8	0.35	ug/L		06/16/16 10:55	06/17/16 23:25	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		06/16/16 10:55	06/17/16 23:25	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		06/16/16 10:55	06/17/16 23:25	1
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		06/16/16 10:55	06/17/16 23:25	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		06/16/16 10:55	06/17/16 23:25	1
Biphenyl	ND		4.8	0.63	ug/L		06/16/16 10:55	06/17/16 23:25	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		06/16/16 10:55	06/17/16 23:25	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		06/16/16 10:55	06/17/16 23:25	1
Bis(2-chloroethyl)ether	ND		4.8	0.39	ug/L		06/16/16 10:55	06/17/16 23:25	1
Bis(2-ethylhexyl) phthalate	ND		4.8	2.1	ug/L		06/16/16 10:55	06/17/16 23:25	1
Butyl benzyl phthalate	ND		4.8	0.96	ug/L		06/16/16 10:55	06/17/16 23:25	1
Caprolactam	ND		4.8	2.1	ug/L		06/16/16 10:55	06/17/16 23:25	1
Carbazole	ND		4.8	0.29	ug/L		06/16/16 10:55	06/17/16 23:25	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E ICM-PZ-02S_0616

Lab Sample ID: 480-101675-4

Date Collected: 06/15/16 09:15

Matrix: Water

Date Received: 06/15/16 15:45

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		06/16/16 10:55	06/17/16 23:25	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		06/16/16 10:55	06/17/16 23:25	1
Dibenzofuran	ND		9.6	0.49	ug/L		06/16/16 10:55	06/17/16 23:25	1
Diethyl phthalate	ND		4.8	0.21	ug/L		06/16/16 10:55	06/17/16 23:25	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		06/16/16 10:55	06/17/16 23:25	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		06/16/16 10:55	06/17/16 23:25	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		06/16/16 10:55	06/17/16 23:25	1
Fluoranthene	ND		4.8	0.39	ug/L		06/16/16 10:55	06/17/16 23:25	1
Fluorene	ND		4.8	0.35	ug/L		06/16/16 10:55	06/17/16 23:25	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		06/16/16 10:55	06/17/16 23:25	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		06/16/16 10:55	06/17/16 23:25	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		06/16/16 10:55	06/17/16 23:25	1
Hexachloroethane	ND		4.8	0.57	ug/L		06/16/16 10:55	06/17/16 23:25	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		06/16/16 10:55	06/17/16 23:25	1
Isophorone	ND		4.8	0.41	ug/L		06/16/16 10:55	06/17/16 23:25	1
Naphthalene	ND		4.8	0.73	ug/L		06/16/16 10:55	06/17/16 23:25	1
Nitrobenzene	ND		4.8	0.28	ug/L		06/16/16 10:55	06/17/16 23:25	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		06/16/16 10:55	06/17/16 23:25	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		06/16/16 10:55	06/17/16 23:25	1
Pentachlorophenol	ND		9.6	2.1	ug/L		06/16/16 10:55	06/17/16 23:25	1
Phenanthrene	ND		4.8	0.42	ug/L		06/16/16 10:55	06/17/16 23:25	1
Phenol	ND		4.8	0.38	ug/L		06/16/16 10:55	06/17/16 23:25	1
Pyrene	ND		4.8	0.33	ug/L		06/16/16 10:55	06/17/16 23:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	88		52 - 132	06/16/16 10:55	06/17/16 23:25	1
2-Fluorobiphenyl	78		48 - 120	06/16/16 10:55	06/17/16 23:25	1
2-Fluorophenol	61		20 - 120	06/16/16 10:55	06/17/16 23:25	1
Nitrobenzene-d5	76		46 - 120	06/16/16 10:55	06/17/16 23:25	1
Phenol-d5	42		16 - 120	06/16/16 10:55	06/17/16 23:25	1
p-Terphenyl-d14	70		67 - 150	06/16/16 10:55	06/17/16 23:25	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.080	J	0.20	0.060	mg/L		06/16/16 07:34	06/16/16 19:45	1
Antimony	ND		0.020	0.0068	mg/L		06/16/16 07:34	06/16/16 19:45	1
Arsenic	0.011	J	0.015	0.0056	mg/L		06/16/16 07:34	06/16/16 19:45	1
Barium	0.30	B	0.0020	0.00070	mg/L		06/16/16 07:34	06/16/16 19:45	1
Beryllium	ND		0.0020	0.00030	mg/L		06/16/16 07:34	06/16/16 19:45	1
Cadmium	ND		0.0020	0.00050	mg/L		06/16/16 07:34	06/16/16 19:45	1
Calcium	249		0.50	0.10	mg/L		06/16/16 07:34	06/16/16 19:45	1
Chromium	ND		0.0040	0.0010	mg/L		06/16/16 07:34	06/16/16 19:45	1
Cobalt	ND		0.0040	0.00063	mg/L		06/16/16 07:34	06/16/16 19:45	1
Copper	ND		0.010	0.0016	mg/L		06/16/16 07:34	06/16/16 19:45	1
Iron	20.3		0.050	0.019	mg/L		06/16/16 07:34	06/16/16 19:45	1
Lead	ND		0.010	0.0030	mg/L		06/16/16 07:34	06/16/16 19:45	1
Magnesium	39.3		0.20	0.043	mg/L		06/16/16 07:34	06/16/16 19:45	1
Manganese	0.70	B	0.0030	0.00040	mg/L		06/16/16 07:34	06/16/16 19:45	1
Nickel	ND		0.010	0.0013	mg/L		06/16/16 07:34	06/16/16 19:45	1
Potassium	6.9		0.50	0.10	mg/L		06/16/16 07:34	06/16/16 19:45	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E ICM-PZ-02S_0616

Lab Sample ID: 480-101675-4

Date Collected: 06/15/16 09:15

Matrix: Water

Date Received: 06/15/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/16/16 07:34	06/16/16 19:45	1
Silver	ND		0.0060	0.0017	mg/L		06/16/16 07:34	06/16/16 19:45	1
Sodium	17.3	B	1.0	0.32	mg/L		06/16/16 07:34	06/16/16 19:45	1
Thallium	ND		0.020	0.010	mg/L		06/16/16 07:34	06/16/16 19:45	1
Vanadium	ND		0.0050	0.0015	mg/L		06/16/16 07:34	06/16/16 19:45	1
Zinc	0.0029	J B	0.010	0.0015	mg/L		06/16/16 07:34	06/16/16 19:45	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/16 06:30	06/21/16 13:00	1

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E ICM-PZ-03S_0616

Lab Sample ID: 480-101675-5

Date Collected: 06/15/16 10:00

Matrix: Water

Date Received: 06/15/16 15:45

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			06/23/16 03:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/16 03:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/16 03:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/16 03:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/23/16 03:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/23/16 03:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/16 03:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/16 03:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/16 03:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/16 03:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/16 03:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/16 03:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/23/16 03:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/16 03:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/16 03:57	1
2-Hexanone	ND	*	5.0	1.2	ug/L			06/23/16 03:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/16 03:57	1
Acetone	ND		10	3.0	ug/L			06/23/16 03:57	1
Benzene	ND		1.0	0.41	ug/L			06/23/16 03:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/16 03:57	1
Bromoform	ND		1.0	0.26	ug/L			06/23/16 03:57	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/16 03:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/16 03:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/16 03:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/16 03:57	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/16 03:57	1
Chloroform	ND		1.0	0.34	ug/L			06/23/16 03:57	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/16 03:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/23/16 03:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/16 03:57	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/16 03:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/16 03:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/23/16 03:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/16 03:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/16 03:57	1
Methyl acetate	ND	*	2.5	1.3	ug/L			06/23/16 03:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/23/16 03:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/16 03:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/16 03:57	1
Styrene	ND		1.0	0.73	ug/L			06/23/16 03:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/16 03:57	1
Toluene	ND		1.0	0.51	ug/L			06/23/16 03:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/23/16 03:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/16 03:57	1
Trichloroethene	ND		1.0	0.46	ug/L			06/23/16 03:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/16 03:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/23/16 03:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/16 03:57	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E ICM-PZ-03S_0616

Lab Sample ID: 480-101675-5

Date Collected: 06/15/16 10:00

Matrix: Water

Date Received: 06/15/16 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		06/23/16 03:57	1
4-Bromofluorobenzene (Surr)	96		73 - 120		06/23/16 03:57	1
Toluene-d8 (Surr)	94		71 - 126		06/23/16 03:57	1
Dibromofluoromethane (Surr)	104		60 - 140		06/23/16 03:57	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	0.46	ug/L		06/16/16 10:55	06/18/16 01:48	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		06/16/16 10:55	06/18/16 01:48	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		06/16/16 10:55	06/18/16 01:48	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		06/16/16 10:55	06/18/16 01:48	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		06/16/16 10:55	06/18/16 01:48	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		06/16/16 10:55	06/18/16 01:48	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		06/16/16 10:55	06/18/16 01:48	1
2-Chloronaphthalene	ND		4.7	0.44	ug/L		06/16/16 10:55	06/18/16 01:48	1
2-Chlorophenol	ND		4.7	0.50	ug/L		06/16/16 10:55	06/18/16 01:48	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		06/16/16 10:55	06/18/16 01:48	1
2-Methylphenol	ND		4.7	0.38	ug/L		06/16/16 10:55	06/18/16 01:48	1
2-Nitroaniline	ND		9.5	0.40	ug/L		06/16/16 10:55	06/18/16 01:48	1
2-Nitrophenol	ND		4.7	0.46	ug/L		06/16/16 10:55	06/18/16 01:48	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		06/16/16 10:55	06/18/16 01:48	1
3-Nitroaniline	ND		9.5	0.46	ug/L		06/16/16 10:55	06/18/16 01:48	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		06/16/16 10:55	06/18/16 01:48	1
4-Bromophenyl phenyl ether	ND		4.7	0.43	ug/L		06/16/16 10:55	06/18/16 01:48	1
4-Chloro-3-methylphenol	ND		4.7	0.43	ug/L		06/16/16 10:55	06/18/16 01:48	1
4-Chloroaniline	ND		4.7	0.56	ug/L		06/16/16 10:55	06/18/16 01:48	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		06/16/16 10:55	06/18/16 01:48	1
4-Methylphenol	ND		9.5	0.34	ug/L		06/16/16 10:55	06/18/16 01:48	1
4-Nitroaniline	ND		9.5	0.24	ug/L		06/16/16 10:55	06/18/16 01:48	1
4-Nitrophenol	ND		9.5	1.4	ug/L		06/16/16 10:55	06/18/16 01:48	1
Acenaphthene	ND		4.7	0.39	ug/L		06/16/16 10:55	06/18/16 01:48	1
Acenaphthylene	ND		4.7	0.36	ug/L		06/16/16 10:55	06/18/16 01:48	1
Acetophenone	ND		4.7	0.51	ug/L		06/16/16 10:55	06/18/16 01:48	1
Aniline	ND		9.5	0.58	ug/L		06/16/16 10:55	06/18/16 01:48	1
Anthracene	ND		4.7	0.27	ug/L		06/16/16 10:55	06/18/16 01:48	1
Atrazine	ND		4.7	0.44	ug/L		06/16/16 10:55	06/18/16 01:48	1
Benzaldehyde	ND		4.7	0.25	ug/L		06/16/16 10:55	06/18/16 01:48	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		06/16/16 10:55	06/18/16 01:48	1
Benzo(a)pyrene	ND		4.7	0.45	ug/L		06/16/16 10:55	06/18/16 01:48	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		06/16/16 10:55	06/18/16 01:48	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		06/16/16 10:55	06/18/16 01:48	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		06/16/16 10:55	06/18/16 01:48	1
Biphenyl	ND		4.7	0.62	ug/L		06/16/16 10:55	06/18/16 01:48	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		06/16/16 10:55	06/18/16 01:48	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		06/16/16 10:55	06/18/16 01:48	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		06/16/16 10:55	06/18/16 01:48	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		06/16/16 10:55	06/18/16 01:48	1
Butyl benzyl phthalate	ND		4.7	0.95	ug/L		06/16/16 10:55	06/18/16 01:48	1
Caprolactam	ND		4.7	2.1	ug/L		06/16/16 10:55	06/18/16 01:48	1
Carbazole	ND		4.7	0.28	ug/L		06/16/16 10:55	06/18/16 01:48	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E ICM-PZ-03S_0616

Lab Sample ID: 480-101675-5

Date Collected: 06/15/16 10:00

Matrix: Water

Date Received: 06/15/16 15:45

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		06/16/16 10:55	06/18/16 01:48	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		06/16/16 10:55	06/18/16 01:48	1
Dibenzofuran	ND		9.5	0.48	ug/L		06/16/16 10:55	06/18/16 01:48	1
Diethyl phthalate	ND		4.7	0.21	ug/L		06/16/16 10:55	06/18/16 01:48	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		06/16/16 10:55	06/18/16 01:48	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		06/16/16 10:55	06/18/16 01:48	1
Di-n-octyl phthalate	ND		4.7	0.45	ug/L		06/16/16 10:55	06/18/16 01:48	1
Fluoranthene	ND		4.7	0.38	ug/L		06/16/16 10:55	06/18/16 01:48	1
Fluorene	ND		4.7	0.34	ug/L		06/16/16 10:55	06/18/16 01:48	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		06/16/16 10:55	06/18/16 01:48	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		06/16/16 10:55	06/18/16 01:48	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		06/16/16 10:55	06/18/16 01:48	1
Hexachloroethane	ND		4.7	0.56	ug/L		06/16/16 10:55	06/18/16 01:48	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.45	ug/L		06/16/16 10:55	06/18/16 01:48	1
Isophorone	ND		4.7	0.41	ug/L		06/16/16 10:55	06/18/16 01:48	1
Naphthalene	ND		4.7	0.72	ug/L		06/16/16 10:55	06/18/16 01:48	1
Nitrobenzene	ND		4.7	0.27	ug/L		06/16/16 10:55	06/18/16 01:48	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		06/16/16 10:55	06/18/16 01:48	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		06/16/16 10:55	06/18/16 01:48	1
Pentachlorophenol	ND		9.5	2.1	ug/L		06/16/16 10:55	06/18/16 01:48	1
Phenanthrene	ND		4.7	0.42	ug/L		06/16/16 10:55	06/18/16 01:48	1
Phenol	ND		4.7	0.37	ug/L		06/16/16 10:55	06/18/16 01:48	1
Pyrene	ND		4.7	0.32	ug/L		06/16/16 10:55	06/18/16 01:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	94		52 - 132	06/16/16 10:55	06/18/16 01:48	1
2-Fluorobiphenyl	74		48 - 120	06/16/16 10:55	06/18/16 01:48	1
2-Fluorophenol	58		20 - 120	06/16/16 10:55	06/18/16 01:48	1
Nitrobenzene-d5	76		46 - 120	06/16/16 10:55	06/18/16 01:48	1
Phenol-d5	41		16 - 120	06/16/16 10:55	06/18/16 01:48	1
p-Terphenyl-d14	66	X	67 - 150	06/16/16 10:55	06/18/16 01:48	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/16/16 07:34	06/16/16 19:49	1
Antimony	ND		0.020	0.0068	mg/L		06/16/16 07:34	06/16/16 19:49	1
Arsenic	ND		0.015	0.0056	mg/L		06/16/16 07:34	06/16/16 19:49	1
Barium	0.21	B	0.0020	0.00070	mg/L		06/16/16 07:34	06/16/16 19:49	1
Beryllium	ND		0.0020	0.00030	mg/L		06/16/16 07:34	06/16/16 19:49	1
Cadmium	0.00069	J	0.0020	0.00050	mg/L		06/16/16 07:34	06/16/16 19:49	1
Calcium	340		0.50	0.10	mg/L		06/16/16 07:34	06/16/16 19:49	1
Chromium	ND		0.0040	0.0010	mg/L		06/16/16 07:34	06/16/16 19:49	1
Cobalt	ND		0.0040	0.00063	mg/L		06/16/16 07:34	06/16/16 19:49	1
Copper	ND		0.010	0.0016	mg/L		06/16/16 07:34	06/16/16 19:49	1
Iron	6.9		0.050	0.019	mg/L		06/16/16 07:34	06/16/16 19:49	1
Lead	ND		0.010	0.0030	mg/L		06/16/16 07:34	06/16/16 19:49	1
Magnesium	70.6		0.20	0.043	mg/L		06/16/16 07:34	06/16/16 19:49	1
Manganese	1.6	B	0.0030	0.00040	mg/L		06/16/16 07:34	06/16/16 19:49	1
Nickel	ND		0.010	0.0013	mg/L		06/16/16 07:34	06/16/16 19:49	1
Potassium	7.5		0.50	0.10	mg/L		06/16/16 07:34	06/16/16 19:49	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E ICM-PZ-03S_0616

Lab Sample ID: 480-101675-5

Date Collected: 06/15/16 10:00

Matrix: Water

Date Received: 06/15/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/16/16 07:34	06/16/16 19:49	1
Silver	ND		0.0060	0.0017	mg/L		06/16/16 07:34	06/16/16 19:49	1
Sodium	13.3	B	1.0	0.32	mg/L		06/16/16 07:34	06/16/16 19:49	1
Thallium	ND		0.020	0.010	mg/L		06/16/16 07:34	06/16/16 19:49	1
Vanadium	ND		0.0050	0.0015	mg/L		06/16/16 07:34	06/16/16 19:49	1
Zinc	ND		0.010	0.0015	mg/L		06/16/16 07:34	06/16/16 19:49	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/16 06:30	06/21/16 13:02	1

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E RFI-PZ-17_0616

Lab Sample ID: 480-101675-6

Date Collected: 06/15/16 13:50

Matrix: Water

Date Received: 06/15/16 15:45

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			06/23/16 22:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/16 22:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/16 22:41	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/16 22:41	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/23/16 22:41	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/23/16 22:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/16 22:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/16 22:41	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/16 22:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/16 22:41	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/16 22:41	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/16 22:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/23/16 22:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/16 22:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/16 22:41	1
2-Hexanone	ND		5.0	1.2	ug/L			06/23/16 22:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/16 22:41	1
Acetone	4.5	J	10	3.0	ug/L			06/23/16 22:41	1
Benzene	ND		1.0	0.41	ug/L			06/23/16 22:41	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/16 22:41	1
Bromoform	ND		1.0	0.26	ug/L			06/23/16 22:41	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/16 22:41	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/16 22:41	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/16 22:41	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/16 22:41	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/16 22:41	1
Chloroform	ND		1.0	0.34	ug/L			06/23/16 22:41	1
Chloromethane	ND	F2	1.0	0.35	ug/L			06/23/16 22:41	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/23/16 22:41	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/16 22:41	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/16 22:41	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/16 22:41	1
Dichlorodifluoromethane	ND	F2	1.0	0.68	ug/L			06/23/16 22:41	1
Ethylbenzene	ND	F2	1.0	0.74	ug/L			06/23/16 22:41	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/16 22:41	1
Methyl acetate	ND		2.5	1.3	ug/L			06/23/16 22:41	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/23/16 22:41	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/16 22:41	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/16 22:41	1
Styrene	ND		1.0	0.73	ug/L			06/23/16 22:41	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/16 22:41	1
Toluene	ND	F2	1.0	0.51	ug/L			06/23/16 22:41	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/23/16 22:41	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/16 22:41	1
Trichloroethene	ND		1.0	0.46	ug/L			06/23/16 22:41	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/16 22:41	1
Vinyl chloride	ND	F2	1.0	0.90	ug/L			06/23/16 22:41	1
Xylenes, Total	ND	F2	2.0	0.66	ug/L			06/23/16 22:41	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E RFI-PZ-17_0616

Lab Sample ID: 480-101675-6

Date Collected: 06/15/16 13:50

Matrix: Water

Date Received: 06/15/16 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		66 - 137		06/23/16 22:41	1
4-Bromofluorobenzene (Surr)	111		73 - 120		06/23/16 22:41	1
Toluene-d8 (Surr)	95		71 - 126		06/23/16 22:41	1
Dibromofluoromethane (Surr)	103		60 - 140		06/23/16 22:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		93	8.9	ug/L		06/16/16 10:55	06/18/16 13:41	20
2,4,6-Trichlorophenol	ND		93	11	ug/L		06/16/16 10:55	06/18/16 13:41	20
2,4-Dichlorophenol	ND		93	9.5	ug/L		06/16/16 10:55	06/18/16 13:41	20
2,4-Dimethylphenol	ND		93	9.3	ug/L		06/16/16 10:55	06/18/16 13:41	20
2,4-Dinitrophenol	ND		190	41	ug/L		06/16/16 10:55	06/18/16 13:41	20
2,4-Dinitrotoluene	ND		93	8.3	ug/L		06/16/16 10:55	06/18/16 13:41	20
2,6-Dinitrotoluene	ND		93	7.4	ug/L		06/16/16 10:55	06/18/16 13:41	20
2-Chloronaphthalene	ND		93	8.5	ug/L		06/16/16 10:55	06/18/16 13:41	20
2-Chlorophenol	ND		93	9.8	ug/L		06/16/16 10:55	06/18/16 13:41	20
2-Methylnaphthalene	ND		93	11	ug/L		06/16/16 10:55	06/18/16 13:41	20
2-Methylphenol	ND		93	7.4	ug/L		06/16/16 10:55	06/18/16 13:41	20
2-Nitroaniline	ND		190	7.8	ug/L		06/16/16 10:55	06/18/16 13:41	20
2-Nitrophenol	ND		93	8.9	ug/L		06/16/16 10:55	06/18/16 13:41	20
3,3'-Dichlorobenzidine	ND		93	7.4	ug/L		06/16/16 10:55	06/18/16 13:41	20
3-Nitroaniline	ND		190	8.9	ug/L		06/16/16 10:55	06/18/16 13:41	20
4,6-Dinitro-2-methylphenol	ND		190	41	ug/L		06/16/16 10:55	06/18/16 13:41	20
4-Bromophenyl phenyl ether	ND		93	8.4	ug/L		06/16/16 10:55	06/18/16 13:41	20
4-Chloro-3-methylphenol	ND		93	8.4	ug/L		06/16/16 10:55	06/18/16 13:41	20
4-Chloroaniline	ND		93	11	ug/L		06/16/16 10:55	06/18/16 13:41	20
4-Chlorophenyl phenyl ether	ND		93	6.5	ug/L		06/16/16 10:55	06/18/16 13:41	20
4-Methylphenol	ND		190	6.7	ug/L		06/16/16 10:55	06/18/16 13:41	20
4-Nitroaniline	ND		190	4.6	ug/L		06/16/16 10:55	06/18/16 13:41	20
4-Nitrophenol	ND		190	28	ug/L		06/16/16 10:55	06/18/16 13:41	20
Acenaphthene	ND		93	7.6	ug/L		06/16/16 10:55	06/18/16 13:41	20
Acenaphthylene	ND		93	7.1	ug/L		06/16/16 10:55	06/18/16 13:41	20
Acetophenone	ND		93	10	ug/L		06/16/16 10:55	06/18/16 13:41	20
Aniline	ND		190	11	ug/L		06/16/16 10:55	06/18/16 13:41	20
Anthracene	ND		93	5.2	ug/L		06/16/16 10:55	06/18/16 13:41	20
Atrazine	ND		93	8.5	ug/L		06/16/16 10:55	06/18/16 13:41	20
Benzaldehyde	ND		93	5.0	ug/L		06/16/16 10:55	06/18/16 13:41	20
Benzo(a)anthracene	ND		93	6.7	ug/L		06/16/16 10:55	06/18/16 13:41	20
Benzo(a)pyrene	ND		93	8.7	ug/L		06/16/16 10:55	06/18/16 13:41	20
Benzo(b)fluoranthene	ND		93	6.3	ug/L		06/16/16 10:55	06/18/16 13:41	20
Benzo(g,h,i)perylene	ND		93	6.5	ug/L		06/16/16 10:55	06/18/16 13:41	20
Benzo(k)fluoranthene	ND		93	14	ug/L		06/16/16 10:55	06/18/16 13:41	20
Biphenyl	ND		93	12	ug/L		06/16/16 10:55	06/18/16 13:41	20
bis (2-chloroisopropyl) ether	ND		93	9.7	ug/L		06/16/16 10:55	06/18/16 13:41	20
Bis(2-chloroethoxy)methane	ND		93	6.5	ug/L		06/16/16 10:55	06/18/16 13:41	20
Bis(2-chloroethyl)ether	ND		93	7.4	ug/L		06/16/16 10:55	06/18/16 13:41	20
Bis(2-ethylhexyl) phthalate	ND		93	41	ug/L		06/16/16 10:55	06/18/16 13:41	20
Butyl benzyl phthalate	ND		93	19	ug/L		06/16/16 10:55	06/18/16 13:41	20
Caprolactam	ND		93	41	ug/L		06/16/16 10:55	06/18/16 13:41	20
Carbazole	ND		93	5.6	ug/L		06/16/16 10:55	06/18/16 13:41	20

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E RFI-PZ-17_0616

Lab Sample ID: 480-101675-6

Date Collected: 06/15/16 13:50

Matrix: Water

Date Received: 06/15/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		93	6.1	ug/L		06/16/16 10:55	06/18/16 13:41	20
Dibenz(a,h)anthracene	ND		93	7.8	ug/L		06/16/16 10:55	06/18/16 13:41	20
Dibenzofuran	ND		190	9.5	ug/L		06/16/16 10:55	06/18/16 13:41	20
Diethyl phthalate	ND		93	4.1	ug/L		06/16/16 10:55	06/18/16 13:41	20
Dimethyl phthalate	ND		93	6.7	ug/L		06/16/16 10:55	06/18/16 13:41	20
Di-n-butyl phthalate	ND		93	5.8	ug/L		06/16/16 10:55	06/18/16 13:41	20
Di-n-octyl phthalate	ND		93	8.7	ug/L		06/16/16 10:55	06/18/16 13:41	20
Fluoranthene	ND		93	7.4	ug/L		06/16/16 10:55	06/18/16 13:41	20
Fluorene	ND		93	6.7	ug/L		06/16/16 10:55	06/18/16 13:41	20
Hexachlorobenzene	ND		93	9.5	ug/L		06/16/16 10:55	06/18/16 13:41	20
Hexachlorobutadiene	ND		93	13	ug/L		06/16/16 10:55	06/18/16 13:41	20
Hexachlorocyclopentadiene	ND		93	11	ug/L		06/16/16 10:55	06/18/16 13:41	20
Hexachloroethane	ND		93	11	ug/L		06/16/16 10:55	06/18/16 13:41	20
Indeno(1,2,3-cd)pyrene	ND		93	8.7	ug/L		06/16/16 10:55	06/18/16 13:41	20
Isophorone	ND		93	8.0	ug/L		06/16/16 10:55	06/18/16 13:41	20
Naphthalene	ND		93	14	ug/L		06/16/16 10:55	06/18/16 13:41	20
Nitrobenzene	ND		93	5.4	ug/L		06/16/16 10:55	06/18/16 13:41	20
N-Nitrosodi-n-propylamine	ND		93	10	ug/L		06/16/16 10:55	06/18/16 13:41	20
N-Nitrosodiphenylamine	ND		93	9.5	ug/L		06/16/16 10:55	06/18/16 13:41	20
Pentachlorophenol	ND		190	41	ug/L		06/16/16 10:55	06/18/16 13:41	20
Phenanthrene	ND		93	8.2	ug/L		06/16/16 10:55	06/18/16 13:41	20
Phenol	ND		93	7.2	ug/L		06/16/16 10:55	06/18/16 13:41	20
Pyrene	ND		93	6.3	ug/L		06/16/16 10:55	06/18/16 13:41	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	102		52 - 132	06/16/16 10:55	06/18/16 13:41	20
2-Fluorobiphenyl	72		48 - 120	06/16/16 10:55	06/18/16 13:41	20
2-Fluorophenol	54		20 - 120	06/16/16 10:55	06/18/16 13:41	20
Nitrobenzene-d5	68		46 - 120	06/16/16 10:55	06/18/16 13:41	20
Phenol-d5	31		16 - 120	06/16/16 10:55	06/18/16 13:41	20
p-Terphenyl-d14	71		67 - 150	06/16/16 10:55	06/18/16 13:41	20

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/16/16 07:34	06/16/16 19:52	1
Antimony	ND		0.020	0.0068	mg/L		06/16/16 07:34	06/16/16 19:52	1
Arsenic	ND		0.015	0.0056	mg/L		06/16/16 07:34	06/16/16 19:52	1
Barium	0.11	B	0.0020	0.00070	mg/L		06/16/16 07:34	06/16/16 19:52	1
Beryllium	ND		0.0020	0.00030	mg/L		06/16/16 07:34	06/16/16 19:52	1
Cadmium	ND		0.0020	0.00050	mg/L		06/16/16 07:34	06/16/16 19:52	1
Calcium	350		0.50	0.10	mg/L		06/16/16 07:34	06/16/16 19:52	1
Chromium	ND		0.0040	0.0010	mg/L		06/16/16 07:34	06/16/16 19:52	1
Cobalt	ND		0.0040	0.00063	mg/L		06/16/16 07:34	06/16/16 19:52	1
Copper	ND		0.010	0.0016	mg/L		06/16/16 07:34	06/16/16 19:52	1
Iron	0.38		0.050	0.019	mg/L		06/16/16 07:34	06/16/16 19:52	1
Lead	ND		0.010	0.0030	mg/L		06/16/16 07:34	06/16/16 19:52	1
Magnesium	50.9		0.20	0.043	mg/L		06/16/16 07:34	06/16/16 19:52	1
Manganese	0.15	B	0.0030	0.00040	mg/L		06/16/16 07:34	06/16/16 19:52	1
Nickel	ND		0.010	0.0013	mg/L		06/16/16 07:34	06/16/16 19:52	1
Potassium	3.0		0.50	0.10	mg/L		06/16/16 07:34	06/16/16 19:52	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E RFI-PZ-17_0616

Lab Sample ID: 480-101675-6

Date Collected: 06/15/16 13:50

Matrix: Water

Date Received: 06/15/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/16/16 07:34	06/16/16 19:52	1
Silver	ND		0.0060	0.0017	mg/L		06/16/16 07:34	06/16/16 19:52	1
Sodium	11.9	B	1.0	0.32	mg/L		06/16/16 07:34	06/16/16 19:52	1
Thallium	ND		0.020	0.010	mg/L		06/16/16 07:34	06/16/16 19:52	1
Vanadium	ND		0.0050	0.0015	mg/L		06/16/16 07:34	06/16/16 19:52	1
Zinc	ND		0.010	0.0015	mg/L		06/16/16 07:34	06/16/16 19:52	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/16 06:30	06/21/16 13:03	1

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: TRIP BLANK

Date Collected: 06/15/16 00:00

Date Received: 06/15/16 15:45

Lab Sample ID: 480-101675-7

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			06/23/16 04:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/16 04:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/16 04:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/16 04:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/23/16 04:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/23/16 04:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/16 04:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/16 04:48	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/16 04:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/16 04:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/16 04:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/16 04:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/23/16 04:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/16 04:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/16 04:48	1
2-Hexanone	ND	*	5.0	1.2	ug/L			06/23/16 04:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/16 04:48	1
Acetone	ND		10	3.0	ug/L			06/23/16 04:48	1
Benzene	ND		1.0	0.41	ug/L			06/23/16 04:48	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/16 04:48	1
Bromoform	ND		1.0	0.26	ug/L			06/23/16 04:48	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/16 04:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/16 04:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/16 04:48	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/16 04:48	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/16 04:48	1
Chloroform	ND		1.0	0.34	ug/L			06/23/16 04:48	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/16 04:48	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/23/16 04:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/16 04:48	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/16 04:48	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/16 04:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/23/16 04:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/16 04:48	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/16 04:48	1
Methyl acetate	ND	*	2.5	1.3	ug/L			06/23/16 04:48	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/23/16 04:48	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/16 04:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/16 04:48	1
Styrene	ND		1.0	0.73	ug/L			06/23/16 04:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/16 04:48	1
Toluene	ND		1.0	0.51	ug/L			06/23/16 04:48	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/23/16 04:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/16 04:48	1
Trichloroethene	ND		1.0	0.46	ug/L			06/23/16 04:48	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/16 04:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/23/16 04:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/16 04:48	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: TRIP BLANK

Date Collected: 06/15/16 00:00

Date Received: 06/15/16 15:45

Lab Sample ID: 480-101675-7

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		06/23/16 04:48	1
4-Bromofluorobenzene (Surr)	93		73 - 120		06/23/16 04:48	1
Toluene-d8 (Surr)	93		71 - 126		06/23/16 04:48	1
Dibromofluoromethane (Surr)	107		60 - 140		06/23/16 04:48	1

Surrogate Summary

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

TestAmerica Job ID: 480-101675-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (66-137)	BFB (73-120)	TOL (71-126)	DBFM (60-140)
480-101675-1	BCC Area E MW-E08_0616	97	92	93	107
480-101675-2	BCC Area E MW-E09_0616	100	94	95	108
480-101675-3	BCC Area E MW-E10_0616	100	94	94	108
480-101675-4	BCC Area E ICM-PZ-02S_0616	96	96	93	104
480-101675-5	BCC Area E ICM-PZ-03S_0616	101	96	94	104
480-101675-6	BCC Area E RFI-PZ-17_0616	87	111	95	103
480-101675-6 MS	BCC Area E RFI-PZ-17_0616	86	108	99	104
480-101675-6 MSD	BCC Area E RFI-PZ-17_0616	90	108	98	103
480-101675-7	TRIP BLANK	99	93	93	107
LCS 480-308017/5	Lab Control Sample	90	104	99	84
LCS 480-308240/4	Lab Control Sample	86	108	96	102
MB 480-308017/7	Method Blank	95	98	96	103
MB 480-308240/6	Method Blank	92	107	95	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: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-101675-1	BCC Area E MW-E08_0616	98	75	50	66	37	79
480-101675-2	BCC Area E MW-E09_0616	98	92	69	94	49	89
480-101675-3	BCC Area E MW-E10_0616	103	77	53	73	42	60 X
480-101675-4	BCC Area E ICM-PZ-02S_0616	88	78	61	76	42	70
480-101675-5	BCC Area E ICM-PZ-03S_0616	94	74	58	76	41	66 X
480-101675-6	BCC Area E RFI-PZ-17_0616	102	72	54	68	31	71
LCS 480-306989/2-A	Lab Control Sample	98	95	78	95	59	108
MB 480-306989/1-A	Method Blank	98	89	71	95	51	114

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPH = p-Terphenyl-d14

QC Sample Results

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

TestAmerica Job ID: 480-101675-1

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

Lab Sample ID: MB 480-308017/7

Matrix: Water

Analysis Batch: 308017

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			06/22/16 22:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/22/16 22:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/22/16 22:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/22/16 22:38	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/22/16 22:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/22/16 22:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/22/16 22:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/22/16 22:38	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/22/16 22:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/22/16 22:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/22/16 22:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/22/16 22:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/22/16 22:38	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/22/16 22:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/22/16 22:38	1
2-Hexanone	ND		5.0	1.2	ug/L			06/22/16 22:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/22/16 22:38	1
Acetone	ND		10	3.0	ug/L			06/22/16 22:38	1
Benzene	ND		1.0	0.41	ug/L			06/22/16 22:38	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/22/16 22:38	1
Bromoform	ND		1.0	0.26	ug/L			06/22/16 22:38	1
Bromomethane	ND		1.0	0.69	ug/L			06/22/16 22:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/22/16 22:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/22/16 22:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/22/16 22:38	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/16 22:38	1
Chloroform	ND		1.0	0.34	ug/L			06/22/16 22:38	1
Chloromethane	ND		1.0	0.35	ug/L			06/22/16 22:38	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/22/16 22:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/22/16 22:38	1
Cyclohexane	ND		1.0	0.18	ug/L			06/22/16 22:38	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/22/16 22:38	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/22/16 22:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/22/16 22:38	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/22/16 22:38	1
Methyl acetate	ND		2.5	1.3	ug/L			06/22/16 22:38	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/22/16 22:38	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/22/16 22:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/22/16 22:38	1
Styrene	ND		1.0	0.73	ug/L			06/22/16 22:38	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/22/16 22:38	1
Toluene	ND		1.0	0.51	ug/L			06/22/16 22:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/22/16 22:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/22/16 22:38	1
Trichloroethene	ND		1.0	0.46	ug/L			06/22/16 22:38	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/22/16 22:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/22/16 22:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/22/16 22:38	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101675-1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		66 - 137		06/22/16 22:38	1
4-Bromofluorobenzene (Surr)	98		73 - 120		06/22/16 22:38	1
Toluene-d8 (Surr)	96		71 - 126		06/22/16 22:38	1
Dibromofluoromethane (Surr)	103		60 - 140		06/22/16 22:38	1

Lab Sample ID: LCS 480-308017/5

Matrix: Water

Analysis Batch: 308017

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	20.6		ug/L		82	73 - 126
1,1,2,2-Tetrachloroethane	25.0	21.6		ug/L		86	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	19.5		ug/L		78	52 - 148
1,1,2-Trichloroethane	25.0	22.5		ug/L		90	76 - 122
1,1-Dichloroethane	25.0	21.5		ug/L		86	71 - 129
1,1-Dichloroethene	25.0	21.3		ug/L		85	58 - 121
1,2,4-Trichlorobenzene	25.0	25.2		ug/L		101	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	19.2		ug/L		77	56 - 134
1,2-Dibromoethane	25.0	22.4		ug/L		90	77 - 120
1,2-Dichlorobenzene	25.0	23.4		ug/L		94	80 - 124
1,2-Dichloroethane	25.0	19.0		ug/L		76	75 - 127
1,2-Dichloropropane	25.0	22.1		ug/L		89	76 - 120
1,3-Dichlorobenzene	25.0	24.2		ug/L		97	77 - 120
1,4-Dichlorobenzene	25.0	23.9		ug/L		96	75 - 120
2-Butanone (MEK)	125	105		ug/L		84	57 - 140
2-Hexanone	125	165 *		ug/L		132	65 - 127
4-Methyl-2-pentanone (MIBK)	125	109		ug/L		87	71 - 125
Acetone	125	97.1		ug/L		78	56 - 142
Benzene	25.0	21.4		ug/L		86	71 - 124
Bromodichloromethane	25.0	21.1		ug/L		84	80 - 122
Bromoform	25.0	22.6		ug/L		90	52 - 132
Bromomethane	25.0	21.2		ug/L		85	55 - 144
Carbon disulfide	25.0	23.7		ug/L		95	59 - 134
Carbon tetrachloride	25.0	21.3		ug/L		85	72 - 134
Chlorobenzene	25.0	24.4		ug/L		98	72 - 120
Chloroethane	25.0	21.3		ug/L		85	69 - 136
Chloroform	25.0	20.5		ug/L		82	73 - 127
Chloromethane	25.0	17.7		ug/L		71	68 - 124
cis-1,2-Dichloroethene	25.0	21.3		ug/L		85	74 - 124
cis-1,3-Dichloropropene	25.0	22.9		ug/L		92	74 - 124
Cyclohexane	25.0	21.5		ug/L		86	59 - 135
Dibromochloromethane	25.0	23.8		ug/L		95	75 - 125
Dichlorodifluoromethane	25.0	20.6		ug/L		82	59 - 135
Ethylbenzene	25.0	25.8		ug/L		103	77 - 123
Isopropylbenzene	25.0	26.3		ug/L		105	77 - 122
Methyl acetate	125	87.8 *		ug/L		70	74 - 133
Methyl tert-butyl ether	25.0	19.8		ug/L		79	64 - 127
Methylcyclohexane	25.0	22.7		ug/L		91	61 - 138
Methylene Chloride	25.0	22.3		ug/L		89	57 - 132
Styrene	25.0	27.4		ug/L		110	70 - 130
Tetrachloroethene	25.0	24.5		ug/L		98	74 - 122
Toluene	25.0	25.2		ug/L		101	80 - 122
trans-1,2-Dichloroethene	25.0	21.2		ug/L		85	73 - 127

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101675-1

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

Lab Sample ID: LCS 480-308017/5

Matrix: Water

Analysis Batch: 308017

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	24.5		ug/L		98	72 - 123
Trichloroethene	25.0	21.7		ug/L		87	74 - 123
Trichlorofluoromethane	25.0	20.5		ug/L		82	62 - 152
Vinyl chloride	25.0	17.3		ug/L		69	65 - 133
Xylenes, Total	50.0	53.1		ug/L		106	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		66 - 137
4-Bromofluorobenzene (Surr)	104		73 - 120
Toluene-d8 (Surr)	99		71 - 126
Dibromofluoromethane (Surr)	84		60 - 140

Lab Sample ID: MB 480-308240/6

Matrix: Water

Analysis Batch: 308240

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			06/23/16 22:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/16 22:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/16 22:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/16 22:03	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/23/16 22:03	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/23/16 22:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/16 22:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/16 22:03	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/16 22:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/16 22:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/16 22:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/16 22:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/23/16 22:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/16 22:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/16 22:03	1
2-Hexanone	ND		5.0	1.2	ug/L			06/23/16 22:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/16 22:03	1
Acetone	ND		10	3.0	ug/L			06/23/16 22:03	1
Benzene	ND		1.0	0.41	ug/L			06/23/16 22:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/16 22:03	1
Bromoform	ND		1.0	0.26	ug/L			06/23/16 22:03	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/16 22:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/16 22:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/16 22:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/16 22:03	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/16 22:03	1
Chloroform	ND		1.0	0.34	ug/L			06/23/16 22:03	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/16 22:03	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/23/16 22:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/16 22:03	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/16 22:03	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101675-1

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

Lab Sample ID: MB 480-308240/6

Matrix: Water

Analysis Batch: 308240

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			06/23/16 22:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/23/16 22:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/16 22:03	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/16 22:03	1
Methyl acetate	ND		2.5	1.3	ug/L			06/23/16 22:03	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/23/16 22:03	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/16 22:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/16 22:03	1
Styrene	ND		1.0	0.73	ug/L			06/23/16 22:03	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/16 22:03	1
Toluene	ND		1.0	0.51	ug/L			06/23/16 22:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/23/16 22:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/16 22:03	1
Trichloroethene	ND		1.0	0.46	ug/L			06/23/16 22:03	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/16 22:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/23/16 22:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/16 22:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		66 - 137		06/23/16 22:03	1
4-Bromofluorobenzene (Surr)	107		73 - 120		06/23/16 22:03	1
Toluene-d8 (Surr)	95		71 - 126		06/23/16 22:03	1
Dibromofluoromethane (Surr)	102		60 - 140		06/23/16 22:03	1

Lab Sample ID: LCS 480-308240/4

Matrix: Water

Analysis Batch: 308240

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	21.7		ug/L		87	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.3		ug/L		89	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.7		ug/L		87	52 - 148
1,1,2-Trichloroethane	25.0	24.3		ug/L		97	76 - 122
1,1-Dichloroethane	25.0	23.2		ug/L		93	71 - 129
1,1-Dichloroethene	25.0	23.5		ug/L		94	58 - 121
1,2,4-Trichlorobenzene	25.0	26.0		ug/L		104	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	21.3		ug/L		85	56 - 134
1,2-Dibromoethane	25.0	23.8		ug/L		95	77 - 120
1,2-Dichlorobenzene	25.0	23.8		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	20.8		ug/L		83	75 - 127
1,2-Dichloropropane	25.0	25.3		ug/L		101	76 - 120
1,3-Dichlorobenzene	25.0	23.5		ug/L		94	77 - 120
1,4-Dichlorobenzene	25.0	23.5		ug/L		94	75 - 120
2-Butanone (MEK)	125	138		ug/L		110	57 - 140
2-Hexanone	125	113		ug/L		91	65 - 127
4-Methyl-2-pentanone (MIBK)	125	106		ug/L		85	71 - 125
Acetone	125	149		ug/L		120	56 - 142

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101675-1

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

Lab Sample ID: LCS 480-308240/4

Matrix: Water

Analysis Batch: 308240

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	25.5		ug/L		102	71 - 124
Bromodichloromethane	25.0	24.0		ug/L		96	80 - 122
Bromoform	25.0	27.4		ug/L		110	52 - 132
Bromomethane	25.0	28.1		ug/L		113	55 - 144
Carbon disulfide	25.0	22.0		ug/L		88	59 - 134
Carbon tetrachloride	25.0	21.4		ug/L		85	72 - 134
Chlorobenzene	25.0	24.2		ug/L		97	72 - 120
Chloroethane	25.0	24.5		ug/L		98	69 - 136
Chloroform	25.0	22.8		ug/L		91	73 - 127
Chloromethane	25.0	24.5		ug/L		98	68 - 124
cis-1,2-Dichloroethene	25.0	25.4		ug/L		102	74 - 124
cis-1,3-Dichloropropene	25.0	24.2		ug/L		97	74 - 124
Cyclohexane	25.0	20.6		ug/L		82	59 - 135
Dibromochloromethane	25.0	25.4		ug/L		102	75 - 125
Dichlorodifluoromethane	25.0	22.2		ug/L		89	59 - 135
Ethylbenzene	25.0	23.0		ug/L		92	77 - 123
Isopropylbenzene	25.0	21.7		ug/L		87	77 - 122
Methyl acetate	125	120		ug/L		96	74 - 133
Methyl tert-butyl ether	25.0	23.5		ug/L		94	64 - 127
Methylcyclohexane	25.0	21.8		ug/L		87	61 - 138
Methylene Chloride	25.0	26.7		ug/L		107	57 - 132
Styrene	25.0	24.3		ug/L		97	70 - 130
Tetrachloroethene	25.0	24.9		ug/L		100	74 - 122
Toluene	25.0	23.4		ug/L		94	80 - 122
trans-1,2-Dichloroethene	25.0	24.3		ug/L		97	73 - 127
trans-1,3-Dichloropropene	25.0	22.7		ug/L		91	72 - 123
Trichloroethene	25.0	24.6		ug/L		98	74 - 123
Trichlorofluoromethane	25.0	20.7		ug/L		83	62 - 152
Vinyl chloride	25.0	25.0		ug/L		100	65 - 133
Xylenes, Total	50.0	48.0		ug/L		96	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	86		66 - 137
4-Bromofluorobenzene (Surr)	108		73 - 120
Toluene-d8 (Surr)	96		71 - 126
Dibromofluoromethane (Surr)	102		60 - 140

Lab Sample ID: 480-101675-6 MS

Matrix: Water

Analysis Batch: 308240

Client Sample ID: BCC Area E RFI-PZ-17_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		25.0	25.9		ug/L		104	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	24.6		ug/L		98	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	29.1		ug/L		117	52 - 148
1,1,2-Trichloroethane	ND		25.0	25.8		ug/L		103	76 - 122
1,1-Dichloroethane	ND		25.0	27.0		ug/L		108	71 - 129

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101675-1

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

Lab Sample ID: 480-101675-6 MS

Matrix: Water

Analysis Batch: 308240

Client Sample ID: BCC Area E RFI-PZ-17_0616

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	29.9		ug/L		120	58 - 121
1,2,4-Trichlorobenzene	ND		25.0	28.3		ug/L		113	70 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	21.6		ug/L		87	56 - 134
1,2-Dibromoethane	ND		25.0	25.8		ug/L		103	77 - 120
1,2-Dichlorobenzene	ND		25.0	26.4		ug/L		106	80 - 124
1,2-Dichloroethane	ND		25.0	22.7		ug/L		91	75 - 127
1,2-Dichloropropane	ND		25.0	27.2		ug/L		109	76 - 120
1,3-Dichlorobenzene	ND		25.0	26.7		ug/L		107	77 - 120
1,4-Dichlorobenzene	ND		25.0	26.3		ug/L		105	75 - 120
2-Butanone (MEK)	ND		125	129		ug/L		103	57 - 140
2-Hexanone	ND		125	116		ug/L		93	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	112		ug/L		89	71 - 125
Acetone	4.5	J	125	123		ug/L		95	56 - 142
Benzene	ND		25.0	28.3		ug/L		113	71 - 124
Bromodichloromethane	ND		25.0	26.0		ug/L		104	80 - 122
Bromoform	ND		25.0	28.4		ug/L		113	52 - 132
Bromomethane	ND		25.0	32.9		ug/L		131	55 - 144
Carbon disulfide	ND		25.0	26.4		ug/L		106	59 - 134
Carbon tetrachloride	ND		25.0	27.1		ug/L		108	72 - 134
Chlorobenzene	ND		25.0	27.2		ug/L		109	72 - 120
Chloroethane	ND		25.0	28.6		ug/L		114	69 - 136
Chloroform	ND		25.0	25.8		ug/L		103	73 - 127
Chloromethane	ND	F2	25.0	29.4		ug/L		118	68 - 124
cis-1,2-Dichloroethene	ND		25.0	28.4		ug/L		114	74 - 124
cis-1,3-Dichloropropene	ND		25.0	24.7		ug/L		99	74 - 124
Cyclohexane	ND		25.0	27.0		ug/L		108	59 - 135
Dibromochloromethane	ND		25.0	27.8		ug/L		111	75 - 125
Dichlorodifluoromethane	ND	F2	25.0	32.8		ug/L		131	59 - 135
Ethylbenzene	ND	F2	25.0	26.8		ug/L		107	77 - 123
Isopropylbenzene	ND		25.0	25.9		ug/L		104	77 - 122
Methyl acetate	ND		125	123		ug/L		99	74 - 133
Methyl tert-butyl ether	ND		25.0	24.4		ug/L		98	64 - 127
Methylcyclohexane	ND		25.0	29.0		ug/L		116	61 - 138
Methylene Chloride	ND		25.0	28.5		ug/L		114	57 - 132
Styrene	ND		25.0	27.7		ug/L		111	70 - 130
Tetrachloroethene	ND		25.0	30.5		ug/L		122	74 - 122
Toluene	ND	F2	25.0	27.6		ug/L		110	80 - 122
trans-1,2-Dichloroethene	ND		25.0	29.3		ug/L		117	73 - 127
trans-1,3-Dichloropropene	ND		25.0	24.0		ug/L		96	72 - 123
Trichloroethene	ND		25.0	28.9		ug/L		116	74 - 123
Trichlorofluoromethane	ND		25.0	28.7		ug/L		115	62 - 152
Vinyl chloride	ND	F2	25.0	32.4		ug/L		129	65 - 133
Xylenes, Total	ND	F2	50.0	55.4		ug/L		111	76 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	86		66 - 137
4-Bromofluorobenzene (Surr)	108		73 - 120
Toluene-d8 (Surr)	99		71 - 126

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101675-1

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

Lab Sample ID: 480-101675-6 MS

Matrix: Water

Analysis Batch: 308240

Client Sample ID: BCC Area E RFI-PZ-17_0616

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	104		60 - 140

Lab Sample ID: 480-101675-6 MSD

Matrix: Water

Analysis Batch: 308240

Client Sample ID: BCC Area E RFI-PZ-17_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		25.0	23.1		ug/L		92	73 - 126	11	15
1,1,2,2-Tetrachloroethane	ND		25.0	21.3		ug/L		85	70 - 126	14	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	23.9		ug/L		96	52 - 148	20	20
1,1,2-Trichloroethane	ND		25.0	23.6		ug/L		94	76 - 122	9	15
1,1-Dichloroethane	ND		25.0	23.9		ug/L		95	71 - 129	12	20
1,1-Dichloroethene	ND		25.0	26.3		ug/L		105	58 - 121	13	16
1,2,4-Trichlorobenzene	ND		25.0	24.7		ug/L		99	70 - 122	14	20
1,2-Dibromo-3-Chloropropane	ND		25.0	20.4		ug/L		82	56 - 134	6	15
1,2-Dibromoethane	ND		25.0	23.1		ug/L		93	77 - 120	11	15
1,2-Dichlorobenzene	ND		25.0	22.8		ug/L		91	80 - 124	15	20
1,2-Dichloroethane	ND		25.0	20.4		ug/L		82	75 - 127	11	20
1,2-Dichloropropane	ND		25.0	23.6		ug/L		94	76 - 120	14	20
1,3-Dichlorobenzene	ND		25.0	23.0		ug/L		92	77 - 120	15	20
1,4-Dichlorobenzene	ND		25.0	23.1		ug/L		93	75 - 120	13	20
2-Butanone (MEK)	ND		125	112		ug/L		89	57 - 140	14	20
2-Hexanone	ND		125	102		ug/L		81	65 - 127	13	15
4-Methyl-2-pentanone (MIBK)	ND		125	97.4		ug/L		78	71 - 125	14	35
Acetone	4.5	J	125	111		ug/L		85	56 - 142	10	15
Benzene	ND		25.0	25.5		ug/L		102	71 - 124	10	13
Bromodichloromethane	ND		25.0	22.8		ug/L		91	80 - 122	13	15
Bromoform	ND		25.0	24.8		ug/L		99	52 - 132	14	15
Bromomethane	ND		25.0	28.2		ug/L		113	55 - 144	15	15
Carbon disulfide	ND		25.0	23.8		ug/L		95	59 - 134	10	15
Carbon tetrachloride	ND		25.0	23.8		ug/L		95	72 - 134	13	15
Chlorobenzene	ND		25.0	23.3		ug/L		93	72 - 120	15	25
Chloroethane	ND		25.0	25.1		ug/L		100	69 - 136	13	15
Chloroform	ND		25.0	23.2		ug/L		93	73 - 127	11	20
Chloromethane	ND	F2	25.0	25.0	F2	ug/L		100	68 - 124	16	15
cis-1,2-Dichloroethene	ND		25.0	25.7		ug/L		103	74 - 124	10	15
cis-1,3-Dichloropropene	ND		25.0	22.5		ug/L		90	74 - 124	9	15
Cyclohexane	ND		25.0	23.0		ug/L		92	59 - 135	16	20
Dibromochloromethane	ND		25.0	24.3		ug/L		97	75 - 125	13	15
Dichlorodifluoromethane	ND	F2	25.0	25.6	F2	ug/L		102	59 - 135	24	20
Ethylbenzene	ND	F2	25.0	22.8	F2	ug/L		91	77 - 123	16	15
Isopropylbenzene	ND		25.0	22.2		ug/L		89	77 - 122	15	20
Methyl acetate	ND		125	112		ug/L		89	74 - 133	10	20
Methyl tert-butyl ether	ND		25.0	22.5		ug/L		90	64 - 127	8	37
Methylcyclohexane	ND		25.0	24.6		ug/L		98	61 - 138	17	20
Methylene Chloride	ND		25.0	26.8		ug/L		107	57 - 132	6	15
Styrene	ND		25.0	22.9		ug/L		92	70 - 130	19	20

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101675-1

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

Lab Sample ID: 480-101675-6 MSD

Matrix: Water

Analysis Batch: 308240

Client Sample ID: BCC Area E RFI-PZ-17_0616

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	26.3		ug/L		105	74 - 122	15	20
Toluene	ND	F2	25.0	23.4	F2	ug/L		94	80 - 122	17	15
trans-1,2-Dichloroethene	ND		25.0	26.1		ug/L		104	73 - 127	12	20
trans-1,3-Dichloropropene	ND		25.0	20.6		ug/L		83	72 - 123	15	15
Trichloroethene	ND		25.0	25.6		ug/L		102	74 - 123	12	16
Trichlorofluoromethane	ND		25.0	24.4		ug/L		98	62 - 152	16	20
Vinyl chloride	ND	F2	25.0	27.0	F2	ug/L		108	65 - 133	18	15
Xylenes, Total	ND	F2	50.0	46.4	F2	ug/L		93	76 - 122	18	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		66 - 137
4-Bromofluorobenzene (Surr)	108		73 - 120
Toluene-d8 (Surr)	98		71 - 126
Dibromofluoromethane (Surr)	103		60 - 140

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

Lab Sample ID: MB 480-306989/1-A

Matrix: Water

Analysis Batch: 307218

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 306989

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/16/16 10:55	06/17/16 17:39	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/16/16 10:55	06/17/16 17:39	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/16/16 10:55	06/17/16 17:39	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/16/16 10:55	06/17/16 17:39	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/16/16 10:55	06/17/16 17:39	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/16/16 10:55	06/17/16 17:39	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/16/16 10:55	06/17/16 17:39	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/16/16 10:55	06/17/16 17:39	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/16/16 10:55	06/17/16 17:39	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/16/16 10:55	06/17/16 17:39	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/16/16 10:55	06/17/16 17:39	1
2-Nitroaniline	ND		10	0.42	ug/L		06/16/16 10:55	06/17/16 17:39	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/16/16 10:55	06/17/16 17:39	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/16/16 10:55	06/17/16 17:39	1
3-Nitroaniline	ND		10	0.48	ug/L		06/16/16 10:55	06/17/16 17:39	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/16/16 10:55	06/17/16 17:39	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/16/16 10:55	06/17/16 17:39	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/16/16 10:55	06/17/16 17:39	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/16/16 10:55	06/17/16 17:39	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/16/16 10:55	06/17/16 17:39	1
4-Methylphenol	ND		10	0.36	ug/L		06/16/16 10:55	06/17/16 17:39	1
4-Nitroaniline	ND		10	0.25	ug/L		06/16/16 10:55	06/17/16 17:39	1
4-Nitrophenol	ND		10	1.5	ug/L		06/16/16 10:55	06/17/16 17:39	1
Acenaphthene	ND		5.0	0.41	ug/L		06/16/16 10:55	06/17/16 17:39	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/16/16 10:55	06/17/16 17:39	1
Acetophenone	ND		5.0	0.54	ug/L		06/16/16 10:55	06/17/16 17:39	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101675-1

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

Lab Sample ID: MB 480-306989/1-A

Matrix: Water

Analysis Batch: 307218

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 306989

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	ND		10	0.61	ug/L		06/16/16 10:55	06/17/16 17:39	1
Anthracene	ND		5.0	0.28	ug/L		06/16/16 10:55	06/17/16 17:39	1
Atrazine	ND		5.0	0.46	ug/L		06/16/16 10:55	06/17/16 17:39	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/16/16 10:55	06/17/16 17:39	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/16/16 10:55	06/17/16 17:39	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/16/16 10:55	06/17/16 17:39	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/16/16 10:55	06/17/16 17:39	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/16/16 10:55	06/17/16 17:39	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/16/16 10:55	06/17/16 17:39	1
Biphenyl	ND		5.0	0.65	ug/L		06/16/16 10:55	06/17/16 17:39	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/16/16 10:55	06/17/16 17:39	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/16/16 10:55	06/17/16 17:39	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/16/16 10:55	06/17/16 17:39	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/16/16 10:55	06/17/16 17:39	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/16/16 10:55	06/17/16 17:39	1
Caprolactam	ND		5.0	2.2	ug/L		06/16/16 10:55	06/17/16 17:39	1
Carbazole	ND		5.0	0.30	ug/L		06/16/16 10:55	06/17/16 17:39	1
Chrysene	ND		5.0	0.33	ug/L		06/16/16 10:55	06/17/16 17:39	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/16/16 10:55	06/17/16 17:39	1
Dibenzofuran	ND		10	0.51	ug/L		06/16/16 10:55	06/17/16 17:39	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/16/16 10:55	06/17/16 17:39	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/16/16 10:55	06/17/16 17:39	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/16/16 10:55	06/17/16 17:39	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/16/16 10:55	06/17/16 17:39	1
Fluoranthene	ND		5.0	0.40	ug/L		06/16/16 10:55	06/17/16 17:39	1
Fluorene	ND		5.0	0.36	ug/L		06/16/16 10:55	06/17/16 17:39	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/16/16 10:55	06/17/16 17:39	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/16/16 10:55	06/17/16 17:39	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/16/16 10:55	06/17/16 17:39	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/16/16 10:55	06/17/16 17:39	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/16/16 10:55	06/17/16 17:39	1
Isophorone	ND		5.0	0.43	ug/L		06/16/16 10:55	06/17/16 17:39	1
Naphthalene	ND		5.0	0.76	ug/L		06/16/16 10:55	06/17/16 17:39	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/16/16 10:55	06/17/16 17:39	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/16/16 10:55	06/17/16 17:39	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/16/16 10:55	06/17/16 17:39	1
Pentachlorophenol	ND		10	2.2	ug/L		06/16/16 10:55	06/17/16 17:39	1
Phenanthrene	ND		5.0	0.44	ug/L		06/16/16 10:55	06/17/16 17:39	1
Phenol	ND		5.0	0.39	ug/L		06/16/16 10:55	06/17/16 17:39	1
Pyrene	ND		5.0	0.34	ug/L		06/16/16 10:55	06/17/16 17:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	98		52 - 132	06/16/16 10:55	06/17/16 17:39	1
2-Fluorobiphenyl	89		48 - 120	06/16/16 10:55	06/17/16 17:39	1
2-Fluorophenol	71		20 - 120	06/16/16 10:55	06/17/16 17:39	1
Nitrobenzene-d5	95		46 - 120	06/16/16 10:55	06/17/16 17:39	1
Phenol-d5	51		16 - 120	06/16/16 10:55	06/17/16 17:39	1
p-Terphenyl-d14	114		67 - 150	06/16/16 10:55	06/17/16 17:39	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101675-1

Lab Sample ID: LCS 480-306989/2-A

Matrix: Water

Analysis Batch: 307218

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 306989

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	16.0	17.0		ug/L		106	65 - 126
2,4,6-Trichlorophenol	16.0	17.1		ug/L		107	64 - 120
2,4-Dichlorophenol	16.0	14.9		ug/L		93	64 - 120
2,4-Dimethylphenol	16.0	14.4		ug/L		90	57 - 120
2,4-Dinitrophenol	32.0	27.8		ug/L		87	42 - 153
2,4-Dinitrotoluene	16.0	16.6		ug/L		104	65 - 154
2,6-Dinitrotoluene	16.0	15.9		ug/L		99	74 - 134
2-Chloronaphthalene	16.0	15.3		ug/L		96	41 - 124
2-Chlorophenol	16.0	14.2		ug/L		89	48 - 120
2-Methylnaphthalene	16.0	14.8		ug/L		92	34 - 122
2-Methylphenol	16.0	14.0		ug/L		87	39 - 120
2-Nitroaniline	16.0	15.0		ug/L		93	67 - 136
2-Nitrophenol	16.0	15.7		ug/L		98	59 - 120
3,3'-Dichlorobenzidine	32.0	33.7		ug/L		105	33 - 140
3-Nitroaniline	16.0	13.8		ug/L		86	28 - 130
4,6-Dinitro-2-methylphenol	32.0	29.7		ug/L		93	64 - 159
4-Bromophenyl phenyl ether	16.0	15.9		ug/L		99	71 - 126
4-Chloro-3-methylphenol	16.0	16.2		ug/L		101	64 - 120
4-Chloroaniline	16.0	10.9		ug/L		68	10 - 130
4-Chlorophenyl phenyl ether	16.0	16.0		ug/L		100	71 - 122
4-Methylphenol	16.0	13.7		ug/L		85	39 - 120
4-Nitroaniline	16.0	14.6		ug/L		91	47 - 130
4-Nitrophenol	32.0	27.8		ug/L		87	16 - 120
Acenaphthene	16.0	14.8		ug/L		93	60 - 120
Acenaphthylene	16.0	15.0		ug/L		94	63 - 120
Acetophenone	16.0	14.9		ug/L		93	45 - 120
Aniline	16.0	9.05	J	ug/L		57	37 - 120
Anthracene	16.0	13.1		ug/L		82	58 - 148
Atrazine	32.0	37.0		ug/L		116	56 - 179
Benzaldehyde	32.0	31.3		ug/L		98	30 - 140
Benzo(a)anthracene	16.0	16.2		ug/L		101	55 - 151
Benzo(a)pyrene	16.0	15.6		ug/L		98	60 - 145
Benzo(b)fluoranthene	16.0	16.9		ug/L		105	54 - 140
Benzo(g,h,i)perylene	16.0	17.5		ug/L		110	66 - 152
Benzo(k)fluoranthene	16.0	16.7		ug/L		105	51 - 153
Biphenyl	16.0	15.4		ug/L		96	30 - 140
bis (2-chloroisopropyl) ether	16.0	13.9		ug/L		87	28 - 136
Bis(2-chloroethoxy)methane	16.0	15.2		ug/L		95	50 - 128
Bis(2-chloroethyl)ether	16.0	14.4		ug/L		90	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	16.1		ug/L		101	53 - 158
Butyl benzyl phthalate	16.0	17.1		ug/L		107	58 - 163
Caprolactam	32.0	12.6		ug/L		39	14 - 130
Carbazole	16.0	17.0		ug/L		106	59 - 148
Chrysene	16.0	15.9		ug/L		100	69 - 140
Dibenz(a,h)anthracene	16.0	17.4		ug/L		109	57 - 148
Dibenzofuran	16.0	15.8		ug/L		99	49 - 137
Diethyl phthalate	16.0	16.1		ug/L		101	59 - 146
Dimethyl phthalate	16.0	16.6		ug/L		104	59 - 141
Di-n-butyl phthalate	16.0	17.0		ug/L		106	58 - 149
Di-n-octyl phthalate	16.0	15.5		ug/L		97	55 - 167

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101675-1

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

Lab Sample ID: LCS 480-306989/2-A

Matrix: Water

Analysis Batch: 307218

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 306989

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoranthene	16.0	16.9		ug/L		106	55 - 147
Fluorene	16.0	16.2		ug/L		101	55 - 143
Hexachlorobenzene	16.0	15.0		ug/L		94	14 - 130
Hexachlorobutadiene	16.0	12.8		ug/L		80	14 - 130
Hexachlorocyclopentadiene	16.0	11.6		ug/L		73	13 - 130
Hexachloroethane	16.0	12.6		ug/L		79	14 - 130
Indeno(1,2,3-cd)pyrene	16.0	17.7		ug/L		110	69 - 146
Isophorone	16.0	16.0		ug/L		100	48 - 133
Naphthalene	16.0	14.1		ug/L		88	35 - 130
Nitrobenzene	16.0	15.0		ug/L		94	45 - 123
N-Nitrosodi-n-propylamine	16.0	15.0		ug/L		94	56 - 120
N-Nitrosodiphenylamine	16.0	12.1		ug/L		75	25 - 125
Pentachlorophenol	32.0	39.9		ug/L		125	39 - 136
Phenanthrene	16.0	16.1		ug/L		100	57 - 147
Phenol	16.0	9.69		ug/L		61	17 - 120
Pyrene	16.0	15.7		ug/L		98	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	98		52 - 132
2-Fluorobiphenyl	95		48 - 120
2-Fluorophenol	78		20 - 120
Nitrobenzene-d5	95		46 - 120
Phenol-d5	59		16 - 120
p-Terphenyl-d14	108		67 - 150

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-306931/1-A

Matrix: Water

Analysis Batch: 307150

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 306931

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/16/16 07:34	06/16/16 18:04	1
Antimony	ND		0.020	0.0068	mg/L		06/16/16 07:34	06/16/16 18:04	1
Arsenic	ND		0.015	0.0056	mg/L		06/16/16 07:34	06/16/16 18:04	1
Beryllium	ND		0.0020	0.00030	mg/L		06/16/16 07:34	06/16/16 18:04	1
Cadmium	ND		0.0020	0.00050	mg/L		06/16/16 07:34	06/16/16 18:04	1
Calcium	ND		0.50	0.10	mg/L		06/16/16 07:34	06/16/16 18:04	1
Chromium	ND		0.0040	0.0010	mg/L		06/16/16 07:34	06/16/16 18:04	1
Cobalt	ND		0.0040	0.00063	mg/L		06/16/16 07:34	06/16/16 18:04	1
Copper	ND		0.010	0.0016	mg/L		06/16/16 07:34	06/16/16 18:04	1
Iron	ND		0.050	0.019	mg/L		06/16/16 07:34	06/16/16 18:04	1
Lead	ND		0.010	0.0030	mg/L		06/16/16 07:34	06/16/16 18:04	1
Magnesium	ND		0.20	0.043	mg/L		06/16/16 07:34	06/16/16 18:04	1
Manganese	0.000660	J	0.0030	0.00040	mg/L		06/16/16 07:34	06/16/16 18:04	1
Nickel	ND		0.010	0.0013	mg/L		06/16/16 07:34	06/16/16 18:04	1
Potassium	ND		0.50	0.10	mg/L		06/16/16 07:34	06/16/16 18:04	1
Selenium	ND		0.025	0.0087	mg/L		06/16/16 07:34	06/16/16 18:04	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101675-1

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

Lab Sample ID: MB 480-306931/1-A

Matrix: Water

Analysis Batch: 307150

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 306931

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/16/16 07:34	06/16/16 18:04	1
Sodium	0.415	J	1.0	0.32	mg/L		06/16/16 07:34	06/16/16 18:04	1
Thallium	ND		0.020	0.010	mg/L		06/16/16 07:34	06/16/16 18:04	1
Vanadium	ND		0.0050	0.0015	mg/L		06/16/16 07:34	06/16/16 18:04	1
Zinc	0.00226	J	0.010	0.0015	mg/L		06/16/16 07:34	06/16/16 18:04	1

Lab Sample ID: MB 480-306931/1-A

Matrix: Water

Analysis Batch: 307692

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 306931

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.00191	J	0.0020	0.00070	mg/L		06/16/16 07:34	06/20/16 14:25	1

Lab Sample ID: LCS 480-306931/2-A

Matrix: Water

Analysis Batch: 307150

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 306931

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	9.56		mg/L		96	80 - 120
Antimony	0.200	0.197		mg/L		99	80 - 120
Arsenic	0.200	0.198		mg/L		99	80 - 120
Barium	0.200	0.199		mg/L		99	80 - 120
Beryllium	0.200	0.194		mg/L		97	80 - 120
Cadmium	0.200	0.202		mg/L		101	80 - 120
Calcium	10.0	9.42		mg/L		94	80 - 120
Chromium	0.200	0.199		mg/L		100	80 - 120
Cobalt	0.200	0.187		mg/L		94	80 - 120
Copper	0.200	0.189		mg/L		94	80 - 120
Iron	10.0	10.09		mg/L		101	80 - 120
Lead	0.200	0.195		mg/L		97	80 - 120
Magnesium	10.0	9.87		mg/L		99	80 - 120
Manganese	0.200	0.199		mg/L		99	80 - 120
Nickel	0.200	0.187		mg/L		94	80 - 120
Potassium	10.0	9.94		mg/L		99	80 - 120
Selenium	0.200	0.198		mg/L		99	80 - 120
Silver	0.0500	0.0492		mg/L		98	80 - 120
Sodium	10.0	9.93		mg/L		99	80 - 120
Thallium	0.200	0.196		mg/L		98	80 - 120
Vanadium	0.200	0.196		mg/L		98	80 - 120
Zinc	0.200	0.194		mg/L		97	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-307552/1-A

Matrix: Water

Analysis Batch: 307780

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 307552

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/16 06:30	06/21/16 12:37	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101675-1

Lab Sample ID: LCS 480-307552/2-A

Matrix: Water

Analysis Batch: 307780

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 307552

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00737		mg/L		110	80 - 120

Lab Sample ID: LCSD 480-307552/3-A

Matrix: Water

Analysis Batch: 307780

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 307552

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Mercury	0.00667	0.00737		mg/L		110	80 - 120	0	20

Lab Sample ID: 480-101675-1 MS

Matrix: Water

Analysis Batch: 307780

Client Sample ID: BCC Area E MW-E08_0616

Prep Type: Total/NA

Prep Batch: 307552

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00743		mg/L		111	80 - 120

Lab Sample ID: 480-101675-1 MSD

Matrix: Water

Analysis Batch: 307780

Client Sample ID: BCC Area E MW-E08_0616

Prep Type: Total/NA

Prep Batch: 307552

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Mercury	ND		0.00667	0.00742		mg/L		111	80 - 120	0	20

QC Association Summary

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

TestAmerica Job ID: 480-101675-1

GC/MS VOA

Analysis Batch: 308017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101675-1	BCC Area E MW-E08_0616	Total/NA	Water	8260C	
480-101675-2	BCC Area E MW-E09_0616	Total/NA	Water	8260C	
480-101675-3	BCC Area E MW-E10_0616	Total/NA	Water	8260C	
480-101675-4	BCC Area E ICM-PZ-02S_0616	Total/NA	Water	8260C	
480-101675-5	BCC Area E ICM-PZ-03S_0616	Total/NA	Water	8260C	
480-101675-7	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-308017/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-308017/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 308240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101675-6	BCC Area E RFI-PZ-17_0616	Total/NA	Water	8260C	
480-101675-6 MS	BCC Area E RFI-PZ-17_0616	Total/NA	Water	8260C	
480-101675-6 MSD	BCC Area E RFI-PZ-17_0616	Total/NA	Water	8260C	
LCS 480-308240/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-308240/6	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 306989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101675-1	BCC Area E MW-E08_0616	Total/NA	Water	3510C	
480-101675-2	BCC Area E MW-E09_0616	Total/NA	Water	3510C	
480-101675-3	BCC Area E MW-E10_0616	Total/NA	Water	3510C	
480-101675-4	BCC Area E ICM-PZ-02S_0616	Total/NA	Water	3510C	
480-101675-5	BCC Area E ICM-PZ-03S_0616	Total/NA	Water	3510C	
480-101675-6	BCC Area E RFI-PZ-17_0616	Total/NA	Water	3510C	
LCS 480-306989/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-306989/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 307218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101675-1	BCC Area E MW-E08_0616	Total/NA	Water	8270D	306989
480-101675-2	BCC Area E MW-E09_0616	Total/NA	Water	8270D	306989
480-101675-3	BCC Area E MW-E10_0616	Total/NA	Water	8270D	306989
480-101675-4	BCC Area E ICM-PZ-02S_0616	Total/NA	Water	8270D	306989
LCS 480-306989/2-A	Lab Control Sample	Total/NA	Water	8270D	306989
MB 480-306989/1-A	Method Blank	Total/NA	Water	8270D	306989

Analysis Batch: 307240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101675-5	BCC Area E ICM-PZ-03S_0616	Total/NA	Water	8270D	306989

Analysis Batch: 307365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101675-6	BCC Area E RFI-PZ-17_0616	Total/NA	Water	8270D	306989

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-101675-1

Metals

Prep Batch: 306931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101675-1	BCC Area E MW-E08_0616	Total/NA	Water	3005A	
480-101675-2	BCC Area E MW-E09_0616	Total/NA	Water	3005A	
480-101675-3	BCC Area E MW-E10_0616	Total/NA	Water	3005A	
480-101675-4	BCC Area E ICM-PZ-02S_0616	Total/NA	Water	3005A	
480-101675-5	BCC Area E ICM-PZ-03S_0616	Total/NA	Water	3005A	
480-101675-6	BCC Area E RFI-PZ-17_0616	Total/NA	Water	3005A	
LCS 480-306931/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-306931/1-A	Method Blank	Total/NA	Water	3005A	

Analysis Batch: 307150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101675-1	BCC Area E MW-E08_0616	Total/NA	Water	6010C	306931
480-101675-2	BCC Area E MW-E09_0616	Total/NA	Water	6010C	306931
480-101675-3	BCC Area E MW-E10_0616	Total/NA	Water	6010C	306931
480-101675-4	BCC Area E ICM-PZ-02S_0616	Total/NA	Water	6010C	306931
480-101675-5	BCC Area E ICM-PZ-03S_0616	Total/NA	Water	6010C	306931
480-101675-6	BCC Area E RFI-PZ-17_0616	Total/NA	Water	6010C	306931
LCS 480-306931/2-A	Lab Control Sample	Total/NA	Water	6010C	306931
MB 480-306931/1-A	Method Blank	Total/NA	Water	6010C	306931

Prep Batch: 307552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101675-1	BCC Area E MW-E08_0616	Total/NA	Water	7470A	
480-101675-1 MS	BCC Area E MW-E08_0616	Total/NA	Water	7470A	
480-101675-1 MSD	BCC Area E MW-E08_0616	Total/NA	Water	7470A	
480-101675-2	BCC Area E MW-E09_0616	Total/NA	Water	7470A	
480-101675-3	BCC Area E MW-E10_0616	Total/NA	Water	7470A	
480-101675-4	BCC Area E ICM-PZ-02S_0616	Total/NA	Water	7470A	
480-101675-5	BCC Area E ICM-PZ-03S_0616	Total/NA	Water	7470A	
480-101675-6	BCC Area E RFI-PZ-17_0616	Total/NA	Water	7470A	
LCS 480-307552/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 480-307552/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
MB 480-307552/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 307692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-306931/1-A	Method Blank	Total/NA	Water	6010C	306931

Analysis Batch: 307780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101675-1	BCC Area E MW-E08_0616	Total/NA	Water	7470A	307552
480-101675-1 MS	BCC Area E MW-E08_0616	Total/NA	Water	7470A	307552
480-101675-1 MSD	BCC Area E MW-E08_0616	Total/NA	Water	7470A	307552
480-101675-2	BCC Area E MW-E09_0616	Total/NA	Water	7470A	307552
480-101675-3	BCC Area E MW-E10_0616	Total/NA	Water	7470A	307552
480-101675-4	BCC Area E ICM-PZ-02S_0616	Total/NA	Water	7470A	307552
480-101675-5	BCC Area E ICM-PZ-03S_0616	Total/NA	Water	7470A	307552
480-101675-6	BCC Area E RFI-PZ-17_0616	Total/NA	Water	7470A	307552
LCS 480-307552/2-A	Lab Control Sample	Total/NA	Water	7470A	307552
LCSD 480-307552/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	307552
MB 480-307552/1-A	Method Blank	Total/NA	Water	7470A	307552

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E MW-E08_0616

Date Collected: 06/15/16 11:25

Date Received: 06/15/16 15:45

Lab Sample ID: 480-101675-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	308017	06/23/16 02:16	GTG	TAL BUF
Total/NA	Prep	3510C			306989	06/16/16 10:55	CPH	TAL BUF
Total/NA	Analysis	8270D		1	307218	06/17/16 22:00	PJQ	TAL BUF
Total/NA	Prep	3005A			306931	06/16/16 07:34	BAE	TAL BUF
Total/NA	Analysis	6010C		1	307150	06/16/16 19:25	SLB	TAL BUF
Total/NA	Prep	7470A			307552	06/21/16 06:30	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	307780	06/21/16 12:45	KJ1	TAL BUF

Client Sample ID: BCC Area E MW-E09_0616

Date Collected: 06/15/16 12:12

Date Received: 06/15/16 15:45

Lab Sample ID: 480-101675-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	308017	06/23/16 02:41	GTG	TAL BUF
Total/NA	Prep	3510C			306989	06/16/16 10:55	CPH	TAL BUF
Total/NA	Analysis	8270D		1	307218	06/17/16 22:28	PJQ	TAL BUF
Total/NA	Prep	3005A			306931	06/16/16 07:34	BAE	TAL BUF
Total/NA	Analysis	6010C		1	307150	06/16/16 19:28	SLB	TAL BUF
Total/NA	Prep	7470A			307552	06/21/16 06:30	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	307780	06/21/16 12:53	KJ1	TAL BUF

Client Sample ID: BCC Area E MW-E10_0616

Date Collected: 06/15/16 13:10

Date Received: 06/15/16 15:45

Lab Sample ID: 480-101675-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	308017	06/23/16 03:06	GTG	TAL BUF
Total/NA	Prep	3510C			306989	06/16/16 10:55	CPH	TAL BUF
Total/NA	Analysis	8270D		10	307218	06/17/16 22:57	PJQ	TAL BUF
Total/NA	Prep	3005A			306931	06/16/16 07:34	BAE	TAL BUF
Total/NA	Analysis	6010C		1	307150	06/16/16 19:42	SLB	TAL BUF
Total/NA	Prep	7470A			307552	06/21/16 06:30	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	307780	06/21/16 12:54	KJ1	TAL BUF

Client Sample ID: BCC Area E ICM-PZ-02S_0616

Date Collected: 06/15/16 09:15

Date Received: 06/15/16 15:45

Lab Sample ID: 480-101675-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	308017	06/23/16 03:32	GTG	TAL BUF
Total/NA	Prep	3510C			306989	06/16/16 10:55	CPH	TAL BUF
Total/NA	Analysis	8270D		1	307218	06/17/16 23:25	PJQ	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-101675-1

Client Sample ID: BCC Area E ICM-PZ-02S_0616

Lab Sample ID: 480-101675-4

Date Collected: 06/15/16 09:15

Matrix: Water

Date Received: 06/15/16 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			306931	06/16/16 07:34	BAE	TAL BUF
Total/NA	Analysis	6010C		1	307150	06/16/16 19:45	SLB	TAL BUF
Total/NA	Prep	7470A			307552	06/21/16 06:30	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	307780	06/21/16 13:00	KJ1	TAL BUF

Client Sample ID: BCC Area E ICM-PZ-03S_0616

Lab Sample ID: 480-101675-5

Date Collected: 06/15/16 10:00

Matrix: Water

Date Received: 06/15/16 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	308017	06/23/16 03:57	GTG	TAL BUF
Total/NA	Prep	3510C			306989	06/16/16 10:55	CPH	TAL BUF
Total/NA	Analysis	8270D		1	307240	06/18/16 01:48	PJQ	TAL BUF
Total/NA	Prep	3005A			306931	06/16/16 07:34	BAE	TAL BUF
Total/NA	Analysis	6010C		1	307150	06/16/16 19:49	SLB	TAL BUF
Total/NA	Prep	7470A			307552	06/21/16 06:30	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	307780	06/21/16 13:02	KJ1	TAL BUF

Client Sample ID: BCC Area E RFI-PZ-17_0616

Lab Sample ID: 480-101675-6

Date Collected: 06/15/16 13:50

Matrix: Water

Date Received: 06/15/16 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	308240	06/23/16 22:41	GTG	TAL BUF
Total/NA	Prep	3510C			306989	06/16/16 10:55	CPH	TAL BUF
Total/NA	Analysis	8270D		20	307365	06/18/16 13:41	PJQ	TAL BUF
Total/NA	Prep	3005A			306931	06/16/16 07:34	BAE	TAL BUF
Total/NA	Analysis	6010C		1	307150	06/16/16 19:52	SLB	TAL BUF
Total/NA	Prep	7470A			307552	06/21/16 06:30	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	307780	06/21/16 13:03	KJ1	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-101675-7

Date Collected: 06/15/16 00:00

Matrix: Water

Date Received: 06/15/16 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	308017	06/23/16 04:48	GTG	TAL BUF

Laboratory References:

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

TestAmerica Buffalo

Certification Summary

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

TestAmerica Job ID: 480-101675-1

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

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Method Summary

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

TestAmerica Job ID: 480-101675-1

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 E NAPL Wells

TestAmerica Job ID: 480-101675-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-101675-1	BCC Area E MW-E08_0616	Water	06/15/16 11:25	06/15/16 15:45
480-101675-2	BCC Area E MW-E09_0616	Water	06/15/16 12:12	06/15/16 15:45
480-101675-3	BCC Area E MW-E10_0616	Water	06/15/16 13:10	06/15/16 15:45
480-101675-4	BCC Area E ICM-PZ-02S_0616	Water	06/15/16 09:15	06/15/16 15:45
480-101675-5	BCC Area E ICM-PZ-03S_0616	Water	06/15/16 10:00	06/15/16 15:45
480-101675-6	BCC Area E RFI-PZ-17_0616	Water	06/15/16 13:50	06/15/16 15:45
480-101675-7	TRIP BLANK	Water	06/15/16 00:00	06/15/16 15:45

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Record

TestAmerica Laboratories, Inc.

Client Contact		Project Manager: Schove, John		Site Contact: Tom Wagner		Date: 6-15-16		COC No: 480-78990-9512	
Ontario Specialty Contracting Inc.		Tel/Fax: (716) 912-9926		Lab Contact: Schove, John		Carrier: OSL		1 of 1 COCs	
333 Ganson Street		Analysis Turnaround Time						Job No. 0913-OMM	
Buffalo, NY, 14203		Calendar (C) or Work Days (W)						SDG No.	
716-856-3333		TAT							
716-842-1630		☒ 2 weeks							
Project Name: Buffalo Color Area E NAPL Wells		☐ 1 week							
Site: HoneyWell Buffalo Color - NYC915232 EIM SITE ID - 37745		☐ 2 days							
PO# 52954		☐ 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Sample Specific Notes:		
BCC_Area E_MW-E08_0616	6/15-16	1125	G	W		6	8260B - T1C 4.2 list (TLC VOC)		
BCC_Area E_MW-E09_0616	6/15-16	1212	G	W		6	8270C - (MOD) TLC SVOA - 4.2 list + aniline		
BCC_Area E_MW-E10_0616	6/15-16	1310	G	W		6	6010B, 7470A (TAL Metals)		
BCC_Area E_ICM-PZ-02S_0616	6/15-16	0915	G	W		6			
BCC_Area E_ICM-PZ-03S_0616	6/15-16	1000	G	W		6			
BCC_Area E_RFL-PZ-17_0616	6/15-16	1350	G	W		6			
Trip Blank		N/A	N/A	N/A		2			
Container Volume (ml)		200		250		1000			
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other		200		250		1000			
Possible Hazard Identification		200		250		1000			
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown		200		250		1000			
Special Instructions/QC Requirements & Comments:		200		250		1000			
Container Code: A=Amber G=Glass P=Poly/Plastic S=Summa T=Tedlar V=Val		200		250		1000			
Relinquished by: Tom Wagner		6/15/16		6/15/16		6/15/16			
Relinquished by: OSC		6/15/16		6/15/16		6/15/16			
Relinquished by:		6/15/16		6/15/16		6/15/16			
Relinquished by:		6/15/16		6/15/16		6/15/16			

25- #1

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-101675-1

Login Number: 101675

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	

ATTACHMENT E-2
MONITORING WELLS

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: 480-96750-1

Client Project/Site: Buffalo Color Area E Wells

Sampling Event: Buffalo Color Area E Wells

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Andrew Madden



Authorized for release by:

3/24/2016 1:46:41 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

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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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Definitions/Glossary

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

TestAmerica Job ID: 480-96750-1

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.
F1	MS and/or MSD Recovery is outside acceptance limits.

GC/MS Semi VOA

Qualifier	Qualifier Description
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.
X	Surrogate is outside control limits
F2	MS/MSD RPD exceeds control limits
E	Result exceeded calibration range.

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.
α	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)

Case Narrative

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

TestAmerica Job ID: 480-96750-1

Job ID: 480-96750-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-96750-1

Comments

No additional comments.

Receipt

The samples were received on 3/17/2016 4:39 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8° C.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-291938 recovered above the upper control limit for Carbon tetrachloride. 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 E R-10_0316 (480-96750-1), BCC Area E R-11_0316 (480-96750-2), BCC Area E RFI-17_0316 (480-96750-3), BCC Area E RFI-29_0316 (480-96750-4), BCC Area E RFI-33_0316 (480-96750-6), BCC Area E RFI-51_0316 (480-96750-7), BCC Area E RFI-PZ-16_0316 (480-96750-8), BCC Area E MW-E03_0316 (480-96750-9), BCC Area E MW-E04_0316 (480-96750-10), BCC Area E MW-E05_0316 (480-96750-11), BCC Area E MW-E06_0316 (480-96750-12), BCC Area E MW-E07_0316 (480-96750-13) and BCC Area E RFI-32 D_0316 (480-96750-14).

Method(s) 8260C: The following volatile sample was analyzed with significant headspace in the sample vial: TRIP BLANK (480-96750-17). Significant headspace is defined as a bubble greater than 6 mm in diameter.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-292061 recovered above the upper control limit for Carbon tetrachloride and trans-1,3-Dichloropropene. 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 E RFI-32_0316 (480-96750-5) and TRIP BLANK (480-96750-17).

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area E RFI-32_0316 (480-96750-5), BCC Area E RFI-32 MS_0316 (480-96750-5[MS]), BCC Area E RFI-32 MSD_0316 (480-96750-5[MSD]) and BCC Area E RFI-32 D_0316 (480-96750-14). 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 480-292021 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 E R-10_0316 (480-96750-1), BCC Area E R-11_0316 (480-96750-2), BCC Area E RFI-17_0316 (480-96750-3), BCC Area E RFI-29_0316 (480-96750-4), BCC Area E RFI-32_0316 (480-96750-5), BCC Area E RFI-32 MS_0316 (480-96750-5[MS]), BCC Area E RFI-32 MSD_0316 (480-96750-5[MSD]), BCC Area E RFI-33_0316 (480-96750-6), BCC Area E RFI-51_0316 (480-96750-7), BCC Area E RFI-PZ-16_0316 (480-96750-8), BCC Area E MW-E03_0316 (480-96750-9), BCC Area E MW-E04_0316 (480-96750-10), BCC Area E MW-E05_0316 (480-96750-11), BCC Area E MW-E06_0316 (480-96750-12), BCC Area E MW-E07_0316 (480-96750-13), BCC Area E RFI-32 D_0316 (480-96750-14), (480-96750-A-1-A MS) and (480-96750-A-1-B MSD).

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows 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 E R-11_0316 (480-96750-2), BCC Area E RFI-32_0316 (480-96750-5), BCC Area E MW-E07_0316 (480-96750-13) and BCC Area E RFI-32 D_0316 (480-96750-14). These results have been reported and qualified.

Method(s) 8270D: The following samples were diluted due to the nature of the sample matrix: BCC Area E MW-E04_0316 (480-96750-10) and BCC Area E RFI-32 D_0316 (480-96750-14). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 480-292021 was outside criteria for the following analytes: Bis(2-chloroethoxy)methane, Isophorone and N-Nitrosodi-n-propylamine. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analytes are

Case Narrative

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

TestAmerica Job ID: 480-96750-1

Job ID: 480-96750-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

considered estimated.

Method(s) 8270D: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area E MW-E04_0316 (480-96750-10). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The following samples required a dilution due to the nature of the sample matrix: BCC Area E MW-E04_0316 (480-96750-10). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

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 E Wells

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E R-10_0316

Lab Sample ID: 480-96750-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.83	J	1.0	0.16	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.56	J	1.0	0.36	ug/L	1		8260C	Total/NA
Barium	0.15		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	96.8		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	12.0		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	44.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.15		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	4.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	169		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.010		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E R-11_0316

Lab Sample ID: 480-96750-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.1	J	10	3.0	ug/L	1		8260C	Total/NA
Barium	0.082		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	49.3		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	2.4		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	37.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.0059		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	8.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	37.2		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.38		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-17_0316

Lab Sample ID: 480-96750-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,6-Dinitrotoluene	0.69	J	4.7	0.37	ug/L	1		8270D	Total/NA
Barium	0.030		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	206		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0019	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	0.037	J	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	31.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.0026	J	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	1.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	12.8		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0048	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-29_0316

Lab Sample ID: 480-96750-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	1.8		1.0	0.79	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	2.8		1.0	0.84	ug/L	1		8260C	Total/NA
Chlorobenzene	7.3		1.0	0.75	ug/L	1		8260C	Total/NA
Arsenic	0.0090	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.10		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	62.1		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.055		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0030	J	0.010	0.0030	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-29_0316 (Continued)

Lab Sample ID: 480-96750-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	11.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.069		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	3.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	110		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-32_0316

Lab Sample ID: 480-96750-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	470		20	15	ug/L	20		8260C	Total/NA
2-Chlorophenol	2.8	J	4.7	0.50	ug/L	1		8270D	Total/NA
Naphthalene	36		4.7	0.71	ug/L	1		8270D	Total/NA
Arsenic	0.0071	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	349		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	0.0023	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	2.1		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	142		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.5		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0066	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	88.7		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0032	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-33_0316

Lab Sample ID: 480-96750-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.056		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0012	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	126		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.079		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0052		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0068	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	2.1		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	47.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.21		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.75		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	0.74		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	298		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0085	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-51_0316

Lab Sample ID: 480-96750-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.62		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.012		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	333		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	19.0		0.050	0.019	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-51_0316 (Continued)

Lab Sample ID: 480-96750-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lead	0.0061	J	0.010	0.0030	mg/L	1			6010C	Total/NA
Magnesium	37.5		0.20	0.043	mg/L	1			6010C	Total/NA
Manganese	0.66		0.0030	0.00040	mg/L	1			6010C	Total/NA
Potassium	12.9		0.50	0.10	mg/L	1			6010C	Total/NA
Sodium	45.8		1.0	0.32	mg/L	1			6010C	Total/NA
Zinc	0.0045	J	0.010	0.0015	mg/L	1			6010C	Total/NA

Client Sample ID: BCC Area E RFI-PZ-16_0316

Lab Sample ID: 480-96750-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
2,4-Dinitrotoluene	0.79	J	4.7	0.42	ug/L	1			8270D	Total/NA
2,6-Dinitrotoluene	0.74	J	4.7	0.38	ug/L	1			8270D	Total/NA
Aluminum	0.065	J	0.20	0.060	mg/L	1			6010C	Total/NA
Barium	0.036		0.0020	0.00070	mg/L	1			6010C	Total/NA
Calcium	140		0.50	0.10	mg/L	1			6010C	Total/NA
Copper	0.0084	J	0.010	0.0016	mg/L	1			6010C	Total/NA
Iron	1.3		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	29.4		0.20	0.043	mg/L	1			6010C	Total/NA
Manganese	0.19		0.0030	0.00040	mg/L	1			6010C	Total/NA
Nickel	0.0028	J	0.010	0.0013	mg/L	1			6010C	Total/NA
Potassium	3.8		0.50	0.10	mg/L	1			6010C	Total/NA
Sodium	8.5		1.0	0.32	mg/L	1			6010C	Total/NA
Zinc	0.12		0.010	0.0015	mg/L	1			6010C	Total/NA

Client Sample ID: BCC Area E MW-E03_0316

Lab Sample ID: 480-96750-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
2,6-Dinitrotoluene	0.85	J	4.7	0.37	ug/L	1			8270D	Total/NA
Barium	0.053		0.0020	0.00070	mg/L	1			6010C	Total/NA
Calcium	176		0.50	0.10	mg/L	1			6010C	Total/NA
Copper	0.0031	J	0.010	0.0016	mg/L	1			6010C	Total/NA
Iron	0.86		0.050	0.019	mg/L	1			6010C	Total/NA
Lead	0.0033	J	0.010	0.0030	mg/L	1			6010C	Total/NA
Magnesium	21.9		0.20	0.043	mg/L	1			6010C	Total/NA
Manganese	0.053		0.0030	0.00040	mg/L	1			6010C	Total/NA
Nickel	0.0031	J	0.010	0.0013	mg/L	1			6010C	Total/NA
Potassium	6.2		0.50	0.10	mg/L	1			6010C	Total/NA
Sodium	27.5		1.0	0.32	mg/L	1			6010C	Total/NA
Zinc	0.015		0.010	0.0015	mg/L	1			6010C	Total/NA

Client Sample ID: BCC Area E MW-E04_0316

Lab Sample ID: 480-96750-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,2-Dichlorobenzene	1.1		1.0	0.79	ug/L	1			8260C	Total/NA
Toluene	0.74	J	1.0	0.51	ug/L	1			8260C	Total/NA
3-Nitroaniline	18	J	180	8.9	ug/L	20			8270D	Total/NA
Nitrobenzene	12	J	92	5.4	ug/L	20			8270D	Total/NA
2,4-Dinitrotoluene - DL	3700		920	82	ug/L	200			8270D	Total/NA
2,6-Dinitrotoluene - DL	5500		920	74	ug/L	200			8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E04_0316 (Continued)

Lab Sample ID: 480-96750-10

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
Antimony	0.034		0.020	0.0068	mg/L	1		6010C	Total/NA
Arsenic	0.011	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.058		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00082	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	142		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0025	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0015	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	1.0		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0047	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	32.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.37		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0076	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	6.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	11.6		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0022	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.15		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E MW-E05_0316

Lab Sample ID: 480-96750-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	1.1		1.0	0.75	ug/L	1		8260C	Total/NA
2,6-Dinitrotoluene	0.74	J	4.8	0.38	ug/L	1		8270D	Total/NA
Aluminum	0.11	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0056	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.022		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.010		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	122		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0047		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.10		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.24		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.029		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	13.5		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.17		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.015		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	4.9		0.50	0.10	mg/L	1		6010C	Total/NA
Selenium	0.038		0.025	0.0087	mg/L	1		6010C	Total/NA
Sodium	58.7		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	3.4		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E MW-E06_0316

Lab Sample ID: 480-96750-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,4-Dinitrotoluene	0.79	J	4.7	0.42	ug/L	1		8270D	Total/NA
2,6-Dinitrotoluene	0.92	J	4.7	0.38	ug/L	1		8270D	Total/NA
Arsenic	0.038		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.023		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	280		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0012	J	0.0040	0.0010	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E06_0316 (Continued)

Lab Sample ID: 480-96750-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Cobalt	0.014		0.0040	0.00063	mg/L	1			6010C	Total/NA
Copper	0.0040	J	0.010	0.0016	mg/L	1			6010C	Total/NA
Iron	101		0.050	0.019	mg/L	1			6010C	Total/NA
Lead	0.0070	J	0.010	0.0030	mg/L	1			6010C	Total/NA
Magnesium	18.2		0.20	0.043	mg/L	1			6010C	Total/NA
Manganese	1.1		0.0030	0.00040	mg/L	1			6010C	Total/NA
Nickel	0.017		0.010	0.0013	mg/L	1			6010C	Total/NA
Potassium	4.2		0.50	0.10	mg/L	1			6010C	Total/NA
Sodium	34.1		1.0	0.32	mg/L	1			6010C	Total/NA
Zinc	1.3		0.010	0.0015	mg/L	1			6010C	Total/NA

Client Sample ID: BCC Area E MW-E07_0316

Lab Sample ID: 480-96750-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acenaphthene	33		4.6	0.38	ug/L	1			8270D	Total/NA
Acenaphthylene	0.64	J	4.6	0.35	ug/L	1			8270D	Total/NA
Anthracene	2.3	J	4.6	0.26	ug/L	1			8270D	Total/NA
Biphenyl	1.1	J	4.6	0.61	ug/L	1			8270D	Total/NA
Carbazole	2.7	J	4.6	0.28	ug/L	1			8270D	Total/NA
Dibenzofuran	8.3	J	9.3	0.47	ug/L	1			8270D	Total/NA
Fluoranthene	3.0	J	4.6	0.37	ug/L	1			8270D	Total/NA
Fluorene	16		4.6	0.33	ug/L	1			8270D	Total/NA
Phenanthrene	3.4	J	4.6	0.41	ug/L	1			8270D	Total/NA
Pyrene	1.8	J	4.6	0.32	ug/L	1			8270D	Total/NA
Arsenic	0.18		0.015	0.0056	mg/L	1			6010C	Total/NA
Barium	0.012		0.0020	0.00070	mg/L	1			6010C	Total/NA
Calcium	159		0.50	0.10	mg/L	1			6010C	Total/NA
Cobalt	0.0036	J	0.0040	0.00063	mg/L	1			6010C	Total/NA
Iron	73.4		0.050	0.019	mg/L	1			6010C	Total/NA
Lead	0.0079	J	0.010	0.0030	mg/L	1			6010C	Total/NA
Magnesium	16.3		0.20	0.043	mg/L	1			6010C	Total/NA
Manganese	0.30		0.0030	0.00040	mg/L	1			6010C	Total/NA
Nickel	0.0043	J	0.010	0.0013	mg/L	1			6010C	Total/NA
Potassium	9.0		0.50	0.10	mg/L	1			6010C	Total/NA
Sodium	17.0		1.0	0.32	mg/L	1			6010C	Total/NA
Zinc	0.075		0.010	0.0015	mg/L	1			6010C	Total/NA

Client Sample ID: BCC Area E RFI-32 D_0316

Lab Sample ID: 480-96750-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	4.7	J	10	3.0	ug/L	1			8260C	Total/NA
Benzene	0.92	J	1.0	0.41	ug/L	1			8260C	Total/NA
Chlorobenzene - DL	450		10	7.5	ug/L	10			8260C	Total/NA
Arsenic	0.0058	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	347		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	0.0022	J	0.0040	0.00063	mg/L	1			6010C	Total/NA
Iron	1.9		0.050	0.019	mg/L	1			6010C	Total/NA
Lead	0.0054	J	0.010	0.0030	mg/L	1			6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-32 D_0316 (Continued)

Lab Sample ID: 480-96750-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	141		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.5		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0073	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	89.2		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0025	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-96750-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	0.94	J	1.0	0.84	ug/L	1		8260C	Total/NA
Chlorobenzene	5.5		1.0	0.75	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.55	J	1.0	0.36	ug/L	1		8260C	Total/NA

Client Sample ID: BCC Area E MW-E06F_0316

Lab Sample ID: 480-96750-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.019		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.020		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	271		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	0.013		0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	78.3		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0069	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	18.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.1		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.016		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	4.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	33.3		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	1.2		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E MW-E07F_0316

Lab Sample ID: 480-96750-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.043		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.011		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	155		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0041		0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	51.0		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0064	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	0.29		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	8.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	16.6		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.072		0.010	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E R-10_0316

Date Collected: 03/15/16 14:10

Date Received: 03/17/16 13:30

Lab Sample ID: 480-96750-1

Matrix: Ground 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			03/21/16 12:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/21/16 12:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/21/16 12:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/21/16 12:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/21/16 12:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/21/16 12:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/21/16 12:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/21/16 12:39	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/21/16 12:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/21/16 12:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/21/16 12:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/21/16 12:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/21/16 12:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/21/16 12:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/21/16 12:39	1
2-Hexanone	ND		5.0	1.2	ug/L			03/21/16 12:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/21/16 12:39	1
Acetone	ND		10	3.0	ug/L			03/21/16 12:39	1
Benzene	ND		1.0	0.41	ug/L			03/21/16 12:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/21/16 12:39	1
Bromoform	ND		1.0	0.26	ug/L			03/21/16 12:39	1
Bromomethane	ND		1.0	0.69	ug/L			03/21/16 12:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/21/16 12:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/21/16 12:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/21/16 12:39	1
Chloroethane	ND		1.0	0.32	ug/L			03/21/16 12:39	1
Chloroform	ND		1.0	0.34	ug/L			03/21/16 12:39	1
Chloromethane	ND		1.0	0.35	ug/L			03/21/16 12:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/21/16 12:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/21/16 12:39	1
Cyclohexane	ND		1.0	0.18	ug/L			03/21/16 12:39	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/21/16 12:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/21/16 12:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/21/16 12:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/21/16 12:39	1
Methyl acetate	ND		2.5	1.3	ug/L			03/21/16 12:39	1
Methyl tert-butyl ether	0.83	J	1.0	0.16	ug/L			03/21/16 12:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/21/16 12:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/21/16 12:39	1
Styrene	ND		1.0	0.73	ug/L			03/21/16 12:39	1
Tetrachloroethene	0.56	J	1.0	0.36	ug/L			03/21/16 12:39	1
Toluene	ND		1.0	0.51	ug/L			03/21/16 12:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/21/16 12:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/21/16 12:39	1
Trichloroethene	ND		1.0	0.46	ug/L			03/21/16 12:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/21/16 12:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/21/16 12:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/21/16 12:39	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E R-10_0316

Lab Sample ID: 480-96750-1

Date Collected: 03/15/16 14:10

Matrix: Ground Water

Date Received: 03/17/16 13:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		03/21/16 12:39	1
4-Bromofluorobenzene (Surr)	102		73 - 120		03/21/16 12:39	1
Toluene-d8 (Surr)	100		71 - 126		03/21/16 12:39	1
Dibromofluoromethane (Surr)	102		60 - 140		03/21/16 12:39	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		03/18/16 08:46	03/21/16 18:23	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		03/18/16 08:46	03/21/16 18:23	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 18:23	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/18/16 08:46	03/21/16 18:23	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		03/18/16 08:46	03/21/16 18:23	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 18:23	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 18:23	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		03/18/16 08:46	03/21/16 18:23	1
2-Chlorophenol	ND		4.7	0.49	ug/L		03/18/16 08:46	03/21/16 18:23	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		03/18/16 08:46	03/21/16 18:23	1
2-Methylphenol	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 18:23	1
2-Nitroaniline	ND		9.3	0.39	ug/L		03/18/16 08:46	03/21/16 18:23	1
2-Nitrophenol	ND		4.7	0.45	ug/L		03/18/16 08:46	03/21/16 18:23	1
3,3'-Dichlorobenzidine	ND	F1	4.7	0.37	ug/L		03/18/16 08:46	03/21/16 18:23	1
3-Nitroaniline	ND	F1	9.3	0.45	ug/L		03/18/16 08:46	03/21/16 18:23	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.1	ug/L		03/18/16 08:46	03/21/16 18:23	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 18:23	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 18:23	1
4-Chloroaniline	ND	F1	4.7	0.55	ug/L		03/18/16 08:46	03/21/16 18:23	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 18:23	1
4-Methylphenol	ND		9.3	0.34	ug/L		03/18/16 08:46	03/21/16 18:23	1
4-Nitroaniline	ND	F1	9.3	0.23	ug/L		03/18/16 08:46	03/21/16 18:23	1
4-Nitrophenol	ND		9.3	1.4	ug/L		03/18/16 08:46	03/21/16 18:23	1
Acenaphthene	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 18:23	1
Acenaphthylene	ND		4.7	0.35	ug/L		03/18/16 08:46	03/21/16 18:23	1
Acetophenone	ND		4.7	0.50	ug/L		03/18/16 08:46	03/21/16 18:23	1
Aniline	ND		9.3	0.57	ug/L		03/18/16 08:46	03/21/16 18:23	1
Anthracene	ND		4.7	0.26	ug/L		03/18/16 08:46	03/21/16 18:23	1
Atrazine	ND		4.7	0.43	ug/L		03/18/16 08:46	03/21/16 18:23	1
Benzaldehyde	ND		4.7	0.25	ug/L		03/18/16 08:46	03/21/16 18:23	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 18:23	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 18:23	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/18/16 08:46	03/21/16 18:23	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 18:23	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		03/18/16 08:46	03/21/16 18:23	1
Biphenyl	ND		4.7	0.61	ug/L		03/18/16 08:46	03/21/16 18:23	1
bis (2-chloroisopropyl) ether	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 18:23	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 18:23	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 18:23	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		03/18/16 08:46	03/21/16 18:23	1
Butyl benzyl phthalate	ND		4.7	0.39	ug/L		03/18/16 08:46	03/21/16 18:23	1
Caprolactam	ND		4.7	2.1	ug/L		03/18/16 08:46	03/21/16 18:23	1
Carbazole	ND		4.7	0.28	ug/L		03/18/16 08:46	03/21/16 18:23	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E R-10_0316

Lab Sample ID: 480-96750-1

Date Collected: 03/15/16 14:10

Matrix: Ground Water

Date Received: 03/17/16 13:30

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		03/18/16 08:46	03/21/16 18:23	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		03/18/16 08:46	03/21/16 18:23	1
Dibenzofuran	ND		9.3	0.48	ug/L		03/18/16 08:46	03/21/16 18:23	1
Diethyl phthalate	ND		4.7	0.21	ug/L		03/18/16 08:46	03/21/16 18:23	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 18:23	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/18/16 08:46	03/21/16 18:23	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 18:23	1
Fluoranthene	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 18:23	1
Fluorene	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 18:23	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 18:23	1
Hexachlorobutadiene	ND		4.7	0.63	ug/L		03/18/16 08:46	03/21/16 18:23	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		03/18/16 08:46	03/21/16 18:23	1
Hexachloroethane	ND		4.7	0.55	ug/L		03/18/16 08:46	03/21/16 18:23	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 18:23	1
Isophorone	ND		4.7	0.40	ug/L		03/18/16 08:46	03/21/16 18:23	1
Naphthalene	ND		4.7	0.71	ug/L		03/18/16 08:46	03/21/16 18:23	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/18/16 08:46	03/21/16 18:23	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		03/18/16 08:46	03/21/16 18:23	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 18:23	1
Pentachlorophenol	ND		9.3	2.1	ug/L		03/18/16 08:46	03/21/16 18:23	1
Phenanthrene	ND		4.7	0.41	ug/L		03/18/16 08:46	03/21/16 18:23	1
Phenol	ND		4.7	0.36	ug/L		03/18/16 08:46	03/21/16 18:23	1
Pyrene	ND		4.7	0.32	ug/L		03/18/16 08:46	03/21/16 18:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	109		52 - 132	03/18/16 08:46	03/21/16 18:23	1
2-Fluorobiphenyl	71		48 - 120	03/18/16 08:46	03/21/16 18:23	1
2-Fluorophenol	46		20 - 120	03/18/16 08:46	03/21/16 18:23	1
Nitrobenzene-d5	73		46 - 120	03/18/16 08:46	03/21/16 18:23	1
Phenol-d5	32		16 - 120	03/18/16 08:46	03/21/16 18:23	1
p-Terphenyl-d14	76		67 - 150	03/18/16 08:46	03/21/16 18:23	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/21/16 07:35	03/21/16 16:10	1
Antimony	ND		0.020	0.0068	mg/L		03/21/16 07:35	03/21/16 16:10	1
Arsenic	ND		0.015	0.0056	mg/L		03/21/16 07:35	03/21/16 16:10	1
Barium	0.15		0.0020	0.00070	mg/L		03/21/16 07:35	03/21/16 16:10	1
Beryllium	ND		0.0020	0.00030	mg/L		03/21/16 07:35	03/21/16 16:10	1
Cadmium	ND		0.0020	0.00050	mg/L		03/21/16 07:35	03/21/16 16:10	1
Calcium	96.8		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 16:10	1
Chromium	ND		0.0040	0.0010	mg/L		03/21/16 07:35	03/21/16 16:10	1
Cobalt	ND		0.0040	0.00063	mg/L		03/21/16 07:35	03/21/16 16:10	1
Copper	ND		0.010	0.0016	mg/L		03/21/16 07:35	03/21/16 16:10	1
Iron	12.0		0.050	0.019	mg/L		03/21/16 07:35	03/21/16 16:10	1
Lead	ND		0.010	0.0030	mg/L		03/21/16 07:35	03/21/16 16:10	1
Magnesium	44.8		0.20	0.043	mg/L		03/21/16 07:35	03/21/16 16:10	1
Manganese	0.15		0.0030	0.00040	mg/L		03/21/16 07:35	03/21/16 16:10	1
Nickel	ND		0.010	0.0013	mg/L		03/21/16 07:35	03/21/16 16:10	1
Potassium	4.8		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 16:10	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E R-10_0316

Lab Sample ID: 480-96750-1

Date Collected: 03/15/16 14:10

Matrix: Ground Water

Date Received: 03/17/16 13:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/21/16 07:35	03/21/16 16:10	1
Silver	ND		0.0060	0.0017	mg/L		03/21/16 07:35	03/21/16 16:10	1
Sodium	169		1.0	0.32	mg/L		03/21/16 07:35	03/21/16 16:10	1
Thallium	ND		0.020	0.010	mg/L		03/21/16 07:35	03/21/16 16:10	1
Vanadium	ND		0.0050	0.0015	mg/L		03/21/16 07:35	03/21/16 16:10	1
Zinc	0.010		0.010	0.0015	mg/L		03/21/16 07:35	03/21/16 16:10	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/22/16 09:35	03/22/16 13:54	1

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E R-11_0316

Date Collected: 03/15/16 12:50

Date Received: 03/17/16 13:30

Lab Sample ID: 480-96750-2

Matrix: Ground 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			03/21/16 13:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/21/16 13:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/21/16 13:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/21/16 13:03	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/21/16 13:03	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/21/16 13:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/21/16 13:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/21/16 13:03	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/21/16 13:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/21/16 13:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/21/16 13:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/21/16 13:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/21/16 13:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/21/16 13:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/21/16 13:03	1
2-Hexanone	ND		5.0	1.2	ug/L			03/21/16 13:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/21/16 13:03	1
Acetone	4.1	J	10	3.0	ug/L			03/21/16 13:03	1
Benzene	ND		1.0	0.41	ug/L			03/21/16 13:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/21/16 13:03	1
Bromoform	ND		1.0	0.26	ug/L			03/21/16 13:03	1
Bromomethane	ND		1.0	0.69	ug/L			03/21/16 13:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/21/16 13:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/21/16 13:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/21/16 13:03	1
Chloroethane	ND		1.0	0.32	ug/L			03/21/16 13:03	1
Chloroform	ND		1.0	0.34	ug/L			03/21/16 13:03	1
Chloromethane	ND		1.0	0.35	ug/L			03/21/16 13:03	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/21/16 13:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/21/16 13:03	1
Cyclohexane	ND		1.0	0.18	ug/L			03/21/16 13:03	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/21/16 13:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/21/16 13:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/21/16 13:03	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/21/16 13:03	1
Methyl acetate	ND		2.5	1.3	ug/L			03/21/16 13:03	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/21/16 13:03	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/21/16 13:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/21/16 13:03	1
Styrene	ND		1.0	0.73	ug/L			03/21/16 13:03	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/21/16 13:03	1
Toluene	ND		1.0	0.51	ug/L			03/21/16 13:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/21/16 13:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/21/16 13:03	1
Trichloroethene	ND		1.0	0.46	ug/L			03/21/16 13:03	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/21/16 13:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/21/16 13:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/21/16 13:03	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E R-11_0316

Lab Sample ID: 480-96750-2

Date Collected: 03/15/16 12:50

Matrix: Ground Water

Date Received: 03/17/16 13:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		66 - 137		03/21/16 13:03	1
4-Bromofluorobenzene (Surr)	104		73 - 120		03/21/16 13:03	1
Toluene-d8 (Surr)	102		71 - 126		03/21/16 13:03	1
Dibromofluoromethane (Surr)	105		60 - 140		03/21/16 13:03	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		03/18/16 08:46	03/21/16 18:53	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		03/18/16 08:46	03/21/16 18:53	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 18:53	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/18/16 08:46	03/21/16 18:53	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		03/18/16 08:46	03/21/16 18:53	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 18:53	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 18:53	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		03/18/16 08:46	03/21/16 18:53	1
2-Chlorophenol	ND		4.7	0.49	ug/L		03/18/16 08:46	03/21/16 18:53	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		03/18/16 08:46	03/21/16 18:53	1
2-Methylphenol	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 18:53	1
2-Nitroaniline	ND		9.3	0.39	ug/L		03/18/16 08:46	03/21/16 18:53	1
2-Nitrophenol	ND		4.7	0.45	ug/L		03/18/16 08:46	03/21/16 18:53	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 18:53	1
3-Nitroaniline	ND		9.3	0.45	ug/L		03/18/16 08:46	03/21/16 18:53	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		03/18/16 08:46	03/21/16 18:53	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 18:53	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 18:53	1
4-Chloroaniline	ND		4.7	0.55	ug/L		03/18/16 08:46	03/21/16 18:53	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 18:53	1
4-Methylphenol	ND		9.3	0.34	ug/L		03/18/16 08:46	03/21/16 18:53	1
4-Nitroaniline	ND		9.3	0.23	ug/L		03/18/16 08:46	03/21/16 18:53	1
4-Nitrophenol	ND		9.3	1.4	ug/L		03/18/16 08:46	03/21/16 18:53	1
Acenaphthene	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 18:53	1
Acenaphthylene	ND		4.7	0.35	ug/L		03/18/16 08:46	03/21/16 18:53	1
Acetophenone	ND		4.7	0.50	ug/L		03/18/16 08:46	03/21/16 18:53	1
Aniline	ND		9.3	0.57	ug/L		03/18/16 08:46	03/21/16 18:53	1
Anthracene	ND		4.7	0.26	ug/L		03/18/16 08:46	03/21/16 18:53	1
Atrazine	ND		4.7	0.43	ug/L		03/18/16 08:46	03/21/16 18:53	1
Benzaldehyde	ND		4.7	0.25	ug/L		03/18/16 08:46	03/21/16 18:53	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 18:53	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 18:53	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/18/16 08:46	03/21/16 18:53	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 18:53	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		03/18/16 08:46	03/21/16 18:53	1
Biphenyl	ND		4.7	0.61	ug/L		03/18/16 08:46	03/21/16 18:53	1
bis (2-chloroisopropyl) ether	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 18:53	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 18:53	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 18:53	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		03/18/16 08:46	03/21/16 18:53	1
Butyl benzyl phthalate	ND		4.7	0.39	ug/L		03/18/16 08:46	03/21/16 18:53	1
Caprolactam	ND		4.7	2.0	ug/L		03/18/16 08:46	03/21/16 18:53	1
Carbazole	ND		4.7	0.28	ug/L		03/18/16 08:46	03/21/16 18:53	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E R-11_0316

Lab Sample ID: 480-96750-2

Date Collected: 03/15/16 12:50

Matrix: Ground Water

Date Received: 03/17/16 13:30

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		03/18/16 08:46	03/21/16 18:53	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		03/18/16 08:46	03/21/16 18:53	1
Dibenzofuran	ND		9.3	0.48	ug/L		03/18/16 08:46	03/21/16 18:53	1
Diethyl phthalate	ND		4.7	0.20	ug/L		03/18/16 08:46	03/21/16 18:53	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 18:53	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/18/16 08:46	03/21/16 18:53	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 18:53	1
Fluoranthene	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 18:53	1
Fluorene	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 18:53	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 18:53	1
Hexachlorobutadiene	ND		4.7	0.63	ug/L		03/18/16 08:46	03/21/16 18:53	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		03/18/16 08:46	03/21/16 18:53	1
Hexachloroethane	ND		4.7	0.55	ug/L		03/18/16 08:46	03/21/16 18:53	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 18:53	1
Isophorone	ND		4.7	0.40	ug/L		03/18/16 08:46	03/21/16 18:53	1
Naphthalene	ND		4.7	0.71	ug/L		03/18/16 08:46	03/21/16 18:53	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/18/16 08:46	03/21/16 18:53	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		03/18/16 08:46	03/21/16 18:53	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 18:53	1
Pentachlorophenol	ND		9.3	2.0	ug/L		03/18/16 08:46	03/21/16 18:53	1
Phenanthrene	ND		4.7	0.41	ug/L		03/18/16 08:46	03/21/16 18:53	1
Phenol	ND		4.7	0.36	ug/L		03/18/16 08:46	03/21/16 18:53	1
Pyrene	ND		4.7	0.32	ug/L		03/18/16 08:46	03/21/16 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	100		52 - 132	03/18/16 08:46	03/21/16 18:53	1
2-Fluorobiphenyl	69		48 - 120	03/18/16 08:46	03/21/16 18:53	1
2-Fluorophenol	47		20 - 120	03/18/16 08:46	03/21/16 18:53	1
Nitrobenzene-d5	72		46 - 120	03/18/16 08:46	03/21/16 18:53	1
Phenol-d5	31		16 - 120	03/18/16 08:46	03/21/16 18:53	1
p-Terphenyl-d14	64	X	67 - 150	03/18/16 08:46	03/21/16 18:53	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/21/16 07:35	03/21/16 16:13	1
Antimony	ND		0.020	0.0068	mg/L		03/21/16 07:35	03/21/16 16:13	1
Arsenic	ND		0.015	0.0056	mg/L		03/21/16 07:35	03/21/16 16:13	1
Barium	0.082		0.0020	0.00070	mg/L		03/21/16 07:35	03/21/16 16:13	1
Beryllium	ND		0.0020	0.00030	mg/L		03/21/16 07:35	03/21/16 16:13	1
Cadmium	ND		0.0020	0.00050	mg/L		03/21/16 07:35	03/21/16 16:13	1
Calcium	49.3		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 16:13	1
Chromium	ND		0.0040	0.0010	mg/L		03/21/16 07:35	03/21/16 16:13	1
Cobalt	ND		0.0040	0.00063	mg/L		03/21/16 07:35	03/21/16 16:13	1
Copper	ND		0.010	0.0016	mg/L		03/21/16 07:35	03/21/16 16:13	1
Iron	2.4		0.050	0.019	mg/L		03/21/16 07:35	03/21/16 16:13	1
Lead	ND		0.010	0.0030	mg/L		03/21/16 07:35	03/21/16 16:13	1
Magnesium	37.8		0.20	0.043	mg/L		03/21/16 07:35	03/21/16 16:13	1
Manganese	0.0059		0.0030	0.00040	mg/L		03/21/16 07:35	03/21/16 16:13	1
Nickel	ND		0.010	0.0013	mg/L		03/21/16 07:35	03/21/16 16:13	1
Potassium	8.6		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 16:13	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E R-11_0316

Lab Sample ID: 480-96750-2

Date Collected: 03/15/16 12:50

Matrix: Ground Water

Date Received: 03/17/16 13:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/21/16 07:35	03/21/16 16:13	1
Silver	ND		0.0060	0.0017	mg/L		03/21/16 07:35	03/21/16 16:13	1
Sodium	37.2		1.0	0.32	mg/L		03/21/16 07:35	03/21/16 16:13	1
Thallium	ND		0.020	0.010	mg/L		03/21/16 07:35	03/21/16 16:13	1
Vanadium	ND		0.0050	0.0015	mg/L		03/21/16 07:35	03/21/16 16:13	1
Zinc	0.38		0.010	0.0015	mg/L		03/21/16 07:35	03/21/16 16:13	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/22/16 09:35	03/22/16 13:56	1

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-17_0316

Lab Sample ID: 480-96750-3

Date Collected: 03/16/16 08:30

Matrix: Ground Water

Date Received: 03/17/16 13:30

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			03/21/16 13:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/21/16 13:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/21/16 13:26	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/21/16 13:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/21/16 13:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/21/16 13:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/21/16 13:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/21/16 13:26	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/21/16 13:26	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/21/16 13:26	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/21/16 13:26	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/21/16 13:26	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/21/16 13:26	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/21/16 13:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/21/16 13:26	1
2-Hexanone	ND		5.0	1.2	ug/L			03/21/16 13:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/21/16 13:26	1
Acetone	ND		10	3.0	ug/L			03/21/16 13:26	1
Benzene	ND		1.0	0.41	ug/L			03/21/16 13:26	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/21/16 13:26	1
Bromoform	ND		1.0	0.26	ug/L			03/21/16 13:26	1
Bromomethane	ND		1.0	0.69	ug/L			03/21/16 13:26	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/21/16 13:26	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/21/16 13:26	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/21/16 13:26	1
Chloroethane	ND		1.0	0.32	ug/L			03/21/16 13:26	1
Chloroform	ND		1.0	0.34	ug/L			03/21/16 13:26	1
Chloromethane	ND		1.0	0.35	ug/L			03/21/16 13:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/21/16 13:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/21/16 13:26	1
Cyclohexane	ND		1.0	0.18	ug/L			03/21/16 13:26	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/21/16 13:26	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/21/16 13:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/21/16 13:26	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/21/16 13:26	1
Methyl acetate	ND		2.5	1.3	ug/L			03/21/16 13:26	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/21/16 13:26	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/21/16 13:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/21/16 13:26	1
Styrene	ND		1.0	0.73	ug/L			03/21/16 13:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/21/16 13:26	1
Toluene	ND		1.0	0.51	ug/L			03/21/16 13:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/21/16 13:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/21/16 13:26	1
Trichloroethene	ND		1.0	0.46	ug/L			03/21/16 13:26	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/21/16 13:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/21/16 13:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/21/16 13:26	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-17_0316

Lab Sample ID: 480-96750-3

Date Collected: 03/16/16 08:30

Matrix: Ground Water

Date Received: 03/17/16 13:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		66 - 137		03/21/16 13:26	1
4-Bromofluorobenzene (Surr)	100		73 - 120		03/21/16 13:26	1
Toluene-d8 (Surr)	99		71 - 126		03/21/16 13:26	1
Dibromofluoromethane (Surr)	105		60 - 140		03/21/16 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		03/18/16 08:46	03/21/16 19:22	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		03/18/16 08:46	03/21/16 19:22	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 19:22	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/18/16 08:46	03/21/16 19:22	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		03/18/16 08:46	03/21/16 19:22	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 19:22	1
2,6-Dinitrotoluene	0.69	J	4.7	0.37	ug/L		03/18/16 08:46	03/21/16 19:22	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		03/18/16 08:46	03/21/16 19:22	1
2-Chlorophenol	ND		4.7	0.50	ug/L		03/18/16 08:46	03/21/16 19:22	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		03/18/16 08:46	03/21/16 19:22	1
2-Methylphenol	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 19:22	1
2-Nitroaniline	ND		9.4	0.39	ug/L		03/18/16 08:46	03/21/16 19:22	1
2-Nitrophenol	ND		4.7	0.45	ug/L		03/18/16 08:46	03/21/16 19:22	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 19:22	1
3-Nitroaniline	ND		9.4	0.45	ug/L		03/18/16 08:46	03/21/16 19:22	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		03/18/16 08:46	03/21/16 19:22	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 19:22	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 19:22	1
4-Chloroaniline	ND		4.7	0.55	ug/L		03/18/16 08:46	03/21/16 19:22	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 19:22	1
4-Methylphenol	ND		9.4	0.34	ug/L		03/18/16 08:46	03/21/16 19:22	1
4-Nitroaniline	ND		9.4	0.23	ug/L		03/18/16 08:46	03/21/16 19:22	1
4-Nitrophenol	ND		9.4	1.4	ug/L		03/18/16 08:46	03/21/16 19:22	1
Acenaphthene	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 19:22	1
Acenaphthylene	ND		4.7	0.36	ug/L		03/18/16 08:46	03/21/16 19:22	1
Acetophenone	ND		4.7	0.51	ug/L		03/18/16 08:46	03/21/16 19:22	1
Aniline	ND		9.4	0.57	ug/L		03/18/16 08:46	03/21/16 19:22	1
Anthracene	ND		4.7	0.26	ug/L		03/18/16 08:46	03/21/16 19:22	1
Atrazine	ND		4.7	0.43	ug/L		03/18/16 08:46	03/21/16 19:22	1
Benzaldehyde	ND		4.7	0.25	ug/L		03/18/16 08:46	03/21/16 19:22	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 19:22	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 19:22	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/18/16 08:46	03/21/16 19:22	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 19:22	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		03/18/16 08:46	03/21/16 19:22	1
Biphenyl	ND		4.7	0.61	ug/L		03/18/16 08:46	03/21/16 19:22	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		03/18/16 08:46	03/21/16 19:22	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 19:22	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 19:22	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		03/18/16 08:46	03/21/16 19:22	1
Butyl benzyl phthalate	ND		4.7	0.39	ug/L		03/18/16 08:46	03/21/16 19:22	1
Caprolactam	ND		4.7	2.1	ug/L		03/18/16 08:46	03/21/16 19:22	1
Carbazole	ND		4.7	0.28	ug/L		03/18/16 08:46	03/21/16 19:22	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-17_0316

Lab Sample ID: 480-96750-3

Date Collected: 03/16/16 08:30

Matrix: Ground Water

Date Received: 03/17/16 13:30

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		03/18/16 08:46	03/21/16 19:22	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		03/18/16 08:46	03/21/16 19:22	1
Dibenzofuran	ND		9.4	0.48	ug/L		03/18/16 08:46	03/21/16 19:22	1
Diethyl phthalate	ND		4.7	0.21	ug/L		03/18/16 08:46	03/21/16 19:22	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 19:22	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/18/16 08:46	03/21/16 19:22	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 19:22	1
Fluoranthene	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 19:22	1
Fluorene	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 19:22	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 19:22	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		03/18/16 08:46	03/21/16 19:22	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		03/18/16 08:46	03/21/16 19:22	1
Hexachloroethane	ND		4.7	0.55	ug/L		03/18/16 08:46	03/21/16 19:22	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 19:22	1
Isophorone	ND		4.7	0.40	ug/L		03/18/16 08:46	03/21/16 19:22	1
Naphthalene	ND		4.7	0.71	ug/L		03/18/16 08:46	03/21/16 19:22	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/18/16 08:46	03/21/16 19:22	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		03/18/16 08:46	03/21/16 19:22	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 19:22	1
Pentachlorophenol	ND		9.4	2.1	ug/L		03/18/16 08:46	03/21/16 19:22	1
Phenanthrene	ND		4.7	0.41	ug/L		03/18/16 08:46	03/21/16 19:22	1
Phenol	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 19:22	1
Pyrene	ND		4.7	0.32	ug/L		03/18/16 08:46	03/21/16 19:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	100		52 - 132	03/18/16 08:46	03/21/16 19:22	1
2-Fluorobiphenyl	66		48 - 120	03/18/16 08:46	03/21/16 19:22	1
2-Fluorophenol	44		20 - 120	03/18/16 08:46	03/21/16 19:22	1
Nitrobenzene-d5	69		46 - 120	03/18/16 08:46	03/21/16 19:22	1
Phenol-d5	29		16 - 120	03/18/16 08:46	03/21/16 19:22	1
p-Terphenyl-d14	84		67 - 150	03/18/16 08:46	03/21/16 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		03/21/16 07:35	03/21/16 16:16	1
Antimony	ND		0.020	0.0068	mg/L		03/21/16 07:35	03/21/16 16:16	1
Arsenic	ND		0.015	0.0056	mg/L		03/21/16 07:35	03/21/16 16:16	1
Barium	0.030		0.0020	0.00070	mg/L		03/21/16 07:35	03/21/16 16:16	1
Beryllium	ND		0.0020	0.00030	mg/L		03/21/16 07:35	03/21/16 16:16	1
Cadmium	ND		0.0020	0.00050	mg/L		03/21/16 07:35	03/21/16 16:16	1
Calcium	206		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 16:16	1
Chromium	0.0019	J	0.0040	0.0010	mg/L		03/21/16 07:35	03/21/16 16:16	1
Cobalt	ND		0.0040	0.00063	mg/L		03/21/16 07:35	03/21/16 16:16	1
Copper	ND		0.010	0.0016	mg/L		03/21/16 07:35	03/21/16 16:16	1
Iron	0.037	J	0.050	0.019	mg/L		03/21/16 07:35	03/21/16 16:16	1
Lead	ND		0.010	0.0030	mg/L		03/21/16 07:35	03/21/16 16:16	1
Magnesium	31.9		0.20	0.043	mg/L		03/21/16 07:35	03/21/16 16:16	1
Manganese	0.0026	J	0.0030	0.00040	mg/L		03/21/16 07:35	03/21/16 16:16	1
Nickel	0.0020	J	0.010	0.0013	mg/L		03/21/16 07:35	03/21/16 16:16	1
Potassium	1.6		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 16:16	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-17_0316

Lab Sample ID: 480-96750-3

Date Collected: 03/16/16 08:30

Matrix: Ground Water

Date Received: 03/17/16 13:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/21/16 07:35	03/21/16 16:16	1
Silver	ND		0.0060	0.0017	mg/L		03/21/16 07:35	03/21/16 16:16	1
Sodium	12.8		1.0	0.32	mg/L		03/21/16 07:35	03/21/16 16:16	1
Thallium	ND		0.020	0.010	mg/L		03/21/16 07:35	03/21/16 16:16	1
Vanadium	ND		0.0050	0.0015	mg/L		03/21/16 07:35	03/21/16 16:16	1
Zinc	0.0048	J	0.010	0.0015	mg/L		03/21/16 07:35	03/21/16 16:16	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/22/16 09:35	03/22/16 13:58	1

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-29_0316

Lab Sample ID: 480-96750-4

Date Collected: 03/16/16 09:20

Matrix: Ground Water

Date Received: 03/17/16 13:30

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			03/21/16 13:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/21/16 13:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/21/16 13:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/21/16 13:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/21/16 13:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/21/16 13:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/21/16 13:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/21/16 13:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/21/16 13:50	1
1,2-Dichlorobenzene	1.8		1.0	0.79	ug/L			03/21/16 13:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/21/16 13:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/21/16 13:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/21/16 13:50	1
1,4-Dichlorobenzene	2.8		1.0	0.84	ug/L			03/21/16 13:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/21/16 13:50	1
2-Hexanone	ND		5.0	1.2	ug/L			03/21/16 13:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/21/16 13:50	1
Acetone	ND		10	3.0	ug/L			03/21/16 13:50	1
Benzene	ND		1.0	0.41	ug/L			03/21/16 13:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/21/16 13:50	1
Bromoform	ND		1.0	0.26	ug/L			03/21/16 13:50	1
Bromomethane	ND		1.0	0.69	ug/L			03/21/16 13:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/21/16 13:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/21/16 13:50	1
Chlorobenzene	7.3		1.0	0.75	ug/L			03/21/16 13:50	1
Chloroethane	ND		1.0	0.32	ug/L			03/21/16 13:50	1
Chloroform	ND		1.0	0.34	ug/L			03/21/16 13:50	1
Chloromethane	ND		1.0	0.35	ug/L			03/21/16 13:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/21/16 13:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/21/16 13:50	1
Cyclohexane	ND		1.0	0.18	ug/L			03/21/16 13:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/21/16 13:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/21/16 13:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/21/16 13:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/21/16 13:50	1
Methyl acetate	ND		2.5	1.3	ug/L			03/21/16 13:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/21/16 13:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/21/16 13:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/21/16 13:50	1
Styrene	ND		1.0	0.73	ug/L			03/21/16 13:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/21/16 13:50	1
Toluene	ND		1.0	0.51	ug/L			03/21/16 13:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/21/16 13:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/21/16 13:50	1
Trichloroethene	ND		1.0	0.46	ug/L			03/21/16 13:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/21/16 13:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/21/16 13:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/21/16 13:50	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-29_0316

Lab Sample ID: 480-96750-4

Date Collected: 03/16/16 09:20

Matrix: Ground Water

Date Received: 03/17/16 13:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		03/21/16 13:50	1
4-Bromofluorobenzene (Surr)	102		73 - 120		03/21/16 13:50	1
Toluene-d8 (Surr)	101		71 - 126		03/21/16 13:50	1
Dibromofluoromethane (Surr)	104		60 - 140		03/21/16 13:50	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		03/18/16 08:46	03/21/16 19:51	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		03/18/16 08:46	03/21/16 19:51	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 19:51	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/18/16 08:46	03/21/16 19:51	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		03/18/16 08:46	03/21/16 19:51	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 19:51	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 19:51	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		03/18/16 08:46	03/21/16 19:51	1
2-Chlorophenol	ND		4.7	0.49	ug/L		03/18/16 08:46	03/21/16 19:51	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		03/18/16 08:46	03/21/16 19:51	1
2-Methylphenol	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 19:51	1
2-Nitroaniline	ND		9.3	0.39	ug/L		03/18/16 08:46	03/21/16 19:51	1
2-Nitrophenol	ND		4.7	0.45	ug/L		03/18/16 08:46	03/21/16 19:51	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 19:51	1
3-Nitroaniline	ND		9.3	0.45	ug/L		03/18/16 08:46	03/21/16 19:51	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.1	ug/L		03/18/16 08:46	03/21/16 19:51	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 19:51	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 19:51	1
4-Chloroaniline	ND		4.7	0.55	ug/L		03/18/16 08:46	03/21/16 19:51	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 19:51	1
4-Methylphenol	ND		9.3	0.34	ug/L		03/18/16 08:46	03/21/16 19:51	1
4-Nitroaniline	ND		9.3	0.23	ug/L		03/18/16 08:46	03/21/16 19:51	1
4-Nitrophenol	ND		9.3	1.4	ug/L		03/18/16 08:46	03/21/16 19:51	1
Acenaphthene	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 19:51	1
Acenaphthylene	ND		4.7	0.35	ug/L		03/18/16 08:46	03/21/16 19:51	1
Acetophenone	ND		4.7	0.50	ug/L		03/18/16 08:46	03/21/16 19:51	1
Aniline	ND		9.3	0.57	ug/L		03/18/16 08:46	03/21/16 19:51	1
Anthracene	ND		4.7	0.26	ug/L		03/18/16 08:46	03/21/16 19:51	1
Atrazine	ND		4.7	0.43	ug/L		03/18/16 08:46	03/21/16 19:51	1
Benzaldehyde	ND		4.7	0.25	ug/L		03/18/16 08:46	03/21/16 19:51	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 19:51	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 19:51	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/18/16 08:46	03/21/16 19:51	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 19:51	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		03/18/16 08:46	03/21/16 19:51	1
Biphenyl	ND		4.7	0.61	ug/L		03/18/16 08:46	03/21/16 19:51	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		03/18/16 08:46	03/21/16 19:51	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 19:51	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 19:51	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		03/18/16 08:46	03/21/16 19:51	1
Butyl benzyl phthalate	ND		4.7	0.39	ug/L		03/18/16 08:46	03/21/16 19:51	1
Caprolactam	ND		4.7	2.1	ug/L		03/18/16 08:46	03/21/16 19:51	1
Carbazole	ND		4.7	0.28	ug/L		03/18/16 08:46	03/21/16 19:51	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-29_0316

Lab Sample ID: 480-96750-4

Date Collected: 03/16/16 09:20

Matrix: Ground Water

Date Received: 03/17/16 13:30

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		03/18/16 08:46	03/21/16 19:51	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		03/18/16 08:46	03/21/16 19:51	1
Dibenzofuran	ND		9.3	0.48	ug/L		03/18/16 08:46	03/21/16 19:51	1
Diethyl phthalate	ND		4.7	0.21	ug/L		03/18/16 08:46	03/21/16 19:51	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 19:51	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/18/16 08:46	03/21/16 19:51	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 19:51	1
Fluoranthene	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 19:51	1
Fluorene	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 19:51	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 19:51	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		03/18/16 08:46	03/21/16 19:51	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		03/18/16 08:46	03/21/16 19:51	1
Hexachloroethane	ND		4.7	0.55	ug/L		03/18/16 08:46	03/21/16 19:51	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 19:51	1
Isophorone	ND		4.7	0.40	ug/L		03/18/16 08:46	03/21/16 19:51	1
Naphthalene	ND		4.7	0.71	ug/L		03/18/16 08:46	03/21/16 19:51	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/18/16 08:46	03/21/16 19:51	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		03/18/16 08:46	03/21/16 19:51	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 19:51	1
Pentachlorophenol	ND		9.3	2.1	ug/L		03/18/16 08:46	03/21/16 19:51	1
Phenanthrene	ND		4.7	0.41	ug/L		03/18/16 08:46	03/21/16 19:51	1
Phenol	ND		4.7	0.36	ug/L		03/18/16 08:46	03/21/16 19:51	1
Pyrene	ND		4.7	0.32	ug/L		03/18/16 08:46	03/21/16 19:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	108		52 - 132	03/18/16 08:46	03/21/16 19:51	1
2-Fluorobiphenyl	69		48 - 120	03/18/16 08:46	03/21/16 19:51	1
2-Fluorophenol	45		20 - 120	03/18/16 08:46	03/21/16 19:51	1
Nitrobenzene-d5	75		46 - 120	03/18/16 08:46	03/21/16 19:51	1
Phenol-d5	30		16 - 120	03/18/16 08:46	03/21/16 19:51	1
p-Terphenyl-d14	84		67 - 150	03/18/16 08:46	03/21/16 19:51	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/21/16 07:35	03/21/16 16:19	1
Antimony	ND		0.020	0.0068	mg/L		03/21/16 07:35	03/21/16 16:19	1
Arsenic	0.0090	J	0.015	0.0056	mg/L		03/21/16 07:35	03/21/16 16:19	1
Barium	0.10		0.0020	0.00070	mg/L		03/21/16 07:35	03/21/16 16:19	1
Beryllium	ND		0.0020	0.00030	mg/L		03/21/16 07:35	03/21/16 16:19	1
Cadmium	ND		0.0020	0.00050	mg/L		03/21/16 07:35	03/21/16 16:19	1
Calcium	62.1		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 16:19	1
Chromium	ND		0.0040	0.0010	mg/L		03/21/16 07:35	03/21/16 16:19	1
Cobalt	ND		0.0040	0.00063	mg/L		03/21/16 07:35	03/21/16 16:19	1
Copper	ND		0.010	0.0016	mg/L		03/21/16 07:35	03/21/16 16:19	1
Iron	0.055		0.050	0.019	mg/L		03/21/16 07:35	03/21/16 16:19	1
Lead	0.0030	J	0.010	0.0030	mg/L		03/21/16 07:35	03/21/16 16:19	1
Magnesium	11.1		0.20	0.043	mg/L		03/21/16 07:35	03/21/16 16:19	1
Manganese	0.069		0.0030	0.00040	mg/L		03/21/16 07:35	03/21/16 16:19	1
Nickel	ND		0.010	0.0013	mg/L		03/21/16 07:35	03/21/16 16:19	1
Potassium	3.1		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 16:19	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-29_0316

Lab Sample ID: 480-96750-4

Date Collected: 03/16/16 09:20

Matrix: Ground Water

Date Received: 03/17/16 13:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/21/16 07:35	03/21/16 16:19	1
Silver	ND		0.0060	0.0017	mg/L		03/21/16 07:35	03/21/16 16:19	1
Sodium	110		1.0	0.32	mg/L		03/21/16 07:35	03/21/16 16:19	1
Thallium	ND		0.020	0.010	mg/L		03/21/16 07:35	03/21/16 16:19	1
Vanadium	ND		0.0050	0.0015	mg/L		03/21/16 07:35	03/21/16 16:19	1
Zinc	ND		0.010	0.0015	mg/L		03/21/16 07:35	03/21/16 16:19	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/22/16 09:35	03/22/16 14:00	1

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-32_0316

Lab Sample ID: 480-96750-5

Date Collected: 03/15/16 10:35

Matrix: Ground Water

Date Received: 03/17/16 13:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			03/22/16 01:35	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			03/22/16 01:35	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			03/22/16 01:35	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			03/22/16 01:35	20
1,1-Dichloroethane	ND		20	7.6	ug/L			03/22/16 01:35	20
1,1-Dichloroethene	ND		20	5.8	ug/L			03/22/16 01:35	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			03/22/16 01:35	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			03/22/16 01:35	20
1,2-Dibromoethane	ND		20	15	ug/L			03/22/16 01:35	20
1,2-Dichlorobenzene	ND		20	16	ug/L			03/22/16 01:35	20
1,2-Dichloroethane	ND		20	4.2	ug/L			03/22/16 01:35	20
1,2-Dichloropropane	ND		20	14	ug/L			03/22/16 01:35	20
1,3-Dichlorobenzene	ND		20	16	ug/L			03/22/16 01:35	20
1,4-Dichlorobenzene	ND		20	17	ug/L			03/22/16 01:35	20
2-Butanone (MEK)	ND		200	26	ug/L			03/22/16 01:35	20
2-Hexanone	ND		100	25	ug/L			03/22/16 01:35	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			03/22/16 01:35	20
Acetone	ND	F1	200	60	ug/L			03/22/16 01:35	20
Benzene	ND		20	8.2	ug/L			03/22/16 01:35	20
Bromodichloromethane	ND		20	7.8	ug/L			03/22/16 01:35	20
Bromoform	ND		20	5.2	ug/L			03/22/16 01:35	20
Bromomethane	ND		20	14	ug/L			03/22/16 01:35	20
Carbon disulfide	ND		20	3.8	ug/L			03/22/16 01:35	20
Carbon tetrachloride	ND	F1	20	5.4	ug/L			03/22/16 01:35	20
Chlorobenzene	470		20	15	ug/L			03/22/16 01:35	20
Chloroethane	ND		20	6.4	ug/L			03/22/16 01:35	20
Chloroform	ND		20	6.8	ug/L			03/22/16 01:35	20
Chloromethane	ND		20	7.0	ug/L			03/22/16 01:35	20
cis-1,2-Dichloroethene	ND		20	16	ug/L			03/22/16 01:35	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			03/22/16 01:35	20
Cyclohexane	ND		20	3.6	ug/L			03/22/16 01:35	20
Dibromochloromethane	ND		20	6.4	ug/L			03/22/16 01:35	20
Dichlorodifluoromethane	ND		20	14	ug/L			03/22/16 01:35	20
Ethylbenzene	ND		20	15	ug/L			03/22/16 01:35	20
Isopropylbenzene	ND		20	16	ug/L			03/22/16 01:35	20
Methyl acetate	ND		50	26	ug/L			03/22/16 01:35	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			03/22/16 01:35	20
Methylcyclohexane	ND		20	3.2	ug/L			03/22/16 01:35	20
Methylene Chloride	ND		20	8.8	ug/L			03/22/16 01:35	20
Styrene	ND		20	15	ug/L			03/22/16 01:35	20
Tetrachloroethene	ND		20	7.2	ug/L			03/22/16 01:35	20
Toluene	ND		20	10	ug/L			03/22/16 01:35	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			03/22/16 01:35	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			03/22/16 01:35	20
Trichloroethene	ND		20	9.2	ug/L			03/22/16 01:35	20
Trichlorofluoromethane	ND		20	18	ug/L			03/22/16 01:35	20
Vinyl chloride	ND		20	18	ug/L			03/22/16 01:35	20
Xylenes, Total	ND		40	13	ug/L			03/22/16 01:35	20

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-32_0316

Lab Sample ID: 480-96750-5

Date Collected: 03/15/16 10:35

Matrix: Ground Water

Date Received: 03/17/16 13:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		03/22/16 01:35	20
4-Bromofluorobenzene (Surr)	99		73 - 120		03/22/16 01:35	20
Toluene-d8 (Surr)	100		71 - 126		03/22/16 01:35	20
Dibromofluoromethane (Surr)	101		60 - 140		03/22/16 01:35	20

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		03/18/16 08:46	03/21/16 20:20	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		03/18/16 08:46	03/21/16 20:20	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 20:20	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/18/16 08:46	03/21/16 20:20	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		03/18/16 08:46	03/21/16 20:20	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 20:20	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 20:20	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		03/18/16 08:46	03/21/16 20:20	1
2-Chlorophenol	2.8	J	4.7	0.50	ug/L		03/18/16 08:46	03/21/16 20:20	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		03/18/16 08:46	03/21/16 20:20	1
2-Methylphenol	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 20:20	1
2-Nitroaniline	ND		9.4	0.39	ug/L		03/18/16 08:46	03/21/16 20:20	1
2-Nitrophenol	ND		4.7	0.45	ug/L		03/18/16 08:46	03/21/16 20:20	1
3,3'-Dichlorobenzidine	ND	F2 F1	4.7	0.37	ug/L		03/18/16 08:46	03/21/16 20:20	1
3-Nitroaniline	ND	F1	9.4	0.45	ug/L		03/18/16 08:46	03/21/16 20:20	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		03/18/16 08:46	03/21/16 20:20	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 20:20	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 20:20	1
4-Chloroaniline	ND	F1	4.7	0.55	ug/L		03/18/16 08:46	03/21/16 20:20	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 20:20	1
4-Methylphenol	ND		9.4	0.34	ug/L		03/18/16 08:46	03/21/16 20:20	1
4-Nitroaniline	ND		9.4	0.23	ug/L		03/18/16 08:46	03/21/16 20:20	1
4-Nitrophenol	ND	F2 F1	9.4	1.4	ug/L		03/18/16 08:46	03/21/16 20:20	1
Acenaphthene	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 20:20	1
Acenaphthylene	ND		4.7	0.36	ug/L		03/18/16 08:46	03/21/16 20:20	1
Acetophenone	ND		4.7	0.51	ug/L		03/18/16 08:46	03/21/16 20:20	1
Aniline	ND		9.4	0.57	ug/L		03/18/16 08:46	03/21/16 20:20	1
Anthracene	ND		4.7	0.26	ug/L		03/18/16 08:46	03/21/16 20:20	1
Atrazine	ND		4.7	0.43	ug/L		03/18/16 08:46	03/21/16 20:20	1
Benzaldehyde	ND		4.7	0.25	ug/L		03/18/16 08:46	03/21/16 20:20	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 20:20	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 20:20	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/18/16 08:46	03/21/16 20:20	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 20:20	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		03/18/16 08:46	03/21/16 20:20	1
Biphenyl	ND		4.7	0.61	ug/L		03/18/16 08:46	03/21/16 20:20	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		03/18/16 08:46	03/21/16 20:20	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 20:20	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 20:20	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		03/18/16 08:46	03/21/16 20:20	1
Butyl benzyl phthalate	ND		4.7	0.39	ug/L		03/18/16 08:46	03/21/16 20:20	1
Caprolactam	ND	F1	4.7	2.1	ug/L		03/18/16 08:46	03/21/16 20:20	1
Carbazole	ND		4.7	0.28	ug/L		03/18/16 08:46	03/21/16 20:20	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-32_0316

Lab Sample ID: 480-96750-5

Date Collected: 03/15/16 10:35

Matrix: Ground Water

Date Received: 03/17/16 13:30

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		03/18/16 08:46	03/21/16 20:20	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		03/18/16 08:46	03/21/16 20:20	1
Dibenzofuran	ND		9.4	0.48	ug/L		03/18/16 08:46	03/21/16 20:20	1
Diethyl phthalate	ND		4.7	0.21	ug/L		03/18/16 08:46	03/21/16 20:20	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 20:20	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/18/16 08:46	03/21/16 20:20	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 20:20	1
Fluoranthene	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 20:20	1
Fluorene	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 20:20	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 20:20	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		03/18/16 08:46	03/21/16 20:20	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		03/18/16 08:46	03/21/16 20:20	1
Hexachloroethane	ND		4.7	0.55	ug/L		03/18/16 08:46	03/21/16 20:20	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 20:20	1
Isophorone	ND		4.7	0.40	ug/L		03/18/16 08:46	03/21/16 20:20	1
Naphthalene	36		4.7	0.71	ug/L		03/18/16 08:46	03/21/16 20:20	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/18/16 08:46	03/21/16 20:20	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		03/18/16 08:46	03/21/16 20:20	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 20:20	1
Pentachlorophenol	ND		9.4	2.1	ug/L		03/18/16 08:46	03/21/16 20:20	1
Phenanthrene	ND		4.7	0.41	ug/L		03/18/16 08:46	03/21/16 20:20	1
Phenol	ND		4.7	0.36	ug/L		03/18/16 08:46	03/21/16 20:20	1
Pyrene	ND		4.7	0.32	ug/L		03/18/16 08:46	03/21/16 20:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	106		52 - 132	03/18/16 08:46	03/21/16 20:20	1
2-Fluorobiphenyl	65		48 - 120	03/18/16 08:46	03/21/16 20:20	1
2-Fluorophenol	47		20 - 120	03/18/16 08:46	03/21/16 20:20	1
Nitrobenzene-d5	61		46 - 120	03/18/16 08:46	03/21/16 20:20	1
Phenol-d5	30		16 - 120	03/18/16 08:46	03/21/16 20:20	1
p-Terphenyl-d14	61	X	67 - 150	03/18/16 08:46	03/21/16 20:20	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/21/16 07:35	03/21/16 16:22	1
Antimony	ND		0.020	0.0068	mg/L		03/21/16 07:35	03/21/16 16:22	1
Arsenic	0.0071	J	0.015	0.0056	mg/L		03/21/16 07:35	03/21/16 16:22	1
Barium	0.028		0.0020	0.00070	mg/L		03/21/16 07:35	03/21/16 16:22	1
Beryllium	ND		0.0020	0.00030	mg/L		03/21/16 07:35	03/21/16 16:22	1
Cadmium	ND		0.0020	0.00050	mg/L		03/21/16 07:35	03/21/16 16:22	1
Calcium	349		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 16:22	1
Chromium	0.0011	J	0.0040	0.0010	mg/L		03/21/16 07:35	03/21/16 16:22	1
Cobalt	0.0023	J	0.0040	0.00063	mg/L		03/21/16 07:35	03/21/16 16:22	1
Copper	ND		0.010	0.0016	mg/L		03/21/16 07:35	03/21/16 16:22	1
Iron	2.1		0.050	0.019	mg/L		03/21/16 07:35	03/21/16 16:22	1
Lead	0.0059	J	0.010	0.0030	mg/L		03/21/16 07:35	03/21/16 16:22	1
Magnesium	142		0.20	0.043	mg/L		03/21/16 07:35	03/21/16 16:22	1
Manganese	1.5		0.0030	0.00040	mg/L		03/21/16 07:35	03/21/16 16:22	1
Nickel	0.0066	J	0.010	0.0013	mg/L		03/21/16 07:35	03/21/16 16:22	1
Potassium	2.2		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 16:22	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-32_0316

Lab Sample ID: 480-96750-5

Date Collected: 03/15/16 10:35

Matrix: Ground Water

Date Received: 03/17/16 13:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/21/16 07:35	03/21/16 16:22	1
Silver	ND		0.0060	0.0017	mg/L		03/21/16 07:35	03/21/16 16:22	1
Sodium	88.7		1.0	0.32	mg/L		03/21/16 07:35	03/21/16 16:22	1
Thallium	ND		0.020	0.010	mg/L		03/21/16 07:35	03/21/16 16:22	1
Vanadium	ND		0.0050	0.0015	mg/L		03/21/16 07:35	03/21/16 16:22	1
Zinc	0.0032	J	0.010	0.0015	mg/L		03/21/16 07:35	03/21/16 16:22	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/22/16 09:35	03/22/16 14:01	1

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-33_0316

Lab Sample ID: 480-96750-6

Date Collected: 03/16/16 10:30

Matrix: Ground Water

Date Received: 03/17/16 13:30

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			03/21/16 14:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/21/16 14:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/21/16 14:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/21/16 14:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/21/16 14:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/21/16 14:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/21/16 14:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/21/16 14:37	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/21/16 14:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/21/16 14:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/21/16 14:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/21/16 14:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/21/16 14:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/21/16 14:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/21/16 14:37	1
2-Hexanone	ND		5.0	1.2	ug/L			03/21/16 14:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/21/16 14:37	1
Acetone	ND		10	3.0	ug/L			03/21/16 14:37	1
Benzene	ND		1.0	0.41	ug/L			03/21/16 14:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/21/16 14:37	1
Bromoform	ND		1.0	0.26	ug/L			03/21/16 14:37	1
Bromomethane	ND		1.0	0.69	ug/L			03/21/16 14:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/21/16 14:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/21/16 14:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/21/16 14:37	1
Chloroethane	ND		1.0	0.32	ug/L			03/21/16 14:37	1
Chloroform	ND		1.0	0.34	ug/L			03/21/16 14:37	1
Chloromethane	ND		1.0	0.35	ug/L			03/21/16 14:37	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/21/16 14:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/21/16 14:37	1
Cyclohexane	ND		1.0	0.18	ug/L			03/21/16 14:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/21/16 14:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/21/16 14:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/21/16 14:37	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/21/16 14:37	1
Methyl acetate	ND		2.5	1.3	ug/L			03/21/16 14:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/21/16 14:37	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/21/16 14:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/21/16 14:37	1
Styrene	ND		1.0	0.73	ug/L			03/21/16 14:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/21/16 14:37	1
Toluene	ND		1.0	0.51	ug/L			03/21/16 14:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/21/16 14:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/21/16 14:37	1
Trichloroethene	ND		1.0	0.46	ug/L			03/21/16 14:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/21/16 14:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/21/16 14:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/21/16 14:37	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-33_0316

Lab Sample ID: 480-96750-6

Date Collected: 03/16/16 10:30

Matrix: Ground Water

Date Received: 03/17/16 13:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		03/21/16 14:37	1
4-Bromofluorobenzene (Surr)	102		73 - 120		03/21/16 14:37	1
Toluene-d8 (Surr)	101		71 - 126		03/21/16 14:37	1
Dibromofluoromethane (Surr)	100		60 - 140		03/21/16 14:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		03/18/16 08:46	03/21/16 20:50	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		03/18/16 08:46	03/21/16 20:50	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 20:50	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/18/16 08:46	03/21/16 20:50	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		03/18/16 08:46	03/21/16 20:50	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 20:50	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 20:50	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		03/18/16 08:46	03/21/16 20:50	1
2-Chlorophenol	ND		4.7	0.50	ug/L		03/18/16 08:46	03/21/16 20:50	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		03/18/16 08:46	03/21/16 20:50	1
2-Methylphenol	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 20:50	1
2-Nitroaniline	ND		9.4	0.40	ug/L		03/18/16 08:46	03/21/16 20:50	1
2-Nitrophenol	ND		4.7	0.45	ug/L		03/18/16 08:46	03/21/16 20:50	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 20:50	1
3-Nitroaniline	ND		9.4	0.45	ug/L		03/18/16 08:46	03/21/16 20:50	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		03/18/16 08:46	03/21/16 20:50	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 20:50	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 20:50	1
4-Chloroaniline	ND		4.7	0.56	ug/L		03/18/16 08:46	03/21/16 20:50	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 20:50	1
4-Methylphenol	ND		9.4	0.34	ug/L		03/18/16 08:46	03/21/16 20:50	1
4-Nitroaniline	ND		9.4	0.24	ug/L		03/18/16 08:46	03/21/16 20:50	1
4-Nitrophenol	ND		9.4	1.4	ug/L		03/18/16 08:46	03/21/16 20:50	1
Acenaphthene	ND		4.7	0.39	ug/L		03/18/16 08:46	03/21/16 20:50	1
Acenaphthylene	ND		4.7	0.36	ug/L		03/18/16 08:46	03/21/16 20:50	1
Acetophenone	ND		4.7	0.51	ug/L		03/18/16 08:46	03/21/16 20:50	1
Aniline	ND		9.4	0.58	ug/L		03/18/16 08:46	03/21/16 20:50	1
Anthracene	ND		4.7	0.26	ug/L		03/18/16 08:46	03/21/16 20:50	1
Atrazine	ND		4.7	0.43	ug/L		03/18/16 08:46	03/21/16 20:50	1
Benzaldehyde	ND		4.7	0.25	ug/L		03/18/16 08:46	03/21/16 20:50	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 20:50	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 20:50	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/18/16 08:46	03/21/16 20:50	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 20:50	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		03/18/16 08:46	03/21/16 20:50	1
Biphenyl	ND		4.7	0.62	ug/L		03/18/16 08:46	03/21/16 20:50	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		03/18/16 08:46	03/21/16 20:50	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 20:50	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 20:50	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		03/18/16 08:46	03/21/16 20:50	1
Butyl benzyl phthalate	ND		4.7	0.40	ug/L		03/18/16 08:46	03/21/16 20:50	1
Caprolactam	ND		4.7	2.1	ug/L		03/18/16 08:46	03/21/16 20:50	1
Carbazole	ND		4.7	0.28	ug/L		03/18/16 08:46	03/21/16 20:50	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-33_0316

Lab Sample ID: 480-96750-6

Date Collected: 03/16/16 10:30

Matrix: Ground Water

Date Received: 03/17/16 13:30

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		03/18/16 08:46	03/21/16 20:50	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		03/18/16 08:46	03/21/16 20:50	1
Dibenzofuran	ND		9.4	0.48	ug/L		03/18/16 08:46	03/21/16 20:50	1
Diethyl phthalate	ND		4.7	0.21	ug/L		03/18/16 08:46	03/21/16 20:50	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 20:50	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/18/16 08:46	03/21/16 20:50	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 20:50	1
Fluoranthene	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 20:50	1
Fluorene	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 20:50	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 20:50	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		03/18/16 08:46	03/21/16 20:50	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		03/18/16 08:46	03/21/16 20:50	1
Hexachloroethane	ND		4.7	0.56	ug/L		03/18/16 08:46	03/21/16 20:50	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 20:50	1
Isophorone	ND		4.7	0.41	ug/L		03/18/16 08:46	03/21/16 20:50	1
Naphthalene	ND		4.7	0.72	ug/L		03/18/16 08:46	03/21/16 20:50	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/18/16 08:46	03/21/16 20:50	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		03/18/16 08:46	03/21/16 20:50	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 20:50	1
Pentachlorophenol	ND		9.4	2.1	ug/L		03/18/16 08:46	03/21/16 20:50	1
Phenanthrene	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 20:50	1
Phenol	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 20:50	1
Pyrene	ND		4.7	0.32	ug/L		03/18/16 08:46	03/21/16 20:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	106		52 - 132	03/18/16 08:46	03/21/16 20:50	1
2-Fluorobiphenyl	65		48 - 120	03/18/16 08:46	03/21/16 20:50	1
2-Fluorophenol	46		20 - 120	03/18/16 08:46	03/21/16 20:50	1
Nitrobenzene-d5	68		46 - 120	03/18/16 08:46	03/21/16 20:50	1
Phenol-d5	30		16 - 120	03/18/16 08:46	03/21/16 20:50	1
p-Terphenyl-d14	77		67 - 150	03/18/16 08:46	03/21/16 20:50	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/21/16 07:35	03/21/16 16:51	1
Antimony	ND		0.020	0.0068	mg/L		03/21/16 07:35	03/21/16 16:51	1
Arsenic	ND		0.015	0.0056	mg/L		03/21/16 07:35	03/21/16 16:51	1
Barium	0.056		0.0020	0.00070	mg/L		03/21/16 07:35	03/21/16 16:51	1
Beryllium	ND		0.0020	0.00030	mg/L		03/21/16 07:35	03/21/16 16:51	1
Cadmium	0.0012	J	0.0020	0.00050	mg/L		03/21/16 07:35	03/21/16 16:51	1
Calcium	126		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 16:51	1
Chromium	0.079		0.0040	0.0010	mg/L		03/21/16 07:35	03/21/16 16:51	1
Cobalt	0.0052		0.0040	0.00063	mg/L		03/21/16 07:35	03/21/16 16:51	1
Copper	0.0068	J	0.010	0.0016	mg/L		03/21/16 07:35	03/21/16 16:51	1
Iron	2.1		0.050	0.019	mg/L		03/21/16 07:35	03/21/16 16:51	1
Lead	0.0045	J	0.010	0.0030	mg/L		03/21/16 07:35	03/21/16 16:51	1
Magnesium	47.9		0.20	0.043	mg/L		03/21/16 07:35	03/21/16 16:51	1
Manganese	0.21		0.0030	0.00040	mg/L		03/21/16 07:35	03/21/16 16:51	1
Nickel	0.75		0.010	0.0013	mg/L		03/21/16 07:35	03/21/16 16:51	1
Potassium	0.74		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 16:51	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-33_0316

Lab Sample ID: 480-96750-6

Date Collected: 03/16/16 10:30

Matrix: Ground Water

Date Received: 03/17/16 13:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/21/16 07:35	03/21/16 16:51	1
Silver	ND		0.0060	0.0017	mg/L		03/21/16 07:35	03/21/16 16:51	1
Sodium	298		1.0	0.32	mg/L		03/21/16 07:35	03/21/16 16:51	1
Thallium	ND		0.020	0.010	mg/L		03/21/16 07:35	03/21/16 16:51	1
Vanadium	ND		0.0050	0.0015	mg/L		03/21/16 07:35	03/21/16 16:51	1
Zinc	0.0085	J	0.010	0.0015	mg/L		03/21/16 07:35	03/21/16 16:51	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/22/16 09:35	03/22/16 14:12	1

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-51_0316

Lab Sample ID: 480-96750-7

Date Collected: 03/17/16 08:40

Matrix: Ground Water

Date Received: 03/17/16 13:30

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			03/21/16 15:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/21/16 15:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/21/16 15:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/21/16 15:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/21/16 15:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/21/16 15:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/21/16 15:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/21/16 15:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/21/16 15:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/21/16 15:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/21/16 15:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/21/16 15:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/21/16 15:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/21/16 15:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/21/16 15:01	1
2-Hexanone	ND		5.0	1.2	ug/L			03/21/16 15:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/21/16 15:01	1
Acetone	ND		10	3.0	ug/L			03/21/16 15:01	1
Benzene	ND		1.0	0.41	ug/L			03/21/16 15:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/21/16 15:01	1
Bromoform	ND		1.0	0.26	ug/L			03/21/16 15:01	1
Bromomethane	ND		1.0	0.69	ug/L			03/21/16 15:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/21/16 15:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/21/16 15:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/21/16 15:01	1
Chloroethane	ND		1.0	0.32	ug/L			03/21/16 15:01	1
Chloroform	ND		1.0	0.34	ug/L			03/21/16 15:01	1
Chloromethane	ND		1.0	0.35	ug/L			03/21/16 15:01	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/21/16 15:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/21/16 15:01	1
Cyclohexane	ND		1.0	0.18	ug/L			03/21/16 15:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/21/16 15:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/21/16 15:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/21/16 15:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/21/16 15:01	1
Methyl acetate	ND		2.5	1.3	ug/L			03/21/16 15:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/21/16 15:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/21/16 15:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/21/16 15:01	1
Styrene	ND		1.0	0.73	ug/L			03/21/16 15:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/21/16 15:01	1
Toluene	ND		1.0	0.51	ug/L			03/21/16 15:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/21/16 15:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/21/16 15:01	1
Trichloroethene	ND		1.0	0.46	ug/L			03/21/16 15:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/21/16 15:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/21/16 15:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/21/16 15:01	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-51_0316

Lab Sample ID: 480-96750-7

Date Collected: 03/17/16 08:40

Matrix: Ground Water

Date Received: 03/17/16 13:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		03/21/16 15:01	1
4-Bromofluorobenzene (Surr)	100		73 - 120		03/21/16 15:01	1
Toluene-d8 (Surr)	100		71 - 126		03/21/16 15:01	1
Dibromofluoromethane (Surr)	103		60 - 140		03/21/16 15:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		03/18/16 08:46	03/21/16 21:19	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		03/18/16 08:46	03/21/16 21:19	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 21:19	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/18/16 08:46	03/21/16 21:19	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		03/18/16 08:46	03/21/16 21:19	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 21:19	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 21:19	1
2-Chloronaphthalene	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 21:19	1
2-Chlorophenol	ND		4.7	0.50	ug/L		03/18/16 08:46	03/21/16 21:19	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		03/18/16 08:46	03/21/16 21:19	1
2-Methylphenol	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 21:19	1
2-Nitroaniline	ND		9.5	0.40	ug/L		03/18/16 08:46	03/21/16 21:19	1
2-Nitrophenol	ND		4.7	0.45	ug/L		03/18/16 08:46	03/21/16 21:19	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 21:19	1
3-Nitroaniline	ND		9.5	0.45	ug/L		03/18/16 08:46	03/21/16 21:19	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		03/18/16 08:46	03/21/16 21:19	1
4-Bromophenyl phenyl ether	ND		4.7	0.43	ug/L		03/18/16 08:46	03/21/16 21:19	1
4-Chloro-3-methylphenol	ND		4.7	0.43	ug/L		03/18/16 08:46	03/21/16 21:19	1
4-Chloroaniline	ND		4.7	0.56	ug/L		03/18/16 08:46	03/21/16 21:19	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 21:19	1
4-Methylphenol	ND		9.5	0.34	ug/L		03/18/16 08:46	03/21/16 21:19	1
4-Nitroaniline	ND		9.5	0.24	ug/L		03/18/16 08:46	03/21/16 21:19	1
4-Nitrophenol	ND		9.5	1.4	ug/L		03/18/16 08:46	03/21/16 21:19	1
Acenaphthene	ND		4.7	0.39	ug/L		03/18/16 08:46	03/21/16 21:19	1
Acenaphthylene	ND		4.7	0.36	ug/L		03/18/16 08:46	03/21/16 21:19	1
Acetophenone	ND		4.7	0.51	ug/L		03/18/16 08:46	03/21/16 21:19	1
Aniline	ND		9.5	0.58	ug/L		03/18/16 08:46	03/21/16 21:19	1
Anthracene	ND		4.7	0.26	ug/L		03/18/16 08:46	03/21/16 21:19	1
Atrazine	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 21:19	1
Benzaldehyde	ND		4.7	0.25	ug/L		03/18/16 08:46	03/21/16 21:19	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 21:19	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 21:19	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/18/16 08:46	03/21/16 21:19	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 21:19	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		03/18/16 08:46	03/21/16 21:19	1
Biphenyl	ND		4.7	0.62	ug/L		03/18/16 08:46	03/21/16 21:19	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		03/18/16 08:46	03/21/16 21:19	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 21:19	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 21:19	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		03/18/16 08:46	03/21/16 21:19	1
Butyl benzyl phthalate	ND		4.7	0.40	ug/L		03/18/16 08:46	03/21/16 21:19	1
Caprolactam	ND		4.7	2.1	ug/L		03/18/16 08:46	03/21/16 21:19	1
Carbazole	ND		4.7	0.28	ug/L		03/18/16 08:46	03/21/16 21:19	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-51_0316

Lab Sample ID: 480-96750-7

Date Collected: 03/17/16 08:40

Matrix: Ground Water

Date Received: 03/17/16 13:30

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		03/18/16 08:46	03/21/16 21:19	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		03/18/16 08:46	03/21/16 21:19	1
Dibenzofuran	ND		9.5	0.48	ug/L		03/18/16 08:46	03/21/16 21:19	1
Diethyl phthalate	ND		4.7	0.21	ug/L		03/18/16 08:46	03/21/16 21:19	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 21:19	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/18/16 08:46	03/21/16 21:19	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 21:19	1
Fluoranthene	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 21:19	1
Fluorene	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 21:19	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 21:19	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		03/18/16 08:46	03/21/16 21:19	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		03/18/16 08:46	03/21/16 21:19	1
Hexachloroethane	ND		4.7	0.56	ug/L		03/18/16 08:46	03/21/16 21:19	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 21:19	1
Isophorone	ND		4.7	0.41	ug/L		03/18/16 08:46	03/21/16 21:19	1
Naphthalene	ND		4.7	0.72	ug/L		03/18/16 08:46	03/21/16 21:19	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/18/16 08:46	03/21/16 21:19	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		03/18/16 08:46	03/21/16 21:19	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 21:19	1
Pentachlorophenol	ND		9.5	2.1	ug/L		03/18/16 08:46	03/21/16 21:19	1
Phenanthrene	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 21:19	1
Phenol	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 21:19	1
Pyrene	ND		4.7	0.32	ug/L		03/18/16 08:46	03/21/16 21:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	102		52 - 132	03/18/16 08:46	03/21/16 21:19	1
2-Fluorobiphenyl	60		48 - 120	03/18/16 08:46	03/21/16 21:19	1
2-Fluorophenol	42		20 - 120	03/18/16 08:46	03/21/16 21:19	1
Nitrobenzene-d5	64		46 - 120	03/18/16 08:46	03/21/16 21:19	1
Phenol-d5	27		16 - 120	03/18/16 08:46	03/21/16 21:19	1
p-Terphenyl-d14	69		67 - 150	03/18/16 08:46	03/21/16 21:19	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/21/16 07:35	03/21/16 16:47	1
Antimony	ND		0.020	0.0068	mg/L		03/21/16 07:35	03/21/16 16:47	1
Arsenic	0.62		0.015	0.0056	mg/L		03/21/16 07:35	03/21/16 16:47	1
Barium	0.012		0.0020	0.00070	mg/L		03/21/16 07:35	03/21/16 16:47	1
Beryllium	ND		0.0020	0.00030	mg/L		03/21/16 07:35	03/21/16 16:47	1
Cadmium	ND		0.0020	0.00050	mg/L		03/21/16 07:35	03/21/16 16:47	1
Calcium	333		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 16:47	1
Chromium	ND		0.0040	0.0010	mg/L		03/21/16 07:35	03/21/16 16:47	1
Cobalt	ND		0.0040	0.00063	mg/L		03/21/16 07:35	03/21/16 16:47	1
Copper	ND		0.010	0.0016	mg/L		03/21/16 07:35	03/21/16 16:47	1
Iron	19.0		0.050	0.019	mg/L		03/21/16 07:35	03/21/16 16:47	1
Lead	0.0061	J	0.010	0.0030	mg/L		03/21/16 07:35	03/21/16 16:47	1
Magnesium	37.5		0.20	0.043	mg/L		03/21/16 07:35	03/21/16 16:47	1
Manganese	0.66		0.0030	0.00040	mg/L		03/21/16 07:35	03/21/16 16:47	1
Nickel	ND		0.010	0.0013	mg/L		03/21/16 07:35	03/21/16 16:47	1
Potassium	12.9		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 16:47	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-51_0316

Lab Sample ID: 480-96750-7

Date Collected: 03/17/16 08:40

Matrix: Ground Water

Date Received: 03/17/16 13:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/21/16 07:35	03/21/16 16:47	1
Silver	ND		0.0060	0.0017	mg/L		03/21/16 07:35	03/21/16 16:47	1
Sodium	45.8		1.0	0.32	mg/L		03/21/16 07:35	03/21/16 16:47	1
Thallium	ND		0.020	0.010	mg/L		03/21/16 07:35	03/21/16 16:47	1
Vanadium	ND		0.0050	0.0015	mg/L		03/21/16 07:35	03/21/16 16:47	1
Zinc	0.0045	J	0.010	0.0015	mg/L		03/21/16 07:35	03/21/16 16:47	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/22/16 09:35	03/22/16 14:14	1

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-PZ-16_0316

Lab Sample ID: 480-96750-8

Date Collected: 03/17/16 09:40

Matrix: Ground Water

Date Received: 03/17/16 13:30

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			03/21/16 15:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/21/16 15:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/21/16 15:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/21/16 15:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/21/16 15:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/21/16 15:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/21/16 15:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/21/16 15:25	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/21/16 15:25	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/21/16 15:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/21/16 15:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/21/16 15:25	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/21/16 15:25	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/21/16 15:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/21/16 15:25	1
2-Hexanone	ND		5.0	1.2	ug/L			03/21/16 15:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/21/16 15:25	1
Acetone	ND		10	3.0	ug/L			03/21/16 15:25	1
Benzene	ND		1.0	0.41	ug/L			03/21/16 15:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/21/16 15:25	1
Bromoform	ND		1.0	0.26	ug/L			03/21/16 15:25	1
Bromomethane	ND		1.0	0.69	ug/L			03/21/16 15:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/21/16 15:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/21/16 15:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/21/16 15:25	1
Chloroethane	ND		1.0	0.32	ug/L			03/21/16 15:25	1
Chloroform	ND		1.0	0.34	ug/L			03/21/16 15:25	1
Chloromethane	ND		1.0	0.35	ug/L			03/21/16 15:25	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/21/16 15:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/21/16 15:25	1
Cyclohexane	ND		1.0	0.18	ug/L			03/21/16 15:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/21/16 15:25	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/21/16 15:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/21/16 15:25	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/21/16 15:25	1
Methyl acetate	ND		2.5	1.3	ug/L			03/21/16 15:25	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/21/16 15:25	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/21/16 15:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/21/16 15:25	1
Styrene	ND		1.0	0.73	ug/L			03/21/16 15:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/21/16 15:25	1
Toluene	ND		1.0	0.51	ug/L			03/21/16 15:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/21/16 15:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/21/16 15:25	1
Trichloroethene	ND		1.0	0.46	ug/L			03/21/16 15:25	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/21/16 15:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/21/16 15:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/21/16 15:25	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-PZ-16_0316

Lab Sample ID: 480-96750-8

Date Collected: 03/17/16 09:40

Matrix: Ground Water

Date Received: 03/17/16 13:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		66 - 137		03/21/16 15:25	1
4-Bromofluorobenzene (Surr)	98		73 - 120		03/21/16 15:25	1
Toluene-d8 (Surr)	99		71 - 126		03/21/16 15:25	1
Dibromofluoromethane (Surr)	104		60 - 140		03/21/16 15:25	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		03/18/16 08:46	03/21/16 21:48	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		03/18/16 08:46	03/21/16 21:48	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 21:48	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/18/16 08:46	03/21/16 21:48	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		03/18/16 08:46	03/21/16 21:48	1
2,4-Dinitrotoluene	0.79	J	4.7	0.42	ug/L		03/18/16 08:46	03/21/16 21:48	1
2,6-Dinitrotoluene	0.74	J	4.7	0.38	ug/L		03/18/16 08:46	03/21/16 21:48	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		03/18/16 08:46	03/21/16 21:48	1
2-Chlorophenol	ND		4.7	0.50	ug/L		03/18/16 08:46	03/21/16 21:48	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		03/18/16 08:46	03/21/16 21:48	1
2-Methylphenol	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 21:48	1
2-Nitroaniline	ND		9.4	0.40	ug/L		03/18/16 08:46	03/21/16 21:48	1
2-Nitrophenol	ND		4.7	0.45	ug/L		03/18/16 08:46	03/21/16 21:48	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 21:48	1
3-Nitroaniline	ND		9.4	0.45	ug/L		03/18/16 08:46	03/21/16 21:48	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		03/18/16 08:46	03/21/16 21:48	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 21:48	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 21:48	1
4-Chloroaniline	ND		4.7	0.56	ug/L		03/18/16 08:46	03/21/16 21:48	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 21:48	1
4-Methylphenol	ND		9.4	0.34	ug/L		03/18/16 08:46	03/21/16 21:48	1
4-Nitroaniline	ND		9.4	0.24	ug/L		03/18/16 08:46	03/21/16 21:48	1
4-Nitrophenol	ND		9.4	1.4	ug/L		03/18/16 08:46	03/21/16 21:48	1
Acenaphthene	ND		4.7	0.39	ug/L		03/18/16 08:46	03/21/16 21:48	1
Acenaphthylene	ND		4.7	0.36	ug/L		03/18/16 08:46	03/21/16 21:48	1
Acetophenone	ND		4.7	0.51	ug/L		03/18/16 08:46	03/21/16 21:48	1
Aniline	ND		9.4	0.58	ug/L		03/18/16 08:46	03/21/16 21:48	1
Anthracene	ND		4.7	0.26	ug/L		03/18/16 08:46	03/21/16 21:48	1
Atrazine	ND		4.7	0.43	ug/L		03/18/16 08:46	03/21/16 21:48	1
Benzaldehyde	ND		4.7	0.25	ug/L		03/18/16 08:46	03/21/16 21:48	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 21:48	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 21:48	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/18/16 08:46	03/21/16 21:48	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 21:48	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		03/18/16 08:46	03/21/16 21:48	1
Biphenyl	ND		4.7	0.62	ug/L		03/18/16 08:46	03/21/16 21:48	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		03/18/16 08:46	03/21/16 21:48	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 21:48	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 21:48	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		03/18/16 08:46	03/21/16 21:48	1
Butyl benzyl phthalate	ND		4.7	0.40	ug/L		03/18/16 08:46	03/21/16 21:48	1
Caprolactam	ND		4.7	2.1	ug/L		03/18/16 08:46	03/21/16 21:48	1
Carbazole	ND		4.7	0.28	ug/L		03/18/16 08:46	03/21/16 21:48	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-PZ-16_0316

Lab Sample ID: 480-96750-8

Date Collected: 03/17/16 09:40

Matrix: Ground Water

Date Received: 03/17/16 13:30

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		03/18/16 08:46	03/21/16 21:48	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		03/18/16 08:46	03/21/16 21:48	1
Dibenzofuran	ND		9.4	0.48	ug/L		03/18/16 08:46	03/21/16 21:48	1
Diethyl phthalate	ND		4.7	0.21	ug/L		03/18/16 08:46	03/21/16 21:48	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 21:48	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/18/16 08:46	03/21/16 21:48	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 21:48	1
Fluoranthene	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 21:48	1
Fluorene	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 21:48	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 21:48	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		03/18/16 08:46	03/21/16 21:48	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		03/18/16 08:46	03/21/16 21:48	1
Hexachloroethane	ND		4.7	0.56	ug/L		03/18/16 08:46	03/21/16 21:48	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 21:48	1
Isophorone	ND		4.7	0.41	ug/L		03/18/16 08:46	03/21/16 21:48	1
Naphthalene	ND		4.7	0.72	ug/L		03/18/16 08:46	03/21/16 21:48	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/18/16 08:46	03/21/16 21:48	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		03/18/16 08:46	03/21/16 21:48	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 21:48	1
Pentachlorophenol	ND		9.4	2.1	ug/L		03/18/16 08:46	03/21/16 21:48	1
Phenanthrene	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 21:48	1
Phenol	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 21:48	1
Pyrene	ND		4.7	0.32	ug/L		03/18/16 08:46	03/21/16 21:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	107		52 - 132	03/18/16 08:46	03/21/16 21:48	1
2-Fluorobiphenyl	75		48 - 120	03/18/16 08:46	03/21/16 21:48	1
2-Fluorophenol	51		20 - 120	03/18/16 08:46	03/21/16 21:48	1
Nitrobenzene-d5	77		46 - 120	03/18/16 08:46	03/21/16 21:48	1
Phenol-d5	33		16 - 120	03/18/16 08:46	03/21/16 21:48	1
p-Terphenyl-d14	74		67 - 150	03/18/16 08:46	03/21/16 21:48	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.065	J	0.20	0.060	mg/L		03/21/16 07:35	03/21/16 16:54	1
Antimony	ND		0.020	0.0068	mg/L		03/21/16 07:35	03/21/16 16:54	1
Arsenic	ND		0.015	0.0056	mg/L		03/21/16 07:35	03/21/16 16:54	1
Barium	0.036		0.0020	0.00070	mg/L		03/21/16 07:35	03/21/16 16:54	1
Beryllium	ND		0.0020	0.00030	mg/L		03/21/16 07:35	03/21/16 16:54	1
Cadmium	ND		0.0020	0.00050	mg/L		03/21/16 07:35	03/21/16 16:54	1
Calcium	140		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 16:54	1
Chromium	ND		0.0040	0.0010	mg/L		03/21/16 07:35	03/21/16 16:54	1
Cobalt	ND		0.0040	0.00063	mg/L		03/21/16 07:35	03/21/16 16:54	1
Copper	0.0084	J	0.010	0.0016	mg/L		03/21/16 07:35	03/21/16 16:54	1
Iron	1.3		0.050	0.019	mg/L		03/21/16 07:35	03/21/16 16:54	1
Lead	0.0042	J	0.010	0.0030	mg/L		03/21/16 07:35	03/21/16 16:54	1
Magnesium	29.4		0.20	0.043	mg/L		03/21/16 07:35	03/21/16 16:54	1
Manganese	0.19		0.0030	0.00040	mg/L		03/21/16 07:35	03/21/16 16:54	1
Nickel	0.0028	J	0.010	0.0013	mg/L		03/21/16 07:35	03/21/16 16:54	1
Potassium	3.8		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 16:54	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-PZ-16_0316

Lab Sample ID: 480-96750-8

Date Collected: 03/17/16 09:40

Matrix: Ground Water

Date Received: 03/17/16 13:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/21/16 07:35	03/21/16 16:54	1
Silver	ND		0.0060	0.0017	mg/L		03/21/16 07:35	03/21/16 16:54	1
Sodium	8.5		1.0	0.32	mg/L		03/21/16 07:35	03/21/16 16:54	1
Thallium	ND		0.020	0.010	mg/L		03/21/16 07:35	03/21/16 16:54	1
Vanadium	ND		0.0050	0.0015	mg/L		03/21/16 07:35	03/21/16 16:54	1
Zinc	0.12		0.010	0.0015	mg/L		03/21/16 07:35	03/21/16 16:54	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/22/16 09:35	03/22/16 14:15	1

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E03_0316

Lab Sample ID: 480-96750-9

Date Collected: 03/15/16 12:15

Matrix: Ground Water

Date Received: 03/17/16 13:30

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			03/21/16 15:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/21/16 15:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/21/16 15:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/21/16 15:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/21/16 15:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/21/16 15:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/21/16 15:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/21/16 15:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/21/16 15:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/21/16 15:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/21/16 15:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/21/16 15:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/21/16 15:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/21/16 15:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/21/16 15:49	1
2-Hexanone	ND		5.0	1.2	ug/L			03/21/16 15:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/21/16 15:49	1
Acetone	ND		10	3.0	ug/L			03/21/16 15:49	1
Benzene	ND		1.0	0.41	ug/L			03/21/16 15:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/21/16 15:49	1
Bromoform	ND		1.0	0.26	ug/L			03/21/16 15:49	1
Bromomethane	ND		1.0	0.69	ug/L			03/21/16 15:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/21/16 15:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/21/16 15:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/21/16 15:49	1
Chloroethane	ND		1.0	0.32	ug/L			03/21/16 15:49	1
Chloroform	ND		1.0	0.34	ug/L			03/21/16 15:49	1
Chloromethane	ND		1.0	0.35	ug/L			03/21/16 15:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/21/16 15:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/21/16 15:49	1
Cyclohexane	ND		1.0	0.18	ug/L			03/21/16 15:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/21/16 15:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/21/16 15:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/21/16 15:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/21/16 15:49	1
Methyl acetate	ND		2.5	1.3	ug/L			03/21/16 15:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/21/16 15:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/21/16 15:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/21/16 15:49	1
Styrene	ND		1.0	0.73	ug/L			03/21/16 15:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/21/16 15:49	1
Toluene	ND		1.0	0.51	ug/L			03/21/16 15:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/21/16 15:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/21/16 15:49	1
Trichloroethene	ND		1.0	0.46	ug/L			03/21/16 15:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/21/16 15:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/21/16 15:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/21/16 15:49	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E03_0316

Lab Sample ID: 480-96750-9

Date Collected: 03/15/16 12:15

Matrix: Ground Water

Date Received: 03/17/16 13:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		66 - 137		03/21/16 15:49	1
4-Bromofluorobenzene (Surr)	101		73 - 120		03/21/16 15:49	1
Toluene-d8 (Surr)	101		71 - 126		03/21/16 15:49	1
Dibromofluoromethane (Surr)	102		60 - 140		03/21/16 15:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		03/18/16 08:46	03/21/16 22:17	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		03/18/16 08:46	03/21/16 22:17	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 22:17	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/18/16 08:46	03/21/16 22:17	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		03/18/16 08:46	03/21/16 22:17	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 22:17	1
2,6-Dinitrotoluene	0.85	J	4.7	0.37	ug/L		03/18/16 08:46	03/21/16 22:17	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		03/18/16 08:46	03/21/16 22:17	1
2-Chlorophenol	ND		4.7	0.49	ug/L		03/18/16 08:46	03/21/16 22:17	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		03/18/16 08:46	03/21/16 22:17	1
2-Methylphenol	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 22:17	1
2-Nitroaniline	ND		9.3	0.39	ug/L		03/18/16 08:46	03/21/16 22:17	1
2-Nitrophenol	ND		4.7	0.45	ug/L		03/18/16 08:46	03/21/16 22:17	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 22:17	1
3-Nitroaniline	ND		9.3	0.45	ug/L		03/18/16 08:46	03/21/16 22:17	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.1	ug/L		03/18/16 08:46	03/21/16 22:17	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 22:17	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 22:17	1
4-Chloroaniline	ND		4.7	0.55	ug/L		03/18/16 08:46	03/21/16 22:17	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 22:17	1
4-Methylphenol	ND		9.3	0.34	ug/L		03/18/16 08:46	03/21/16 22:17	1
4-Nitroaniline	ND		9.3	0.23	ug/L		03/18/16 08:46	03/21/16 22:17	1
4-Nitrophenol	ND		9.3	1.4	ug/L		03/18/16 08:46	03/21/16 22:17	1
Acenaphthene	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 22:17	1
Acenaphthylene	ND		4.7	0.35	ug/L		03/18/16 08:46	03/21/16 22:17	1
Acetophenone	ND		4.7	0.50	ug/L		03/18/16 08:46	03/21/16 22:17	1
Aniline	ND		9.3	0.57	ug/L		03/18/16 08:46	03/21/16 22:17	1
Anthracene	ND		4.7	0.26	ug/L		03/18/16 08:46	03/21/16 22:17	1
Atrazine	ND		4.7	0.43	ug/L		03/18/16 08:46	03/21/16 22:17	1
Benzaldehyde	ND		4.7	0.25	ug/L		03/18/16 08:46	03/21/16 22:17	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 22:17	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 22:17	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/18/16 08:46	03/21/16 22:17	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 22:17	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		03/18/16 08:46	03/21/16 22:17	1
Biphenyl	ND		4.7	0.61	ug/L		03/18/16 08:46	03/21/16 22:17	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		03/18/16 08:46	03/21/16 22:17	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 22:17	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 22:17	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		03/18/16 08:46	03/21/16 22:17	1
Butyl benzyl phthalate	ND		4.7	0.39	ug/L		03/18/16 08:46	03/21/16 22:17	1
Caprolactam	ND		4.7	2.1	ug/L		03/18/16 08:46	03/21/16 22:17	1
Carbazole	ND		4.7	0.28	ug/L		03/18/16 08:46	03/21/16 22:17	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E03_0316

Lab Sample ID: 480-96750-9

Date Collected: 03/15/16 12:15

Matrix: Ground Water

Date Received: 03/17/16 13:30

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		03/18/16 08:46	03/21/16 22:17	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		03/18/16 08:46	03/21/16 22:17	1
Dibenzofuran	ND		9.3	0.48	ug/L		03/18/16 08:46	03/21/16 22:17	1
Diethyl phthalate	ND		4.7	0.21	ug/L		03/18/16 08:46	03/21/16 22:17	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 22:17	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/18/16 08:46	03/21/16 22:17	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 22:17	1
Fluoranthene	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 22:17	1
Fluorene	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 22:17	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 22:17	1
Hexachlorobutadiene	ND		4.7	0.63	ug/L		03/18/16 08:46	03/21/16 22:17	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		03/18/16 08:46	03/21/16 22:17	1
Hexachloroethane	ND		4.7	0.55	ug/L		03/18/16 08:46	03/21/16 22:17	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 22:17	1
Isophorone	ND		4.7	0.40	ug/L		03/18/16 08:46	03/21/16 22:17	1
Naphthalene	ND		4.7	0.71	ug/L		03/18/16 08:46	03/21/16 22:17	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/18/16 08:46	03/21/16 22:17	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		03/18/16 08:46	03/21/16 22:17	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 22:17	1
Pentachlorophenol	ND		9.3	2.1	ug/L		03/18/16 08:46	03/21/16 22:17	1
Phenanthrene	ND		4.7	0.41	ug/L		03/18/16 08:46	03/21/16 22:17	1
Phenol	ND		4.7	0.36	ug/L		03/18/16 08:46	03/21/16 22:17	1
Pyrene	ND		4.7	0.32	ug/L		03/18/16 08:46	03/21/16 22:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	103		52 - 132	03/18/16 08:46	03/21/16 22:17	1
2-Fluorobiphenyl	71		48 - 120	03/18/16 08:46	03/21/16 22:17	1
2-Fluorophenol	50		20 - 120	03/18/16 08:46	03/21/16 22:17	1
Nitrobenzene-d5	74		46 - 120	03/18/16 08:46	03/21/16 22:17	1
Phenol-d5	33		16 - 120	03/18/16 08:46	03/21/16 22:17	1
p-Terphenyl-d14	73		67 - 150	03/18/16 08:46	03/21/16 22:17	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/21/16 07:35	03/21/16 16:57	1
Antimony	ND		0.020	0.0068	mg/L		03/21/16 07:35	03/21/16 16:57	1
Arsenic	ND		0.015	0.0056	mg/L		03/21/16 07:35	03/21/16 16:57	1
Barium	0.053		0.0020	0.00070	mg/L		03/21/16 07:35	03/21/16 16:57	1
Beryllium	ND		0.0020	0.00030	mg/L		03/21/16 07:35	03/21/16 16:57	1
Cadmium	ND		0.0020	0.00050	mg/L		03/21/16 07:35	03/21/16 16:57	1
Calcium	176		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 16:57	1
Chromium	ND		0.0040	0.0010	mg/L		03/21/16 07:35	03/21/16 16:57	1
Cobalt	ND		0.0040	0.00063	mg/L		03/21/16 07:35	03/21/16 16:57	1
Copper	0.0031	J	0.010	0.0016	mg/L		03/21/16 07:35	03/21/16 16:57	1
Iron	0.86		0.050	0.019	mg/L		03/21/16 07:35	03/21/16 16:57	1
Lead	0.0033	J	0.010	0.0030	mg/L		03/21/16 07:35	03/21/16 16:57	1
Magnesium	21.9		0.20	0.043	mg/L		03/21/16 07:35	03/21/16 16:57	1
Manganese	0.053		0.0030	0.00040	mg/L		03/21/16 07:35	03/21/16 16:57	1
Nickel	0.0031	J	0.010	0.0013	mg/L		03/21/16 07:35	03/21/16 16:57	1
Potassium	6.2		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 16:57	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E03_0316

Lab Sample ID: 480-96750-9

Date Collected: 03/15/16 12:15

Matrix: Ground Water

Date Received: 03/17/16 13:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/21/16 07:35	03/21/16 16:57	1
Silver	ND		0.0060	0.0017	mg/L		03/21/16 07:35	03/21/16 16:57	1
Sodium	27.5		1.0	0.32	mg/L		03/21/16 07:35	03/21/16 16:57	1
Thallium	ND		0.020	0.010	mg/L		03/21/16 07:35	03/21/16 16:57	1
Vanadium	ND		0.0050	0.0015	mg/L		03/21/16 07:35	03/21/16 16:57	1
Zinc	0.015		0.010	0.0015	mg/L		03/21/16 07:35	03/21/16 16:57	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/22/16 09:35	03/22/16 14:17	1

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E04_0316

Lab Sample ID: 480-96750-10

Date Collected: 03/16/16 07:40

Matrix: Ground Water

Date Received: 03/17/16 13:30

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			03/21/16 16:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/21/16 16:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/21/16 16:13	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/21/16 16:13	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/21/16 16:13	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/21/16 16:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/21/16 16:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/21/16 16:13	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/21/16 16:13	1
1,2-Dichlorobenzene	1.1		1.0	0.79	ug/L			03/21/16 16:13	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/21/16 16:13	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/21/16 16:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/21/16 16:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/21/16 16:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/21/16 16:13	1
2-Hexanone	ND		5.0	1.2	ug/L			03/21/16 16:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/21/16 16:13	1
Acetone	ND		10	3.0	ug/L			03/21/16 16:13	1
Benzene	ND		1.0	0.41	ug/L			03/21/16 16:13	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/21/16 16:13	1
Bromoform	ND		1.0	0.26	ug/L			03/21/16 16:13	1
Bromomethane	ND		1.0	0.69	ug/L			03/21/16 16:13	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/21/16 16:13	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/21/16 16:13	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/21/16 16:13	1
Chloroethane	ND		1.0	0.32	ug/L			03/21/16 16:13	1
Chloroform	ND		1.0	0.34	ug/L			03/21/16 16:13	1
Chloromethane	ND		1.0	0.35	ug/L			03/21/16 16:13	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/21/16 16:13	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/21/16 16:13	1
Cyclohexane	ND		1.0	0.18	ug/L			03/21/16 16:13	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/21/16 16:13	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/21/16 16:13	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/21/16 16:13	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/21/16 16:13	1
Methyl acetate	ND		2.5	1.3	ug/L			03/21/16 16:13	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/21/16 16:13	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/21/16 16:13	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/21/16 16:13	1
Styrene	ND		1.0	0.73	ug/L			03/21/16 16:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/21/16 16:13	1
Toluene	0.74 J		1.0	0.51	ug/L			03/21/16 16:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/21/16 16:13	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/21/16 16:13	1
Trichloroethene	ND		1.0	0.46	ug/L			03/21/16 16:13	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/21/16 16:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/21/16 16:13	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/21/16 16:13	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E04_0316

Lab Sample ID: 480-96750-10

Date Collected: 03/16/16 07:40

Matrix: Ground Water

Date Received: 03/17/16 13:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		03/21/16 16:13	1
4-Bromofluorobenzene (Surr)	101		73 - 120		03/21/16 16:13	1
Toluene-d8 (Surr)	99		71 - 126		03/21/16 16:13	1
Dibromofluoromethane (Surr)	101		60 - 140		03/21/16 16:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		92	8.9	ug/L		03/18/16 08:46	03/21/16 22:46	20
2,4,6-Trichlorophenol	ND		92	11	ug/L		03/18/16 08:46	03/21/16 22:46	20
2,4-Dichlorophenol	ND		92	9.4	ug/L		03/18/16 08:46	03/21/16 22:46	20
2,4-Dimethylphenol	ND		92	9.2	ug/L		03/18/16 08:46	03/21/16 22:46	20
2,4-Dinitrophenol	ND		180	41	ug/L		03/18/16 08:46	03/21/16 22:46	20
2-Chloronaphthalene	ND		92	8.5	ug/L		03/18/16 08:46	03/21/16 22:46	20
2-Chlorophenol	ND		92	9.8	ug/L		03/18/16 08:46	03/21/16 22:46	20
2-Methylnaphthalene	ND		92	11	ug/L		03/18/16 08:46	03/21/16 22:46	20
2-Methylphenol	ND		92	7.4	ug/L		03/18/16 08:46	03/21/16 22:46	20
2-Nitroaniline	ND		180	7.7	ug/L		03/18/16 08:46	03/21/16 22:46	20
2-Nitrophenol	ND		92	8.9	ug/L		03/18/16 08:46	03/21/16 22:46	20
3,3'-Dichlorobenzidine	ND		92	7.4	ug/L		03/18/16 08:46	03/21/16 22:46	20
3-Nitroaniline	18	J	180	8.9	ug/L		03/18/16 08:46	03/21/16 22:46	20
4,6-Dinitro-2-methylphenol	ND		180	41	ug/L		03/18/16 08:46	03/21/16 22:46	20
4-Bromophenyl phenyl ether	ND		92	8.3	ug/L		03/18/16 08:46	03/21/16 22:46	20
4-Chloro-3-methylphenol	ND		92	8.3	ug/L		03/18/16 08:46	03/21/16 22:46	20
4-Chloroaniline	ND		92	11	ug/L		03/18/16 08:46	03/21/16 22:46	20
4-Chlorophenyl phenyl ether	ND		92	6.5	ug/L		03/18/16 08:46	03/21/16 22:46	20
4-Methylphenol	ND		180	6.6	ug/L		03/18/16 08:46	03/21/16 22:46	20
4-Nitroaniline	ND		180	4.6	ug/L		03/18/16 08:46	03/21/16 22:46	20
4-Nitrophenol	ND		180	28	ug/L		03/18/16 08:46	03/21/16 22:46	20
Acenaphthene	ND		92	7.6	ug/L		03/18/16 08:46	03/21/16 22:46	20
Acenaphthylene	ND		92	7.0	ug/L		03/18/16 08:46	03/21/16 22:46	20
Acetophenone	ND		92	10	ug/L		03/18/16 08:46	03/21/16 22:46	20
Aniline	ND		180	11	ug/L		03/18/16 08:46	03/21/16 22:46	20
Anthracene	ND		92	5.2	ug/L		03/18/16 08:46	03/21/16 22:46	20
Atrazine	ND		92	8.5	ug/L		03/18/16 08:46	03/21/16 22:46	20
Benzaldehyde	ND		92	4.9	ug/L		03/18/16 08:46	03/21/16 22:46	20
Benzo(a)anthracene	ND		92	6.6	ug/L		03/18/16 08:46	03/21/16 22:46	20
Benzo(a)pyrene	ND		92	8.7	ug/L		03/18/16 08:46	03/21/16 22:46	20
Benzo(b)fluoranthene	ND		92	6.3	ug/L		03/18/16 08:46	03/21/16 22:46	20
Benzo(g,h,i)perylene	ND		92	6.5	ug/L		03/18/16 08:46	03/21/16 22:46	20
Benzo(k)fluoranthene	ND		92	13	ug/L		03/18/16 08:46	03/21/16 22:46	20
Biphenyl	ND		92	12	ug/L		03/18/16 08:46	03/21/16 22:46	20
bis (2-chloroisopropyl) ether	ND		92	9.6	ug/L		03/18/16 08:46	03/21/16 22:46	20
Bis(2-chloroethoxy)methane	ND		92	6.5	ug/L		03/18/16 08:46	03/21/16 22:46	20
Bis(2-chloroethyl)ether	ND		92	7.4	ug/L		03/18/16 08:46	03/21/16 22:46	20
Bis(2-ethylhexyl) phthalate	ND		92	33	ug/L		03/18/16 08:46	03/21/16 22:46	20
Butyl benzyl phthalate	ND		92	7.7	ug/L		03/18/16 08:46	03/21/16 22:46	20
Caprolactam	ND		92	41	ug/L		03/18/16 08:46	03/21/16 22:46	20
Carbazole	ND		92	5.5	ug/L		03/18/16 08:46	03/21/16 22:46	20
Chrysene	ND		92	6.1	ug/L		03/18/16 08:46	03/21/16 22:46	20
Dibenz(a,h)anthracene	ND		92	7.7	ug/L		03/18/16 08:46	03/21/16 22:46	20

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E04_0316

Lab Sample ID: 480-96750-10

Date Collected: 03/16/16 07:40

Matrix: Ground Water

Date Received: 03/17/16 13:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		180	9.4	ug/L		03/18/16 08:46	03/21/16 22:46	20
Diethyl phthalate	ND		92	4.1	ug/L		03/18/16 08:46	03/21/16 22:46	20
Dimethyl phthalate	ND		92	6.6	ug/L		03/18/16 08:46	03/21/16 22:46	20
Di-n-butyl phthalate	ND		92	5.7	ug/L		03/18/16 08:46	03/21/16 22:46	20
Di-n-octyl phthalate	ND		92	8.7	ug/L		03/18/16 08:46	03/21/16 22:46	20
Fluoranthene	ND		92	7.4	ug/L		03/18/16 08:46	03/21/16 22:46	20
Fluorene	ND		92	6.6	ug/L		03/18/16 08:46	03/21/16 22:46	20
Hexachlorobenzene	ND		92	9.4	ug/L		03/18/16 08:46	03/21/16 22:46	20
Hexachlorobutadiene	ND		92	13	ug/L		03/18/16 08:46	03/21/16 22:46	20
Hexachlorocyclopentadiene	ND		92	11	ug/L		03/18/16 08:46	03/21/16 22:46	20
Hexachloroethane	ND		92	11	ug/L		03/18/16 08:46	03/21/16 22:46	20
Indeno(1,2,3-cd)pyrene	ND		92	8.7	ug/L		03/18/16 08:46	03/21/16 22:46	20
Isophorone	ND		92	7.9	ug/L		03/18/16 08:46	03/21/16 22:46	20
Naphthalene	ND		92	14	ug/L		03/18/16 08:46	03/21/16 22:46	20
Nitrobenzene	12	J	92	5.4	ug/L		03/18/16 08:46	03/21/16 22:46	20
N-Nitrosodi-n-propylamine	ND		92	10	ug/L		03/18/16 08:46	03/21/16 22:46	20
N-Nitrosodiphenylamine	ND		92	9.4	ug/L		03/18/16 08:46	03/21/16 22:46	20
Pentachlorophenol	ND		180	41	ug/L		03/18/16 08:46	03/21/16 22:46	20
Phenanthrene	ND		92	8.1	ug/L		03/18/16 08:46	03/21/16 22:46	20
Phenol	ND		92	7.2	ug/L		03/18/16 08:46	03/21/16 22:46	20
Pyrene	ND		92	6.3	ug/L		03/18/16 08:46	03/21/16 22:46	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	95		52 - 132	03/18/16 08:46	03/21/16 22:46	20
2-Fluorobiphenyl	87		48 - 120	03/18/16 08:46	03/21/16 22:46	20
2-Fluorophenol	53		20 - 120	03/18/16 08:46	03/21/16 22:46	20
Nitrobenzene-d5	85		46 - 120	03/18/16 08:46	03/21/16 22:46	20
Phenol-d5	35		16 - 120	03/18/16 08:46	03/21/16 22:46	20
p-Terphenyl-d14	69		67 - 150	03/18/16 08:46	03/21/16 22:46	20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	3700		920	82	ug/L		03/18/16 08:46	03/22/16 19:36	200
2,6-Dinitrotoluene	5500		920	74	ug/L		03/18/16 08:46	03/22/16 19:36	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	0	X	52 - 132	03/18/16 08:46	03/22/16 19:36	200
2-Fluorobiphenyl	95		48 - 120	03/18/16 08:46	03/22/16 19:36	200
2-Fluorophenol	51		20 - 120	03/18/16 08:46	03/22/16 19:36	200
Nitrobenzene-d5	95		46 - 120	03/18/16 08:46	03/22/16 19:36	200
Phenol-d5	0	X	16 - 120	03/18/16 08:46	03/22/16 19:36	200
p-Terphenyl-d14	0	X	67 - 150	03/18/16 08:46	03/22/16 19:36	200

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1.1		0.20	0.060	mg/L		03/21/16 07:35	03/21/16 17:00	1
Antimony	0.034		0.020	0.0068	mg/L		03/21/16 07:35	03/21/16 17:00	1
Arsenic	0.011	J	0.015	0.0056	mg/L		03/21/16 07:35	03/21/16 17:00	1
Barium	0.058		0.0020	0.00070	mg/L		03/21/16 07:35	03/21/16 17:00	1
Beryllium	ND		0.0020	0.00030	mg/L		03/21/16 07:35	03/21/16 17:00	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E04_0316

Lab Sample ID: 480-96750-10

Date Collected: 03/16/16 07:40

Matrix: Ground Water

Date Received: 03/17/16 13:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.00082	J	0.0020	0.00050	mg/L	—	03/21/16 07:35	03/21/16 17:00	1
Calcium	142		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 17:00	1
Chromium	0.0025	J	0.0040	0.0010	mg/L		03/21/16 07:35	03/21/16 17:00	1
Cobalt	0.0015	J	0.0040	0.00063	mg/L		03/21/16 07:35	03/21/16 17:00	1
Copper	0.012		0.010	0.0016	mg/L		03/21/16 07:35	03/21/16 17:00	1
Iron	1.0		0.050	0.019	mg/L		03/21/16 07:35	03/21/16 17:00	1
Lead	0.0047	J	0.010	0.0030	mg/L		03/21/16 07:35	03/21/16 17:00	1
Magnesium	32.8		0.20	0.043	mg/L		03/21/16 07:35	03/21/16 17:00	1
Manganese	0.37		0.0030	0.00040	mg/L		03/21/16 07:35	03/21/16 17:00	1
Nickel	0.0076	J	0.010	0.0013	mg/L		03/21/16 07:35	03/21/16 17:00	1
Potassium	6.4		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 17:00	1
Selenium	ND		0.025	0.0087	mg/L		03/21/16 07:35	03/21/16 17:00	1
Silver	ND		0.0060	0.0017	mg/L		03/21/16 07:35	03/21/16 17:00	1
Sodium	11.6		1.0	0.32	mg/L		03/21/16 07:35	03/21/16 17:00	1
Thallium	ND		0.020	0.010	mg/L		03/21/16 07:35	03/21/16 17:00	1
Vanadium	0.0022	J	0.0050	0.0015	mg/L		03/21/16 07:35	03/21/16 17:00	1
Zinc	0.15		0.010	0.0015	mg/L		03/21/16 07:35	03/21/16 17:00	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L	—	03/22/16 09:35	03/22/16 14:20	1

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E05_0316

Lab Sample ID: 480-96750-11

Date Collected: 03/16/16 11:20

Matrix: Ground Water

Date Received: 03/17/16 13:30

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			03/21/16 16:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/21/16 16:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/21/16 16:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/21/16 16:36	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/21/16 16:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/21/16 16:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/21/16 16:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/21/16 16:36	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/21/16 16:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/21/16 16:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/21/16 16:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/21/16 16:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/21/16 16:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/21/16 16:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/21/16 16:36	1
2-Hexanone	ND		5.0	1.2	ug/L			03/21/16 16:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/21/16 16:36	1
Acetone	ND		10	3.0	ug/L			03/21/16 16:36	1
Benzene	ND		1.0	0.41	ug/L			03/21/16 16:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/21/16 16:36	1
Bromoform	ND		1.0	0.26	ug/L			03/21/16 16:36	1
Bromomethane	ND		1.0	0.69	ug/L			03/21/16 16:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/21/16 16:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/21/16 16:36	1
Chlorobenzene	1.1		1.0	0.75	ug/L			03/21/16 16:36	1
Chloroethane	ND		1.0	0.32	ug/L			03/21/16 16:36	1
Chloroform	ND		1.0	0.34	ug/L			03/21/16 16:36	1
Chloromethane	ND		1.0	0.35	ug/L			03/21/16 16:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/21/16 16:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/21/16 16:36	1
Cyclohexane	ND		1.0	0.18	ug/L			03/21/16 16:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/21/16 16:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/21/16 16:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/21/16 16:36	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/21/16 16:36	1
Methyl acetate	ND		2.5	1.3	ug/L			03/21/16 16:36	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/21/16 16:36	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/21/16 16:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/21/16 16:36	1
Styrene	ND		1.0	0.73	ug/L			03/21/16 16:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/21/16 16:36	1
Toluene	ND		1.0	0.51	ug/L			03/21/16 16:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/21/16 16:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/21/16 16:36	1
Trichloroethene	ND		1.0	0.46	ug/L			03/21/16 16:36	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/21/16 16:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/21/16 16:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/21/16 16:36	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E05_0316

Lab Sample ID: 480-96750-11

Date Collected: 03/16/16 11:20

Matrix: Ground Water

Date Received: 03/17/16 13:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		03/21/16 16:36	1
4-Bromofluorobenzene (Surr)	100		73 - 120		03/21/16 16:36	1
Toluene-d8 (Surr)	101		71 - 126		03/21/16 16:36	1
Dibromofluoromethane (Surr)	100		60 - 140		03/21/16 16:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		03/18/16 08:46	03/21/16 23:15	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		03/18/16 08:46	03/21/16 23:15	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		03/18/16 08:46	03/21/16 23:15	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		03/18/16 08:46	03/21/16 23:15	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		03/18/16 08:46	03/21/16 23:15	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		03/18/16 08:46	03/21/16 23:15	1
2,6-Dinitrotoluene	0.74	J	4.8	0.38	ug/L		03/18/16 08:46	03/21/16 23:15	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		03/18/16 08:46	03/21/16 23:15	1
2-Chlorophenol	ND		4.8	0.51	ug/L		03/18/16 08:46	03/21/16 23:15	1
2-Methylnaphthalene	ND		4.8	0.57	ug/L		03/18/16 08:46	03/21/16 23:15	1
2-Methylphenol	ND		4.8	0.38	ug/L		03/18/16 08:46	03/21/16 23:15	1
2-Nitroaniline	ND		9.6	0.40	ug/L		03/18/16 08:46	03/21/16 23:15	1
2-Nitrophenol	ND		4.8	0.46	ug/L		03/18/16 08:46	03/21/16 23:15	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		03/18/16 08:46	03/21/16 23:15	1
3-Nitroaniline	ND		9.6	0.46	ug/L		03/18/16 08:46	03/21/16 23:15	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		03/18/16 08:46	03/21/16 23:15	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		03/18/16 08:46	03/21/16 23:15	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		03/18/16 08:46	03/21/16 23:15	1
4-Chloroaniline	ND		4.8	0.57	ug/L		03/18/16 08:46	03/21/16 23:15	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		03/18/16 08:46	03/21/16 23:15	1
4-Methylphenol	ND		9.6	0.34	ug/L		03/18/16 08:46	03/21/16 23:15	1
4-Nitroaniline	ND		9.6	0.24	ug/L		03/18/16 08:46	03/21/16 23:15	1
4-Nitrophenol	ND		9.6	1.5	ug/L		03/18/16 08:46	03/21/16 23:15	1
Acenaphthene	ND		4.8	0.39	ug/L		03/18/16 08:46	03/21/16 23:15	1
Acenaphthylene	ND		4.8	0.36	ug/L		03/18/16 08:46	03/21/16 23:15	1
Acetophenone	ND		4.8	0.52	ug/L		03/18/16 08:46	03/21/16 23:15	1
Aniline	ND		9.6	0.58	ug/L		03/18/16 08:46	03/21/16 23:15	1
Anthracene	ND		4.8	0.27	ug/L		03/18/16 08:46	03/21/16 23:15	1
Atrazine	ND		4.8	0.44	ug/L		03/18/16 08:46	03/21/16 23:15	1
Benzaldehyde	ND		4.8	0.26	ug/L		03/18/16 08:46	03/21/16 23:15	1
Benzo(a)anthracene	ND		4.8	0.34	ug/L		03/18/16 08:46	03/21/16 23:15	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		03/18/16 08:46	03/21/16 23:15	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		03/18/16 08:46	03/21/16 23:15	1
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		03/18/16 08:46	03/21/16 23:15	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		03/18/16 08:46	03/21/16 23:15	1
Biphenyl	ND		4.8	0.63	ug/L		03/18/16 08:46	03/21/16 23:15	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		03/18/16 08:46	03/21/16 23:15	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		03/18/16 08:46	03/21/16 23:15	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		03/18/16 08:46	03/21/16 23:15	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		03/18/16 08:46	03/21/16 23:15	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		03/18/16 08:46	03/21/16 23:15	1
Caprolactam	ND		4.8	2.1	ug/L		03/18/16 08:46	03/21/16 23:15	1
Carbazole	ND		4.8	0.29	ug/L		03/18/16 08:46	03/21/16 23:15	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E05_0316

Lab Sample ID: 480-96750-11

Date Collected: 03/16/16 11:20

Matrix: Ground Water

Date Received: 03/17/16 13:30

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		03/18/16 08:46	03/21/16 23:15	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		03/18/16 08:46	03/21/16 23:15	1
Dibenzofuran	ND		9.6	0.49	ug/L		03/18/16 08:46	03/21/16 23:15	1
Diethyl phthalate	ND		4.8	0.21	ug/L		03/18/16 08:46	03/21/16 23:15	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		03/18/16 08:46	03/21/16 23:15	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		03/18/16 08:46	03/21/16 23:15	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		03/18/16 08:46	03/21/16 23:15	1
Fluoranthene	ND		4.8	0.38	ug/L		03/18/16 08:46	03/21/16 23:15	1
Fluorene	ND		4.8	0.34	ug/L		03/18/16 08:46	03/21/16 23:15	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		03/18/16 08:46	03/21/16 23:15	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		03/18/16 08:46	03/21/16 23:15	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		03/18/16 08:46	03/21/16 23:15	1
Hexachloroethane	ND		4.8	0.57	ug/L		03/18/16 08:46	03/21/16 23:15	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		03/18/16 08:46	03/21/16 23:15	1
Isophorone	ND		4.8	0.41	ug/L		03/18/16 08:46	03/21/16 23:15	1
Naphthalene	ND		4.8	0.73	ug/L		03/18/16 08:46	03/21/16 23:15	1
Nitrobenzene	ND		4.8	0.28	ug/L		03/18/16 08:46	03/21/16 23:15	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		03/18/16 08:46	03/21/16 23:15	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		03/18/16 08:46	03/21/16 23:15	1
Pentachlorophenol	ND		9.6	2.1	ug/L		03/18/16 08:46	03/21/16 23:15	1
Phenanthrene	ND		4.8	0.42	ug/L		03/18/16 08:46	03/21/16 23:15	1
Phenol	ND		4.8	0.37	ug/L		03/18/16 08:46	03/21/16 23:15	1
Pyrene	ND		4.8	0.33	ug/L		03/18/16 08:46	03/21/16 23:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	100		52 - 132	03/18/16 08:46	03/21/16 23:15	1
2-Fluorobiphenyl	77		48 - 120	03/18/16 08:46	03/21/16 23:15	1
2-Fluorophenol	53		20 - 120	03/18/16 08:46	03/21/16 23:15	1
Nitrobenzene-d5	78		46 - 120	03/18/16 08:46	03/21/16 23:15	1
Phenol-d5	34		16 - 120	03/18/16 08:46	03/21/16 23:15	1
p-Terphenyl-d14	80		67 - 150	03/18/16 08:46	03/21/16 23:15	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.11	J	0.20	0.060	mg/L		03/21/16 07:35	03/21/16 17:04	1
Antimony	ND		0.020	0.0068	mg/L		03/21/16 07:35	03/21/16 17:04	1
Arsenic	0.0056	J	0.015	0.0056	mg/L		03/21/16 07:35	03/21/16 17:04	1
Barium	0.022		0.0020	0.00070	mg/L		03/21/16 07:35	03/21/16 17:04	1
Beryllium	ND		0.0020	0.00030	mg/L		03/21/16 07:35	03/21/16 17:04	1
Cadmium	0.010		0.0020	0.00050	mg/L		03/21/16 07:35	03/21/16 17:04	1
Calcium	122		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 17:04	1
Chromium	ND		0.0040	0.0010	mg/L		03/21/16 07:35	03/21/16 17:04	1
Cobalt	0.0047		0.0040	0.00063	mg/L		03/21/16 07:35	03/21/16 17:04	1
Copper	0.10		0.010	0.0016	mg/L		03/21/16 07:35	03/21/16 17:04	1
Iron	0.24		0.050	0.019	mg/L		03/21/16 07:35	03/21/16 17:04	1
Lead	0.029		0.010	0.0030	mg/L		03/21/16 07:35	03/21/16 17:04	1
Magnesium	13.5		0.20	0.043	mg/L		03/21/16 07:35	03/21/16 17:04	1
Manganese	0.17		0.0030	0.00040	mg/L		03/21/16 07:35	03/21/16 17:04	1
Nickel	0.015		0.010	0.0013	mg/L		03/21/16 07:35	03/21/16 17:04	1
Potassium	4.9		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 17:04	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E05_0316

Lab Sample ID: 480-96750-11

Date Collected: 03/16/16 11:20

Matrix: Ground Water

Date Received: 03/17/16 13:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	0.038		0.025	0.0087	mg/L		03/21/16 07:35	03/21/16 17:04	1
Silver	ND		0.0060	0.0017	mg/L		03/21/16 07:35	03/21/16 17:04	1
Sodium	58.7		1.0	0.32	mg/L		03/21/16 07:35	03/21/16 17:04	1
Thallium	ND		0.020	0.010	mg/L		03/21/16 07:35	03/21/16 17:04	1
Vanadium	ND		0.0050	0.0015	mg/L		03/21/16 07:35	03/21/16 17:04	1
Zinc	3.4		0.010	0.0015	mg/L		03/21/16 07:35	03/21/16 17:04	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/22/16 09:35	03/22/16 14:21	1

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E06_0316

Lab Sample ID: 480-96750-12

Date Collected: 03/16/16 13:00

Matrix: Ground Water

Date Received: 03/17/16 13:30

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			03/21/16 16:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/21/16 16:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/21/16 16:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/21/16 16:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/21/16 16:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/21/16 16:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/21/16 16:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/21/16 16:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/21/16 16:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/21/16 16:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/21/16 16:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/21/16 16:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/21/16 16:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/21/16 16:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/21/16 16:59	1
2-Hexanone	ND		5.0	1.2	ug/L			03/21/16 16:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/21/16 16:59	1
Acetone	ND		10	3.0	ug/L			03/21/16 16:59	1
Benzene	ND		1.0	0.41	ug/L			03/21/16 16:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/21/16 16:59	1
Bromoform	ND		1.0	0.26	ug/L			03/21/16 16:59	1
Bromomethane	ND		1.0	0.69	ug/L			03/21/16 16:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/21/16 16:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/21/16 16:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/21/16 16:59	1
Chloroethane	ND		1.0	0.32	ug/L			03/21/16 16:59	1
Chloroform	ND		1.0	0.34	ug/L			03/21/16 16:59	1
Chloromethane	ND		1.0	0.35	ug/L			03/21/16 16:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/21/16 16:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/21/16 16:59	1
Cyclohexane	ND		1.0	0.18	ug/L			03/21/16 16:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/21/16 16:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/21/16 16:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/21/16 16:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/21/16 16:59	1
Methyl acetate	ND		2.5	1.3	ug/L			03/21/16 16:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/21/16 16:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/21/16 16:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/21/16 16:59	1
Styrene	ND		1.0	0.73	ug/L			03/21/16 16:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/21/16 16:59	1
Toluene	ND		1.0	0.51	ug/L			03/21/16 16:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/21/16 16:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/21/16 16:59	1
Trichloroethene	ND		1.0	0.46	ug/L			03/21/16 16:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/21/16 16:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/21/16 16:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/21/16 16:59	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E06_0316

Lab Sample ID: 480-96750-12

Date Collected: 03/16/16 13:00

Matrix: Ground Water

Date Received: 03/17/16 13:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		66 - 137		03/21/16 16:59	1
4-Bromofluorobenzene (Surr)	101		73 - 120		03/21/16 16:59	1
Toluene-d8 (Surr)	101		71 - 126		03/21/16 16:59	1
Dibromofluoromethane (Surr)	102		60 - 140		03/21/16 16:59	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		03/18/16 08:46	03/21/16 23:44	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		03/18/16 08:46	03/21/16 23:44	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 23:44	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/18/16 08:46	03/21/16 23:44	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		03/18/16 08:46	03/21/16 23:44	1
2,4-Dinitrotoluene	0.79	J	4.7	0.42	ug/L		03/18/16 08:46	03/21/16 23:44	1
2,6-Dinitrotoluene	0.92	J	4.7	0.38	ug/L		03/18/16 08:46	03/21/16 23:44	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		03/18/16 08:46	03/21/16 23:44	1
2-Chlorophenol	ND		4.7	0.50	ug/L		03/18/16 08:46	03/21/16 23:44	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		03/18/16 08:46	03/21/16 23:44	1
2-Methylphenol	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 23:44	1
2-Nitroaniline	ND		9.4	0.39	ug/L		03/18/16 08:46	03/21/16 23:44	1
2-Nitrophenol	ND		4.7	0.45	ug/L		03/18/16 08:46	03/21/16 23:44	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 23:44	1
3-Nitroaniline	ND		9.4	0.45	ug/L		03/18/16 08:46	03/21/16 23:44	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		03/18/16 08:46	03/21/16 23:44	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 23:44	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		03/18/16 08:46	03/21/16 23:44	1
4-Chloroaniline	ND		4.7	0.55	ug/L		03/18/16 08:46	03/21/16 23:44	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 23:44	1
4-Methylphenol	ND		9.4	0.34	ug/L		03/18/16 08:46	03/21/16 23:44	1
4-Nitroaniline	ND		9.4	0.23	ug/L		03/18/16 08:46	03/21/16 23:44	1
4-Nitrophenol	ND		9.4	1.4	ug/L		03/18/16 08:46	03/21/16 23:44	1
Acenaphthene	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 23:44	1
Acenaphthylene	ND		4.7	0.36	ug/L		03/18/16 08:46	03/21/16 23:44	1
Acetophenone	ND		4.7	0.51	ug/L		03/18/16 08:46	03/21/16 23:44	1
Aniline	ND		9.4	0.57	ug/L		03/18/16 08:46	03/21/16 23:44	1
Anthracene	ND		4.7	0.26	ug/L		03/18/16 08:46	03/21/16 23:44	1
Atrazine	ND		4.7	0.43	ug/L		03/18/16 08:46	03/21/16 23:44	1
Benzaldehyde	ND		4.7	0.25	ug/L		03/18/16 08:46	03/21/16 23:44	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 23:44	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 23:44	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/18/16 08:46	03/21/16 23:44	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 23:44	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		03/18/16 08:46	03/21/16 23:44	1
Biphenyl	ND		4.7	0.61	ug/L		03/18/16 08:46	03/21/16 23:44	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		03/18/16 08:46	03/21/16 23:44	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/18/16 08:46	03/21/16 23:44	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 23:44	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		03/18/16 08:46	03/21/16 23:44	1
Butyl benzyl phthalate	ND		4.7	0.39	ug/L		03/18/16 08:46	03/21/16 23:44	1
Caprolactam	ND		4.7	2.1	ug/L		03/18/16 08:46	03/21/16 23:44	1
Carbazole	ND		4.7	0.28	ug/L		03/18/16 08:46	03/21/16 23:44	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E06_0316

Lab Sample ID: 480-96750-12

Date Collected: 03/16/16 13:00

Matrix: Ground Water

Date Received: 03/17/16 13:30

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		03/18/16 08:46	03/21/16 23:44	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		03/18/16 08:46	03/21/16 23:44	1
Dibenzofuran	ND		9.4	0.48	ug/L		03/18/16 08:46	03/21/16 23:44	1
Diethyl phthalate	ND		4.7	0.21	ug/L		03/18/16 08:46	03/21/16 23:44	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 23:44	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/18/16 08:46	03/21/16 23:44	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 23:44	1
Fluoranthene	ND		4.7	0.38	ug/L		03/18/16 08:46	03/21/16 23:44	1
Fluorene	ND		4.7	0.34	ug/L		03/18/16 08:46	03/21/16 23:44	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 23:44	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		03/18/16 08:46	03/21/16 23:44	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		03/18/16 08:46	03/21/16 23:44	1
Hexachloroethane	ND		4.7	0.55	ug/L		03/18/16 08:46	03/21/16 23:44	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		03/18/16 08:46	03/21/16 23:44	1
Isophorone	ND		4.7	0.40	ug/L		03/18/16 08:46	03/21/16 23:44	1
Naphthalene	ND		4.7	0.71	ug/L		03/18/16 08:46	03/21/16 23:44	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/18/16 08:46	03/21/16 23:44	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		03/18/16 08:46	03/21/16 23:44	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		03/18/16 08:46	03/21/16 23:44	1
Pentachlorophenol	ND		9.4	2.1	ug/L		03/18/16 08:46	03/21/16 23:44	1
Phenanthrene	ND		4.7	0.41	ug/L		03/18/16 08:46	03/21/16 23:44	1
Phenol	ND		4.7	0.37	ug/L		03/18/16 08:46	03/21/16 23:44	1
Pyrene	ND		4.7	0.32	ug/L		03/18/16 08:46	03/21/16 23:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	106		52 - 132	03/18/16 08:46	03/21/16 23:44	1
2-Fluorobiphenyl	75		48 - 120	03/18/16 08:46	03/21/16 23:44	1
2-Fluorophenol	50		20 - 120	03/18/16 08:46	03/21/16 23:44	1
Nitrobenzene-d5	77		46 - 120	03/18/16 08:46	03/21/16 23:44	1
Phenol-d5	33		16 - 120	03/18/16 08:46	03/21/16 23:44	1
p-Terphenyl-d14	73		67 - 150	03/18/16 08:46	03/21/16 23:44	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/21/16 07:35	03/21/16 17:07	1
Antimony	ND		0.020	0.0068	mg/L		03/21/16 07:35	03/21/16 17:07	1
Arsenic	0.038		0.015	0.0056	mg/L		03/21/16 07:35	03/21/16 17:07	1
Barium	0.023		0.0020	0.00070	mg/L		03/21/16 07:35	03/21/16 17:07	1
Beryllium	ND		0.0020	0.00030	mg/L		03/21/16 07:35	03/21/16 17:07	1
Cadmium	ND		0.0020	0.00050	mg/L		03/21/16 07:35	03/21/16 17:07	1
Calcium	280		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 17:07	1
Chromium	0.0012	J	0.0040	0.0010	mg/L		03/21/16 07:35	03/21/16 17:07	1
Cobalt	0.014		0.0040	0.00063	mg/L		03/21/16 07:35	03/21/16 17:07	1
Copper	0.0040	J	0.010	0.0016	mg/L		03/21/16 07:35	03/21/16 17:07	1
Iron	101		0.050	0.019	mg/L		03/21/16 07:35	03/21/16 17:07	1
Lead	0.0070	J	0.010	0.0030	mg/L		03/21/16 07:35	03/21/16 17:07	1
Magnesium	18.2		0.20	0.043	mg/L		03/21/16 07:35	03/21/16 17:07	1
Manganese	1.1		0.0030	0.00040	mg/L		03/21/16 07:35	03/21/16 17:07	1
Nickel	0.017		0.010	0.0013	mg/L		03/21/16 07:35	03/21/16 17:07	1
Potassium	4.2		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 17:07	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E06_0316

Lab Sample ID: 480-96750-12

Date Collected: 03/16/16 13:00

Matrix: Ground Water

Date Received: 03/17/16 13:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/21/16 07:35	03/21/16 17:07	1
Silver	ND		0.0060	0.0017	mg/L		03/21/16 07:35	03/21/16 17:07	1
Sodium	34.1		1.0	0.32	mg/L		03/21/16 07:35	03/21/16 17:07	1
Thallium	ND		0.020	0.010	mg/L		03/21/16 07:35	03/21/16 17:07	1
Vanadium	ND		0.0050	0.0015	mg/L		03/21/16 07:35	03/21/16 17:07	1
Zinc	1.3		0.010	0.0015	mg/L		03/21/16 07:35	03/21/16 17:07	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/22/16 09:35	03/22/16 14:23	1

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E07_0316

Lab Sample ID: 480-96750-13

Date Collected: 03/16/16 14:10

Matrix: Ground Water

Date Received: 03/17/16 13:30

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			03/21/16 17:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/21/16 17:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/21/16 17:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/21/16 17:23	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/21/16 17:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/21/16 17:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/21/16 17:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/21/16 17:23	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/21/16 17:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/21/16 17:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/21/16 17:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/21/16 17:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/21/16 17:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/21/16 17:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/21/16 17:23	1
2-Hexanone	ND		5.0	1.2	ug/L			03/21/16 17:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/21/16 17:23	1
Acetone	ND		10	3.0	ug/L			03/21/16 17:23	1
Benzene	ND		1.0	0.41	ug/L			03/21/16 17:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/21/16 17:23	1
Bromoform	ND		1.0	0.26	ug/L			03/21/16 17:23	1
Bromomethane	ND		1.0	0.69	ug/L			03/21/16 17:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/21/16 17:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/21/16 17:23	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/21/16 17:23	1
Chloroethane	ND		1.0	0.32	ug/L			03/21/16 17:23	1
Chloroform	ND		1.0	0.34	ug/L			03/21/16 17:23	1
Chloromethane	ND		1.0	0.35	ug/L			03/21/16 17:23	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/21/16 17:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/21/16 17:23	1
Cyclohexane	ND		1.0	0.18	ug/L			03/21/16 17:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/21/16 17:23	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/21/16 17:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/21/16 17:23	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/21/16 17:23	1
Methyl acetate	ND		2.5	1.3	ug/L			03/21/16 17:23	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/21/16 17:23	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/21/16 17:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/21/16 17:23	1
Styrene	ND		1.0	0.73	ug/L			03/21/16 17:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/21/16 17:23	1
Toluene	ND		1.0	0.51	ug/L			03/21/16 17:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/21/16 17:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/21/16 17:23	1
Trichloroethene	ND		1.0	0.46	ug/L			03/21/16 17:23	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/21/16 17:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/21/16 17:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/21/16 17:23	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E07_0316

Lab Sample ID: 480-96750-13

Date Collected: 03/16/16 14:10

Matrix: Ground Water

Date Received: 03/17/16 13:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		66 - 137		03/21/16 17:23	1
4-Bromofluorobenzene (Surr)	102		73 - 120		03/21/16 17:23	1
Toluene-d8 (Surr)	101		71 - 126		03/21/16 17:23	1
Dibromofluoromethane (Surr)	102		60 - 140		03/21/16 17:23	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		03/18/16 08:46	03/22/16 00:13	1
2,4,6-Trichlorophenol	ND		4.6	0.57	ug/L		03/18/16 08:46	03/22/16 00:13	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		03/18/16 08:46	03/22/16 00:13	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		03/18/16 08:46	03/22/16 00:13	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		03/18/16 08:46	03/22/16 00:13	1
2,4-Dinitrotoluene	ND		4.6	0.42	ug/L		03/18/16 08:46	03/22/16 00:13	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		03/18/16 08:46	03/22/16 00:13	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		03/18/16 08:46	03/22/16 00:13	1
2-Chlorophenol	ND		4.6	0.49	ug/L		03/18/16 08:46	03/22/16 00:13	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		03/18/16 08:46	03/22/16 00:13	1
2-Methylphenol	ND		4.6	0.37	ug/L		03/18/16 08:46	03/22/16 00:13	1
2-Nitroaniline	ND		9.3	0.39	ug/L		03/18/16 08:46	03/22/16 00:13	1
2-Nitrophenol	ND		4.6	0.45	ug/L		03/18/16 08:46	03/22/16 00:13	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		03/18/16 08:46	03/22/16 00:13	1
3-Nitroaniline	ND		9.3	0.45	ug/L		03/18/16 08:46	03/22/16 00:13	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		03/18/16 08:46	03/22/16 00:13	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		03/18/16 08:46	03/22/16 00:13	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		03/18/16 08:46	03/22/16 00:13	1
4-Chloroaniline	ND		4.6	0.55	ug/L		03/18/16 08:46	03/22/16 00:13	1
4-Chlorophenyl phenyl ether	ND		4.6	0.33	ug/L		03/18/16 08:46	03/22/16 00:13	1
4-Methylphenol	ND		9.3	0.33	ug/L		03/18/16 08:46	03/22/16 00:13	1
4-Nitroaniline	ND		9.3	0.23	ug/L		03/18/16 08:46	03/22/16 00:13	1
4-Nitrophenol	ND		9.3	1.4	ug/L		03/18/16 08:46	03/22/16 00:13	1
Acenaphthene	33		4.6	0.38	ug/L		03/18/16 08:46	03/22/16 00:13	1
Acenaphthylene	0.64	J	4.6	0.35	ug/L		03/18/16 08:46	03/22/16 00:13	1
Acetophenone	ND		4.6	0.50	ug/L		03/18/16 08:46	03/22/16 00:13	1
Aniline	ND		9.3	0.57	ug/L		03/18/16 08:46	03/22/16 00:13	1
Anthracene	2.3	J	4.6	0.26	ug/L		03/18/16 08:46	03/22/16 00:13	1
Atrazine	ND		4.6	0.43	ug/L		03/18/16 08:46	03/22/16 00:13	1
Benzaldehyde	ND		4.6	0.25	ug/L		03/18/16 08:46	03/22/16 00:13	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		03/18/16 08:46	03/22/16 00:13	1
Benzo(a)pyrene	ND		4.6	0.44	ug/L		03/18/16 08:46	03/22/16 00:13	1
Benzo(b)fluoranthene	ND		4.6	0.32	ug/L		03/18/16 08:46	03/22/16 00:13	1
Benzo(g,h,i)perylene	ND		4.6	0.33	ug/L		03/18/16 08:46	03/22/16 00:13	1
Benzo(k)fluoranthene	ND		4.6	0.68	ug/L		03/18/16 08:46	03/22/16 00:13	1
Biphenyl	1.1	J	4.6	0.61	ug/L		03/18/16 08:46	03/22/16 00:13	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		03/18/16 08:46	03/22/16 00:13	1
Bis(2-chloroethoxy)methane	ND		4.6	0.33	ug/L		03/18/16 08:46	03/22/16 00:13	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		03/18/16 08:46	03/22/16 00:13	1
Bis(2-ethylhexyl) phthalate	ND		4.6	1.7	ug/L		03/18/16 08:46	03/22/16 00:13	1
Butyl benzyl phthalate	ND		4.6	0.39	ug/L		03/18/16 08:46	03/22/16 00:13	1
Caprolactam	ND		4.6	2.0	ug/L		03/18/16 08:46	03/22/16 00:13	1
Carbazole	2.7	J	4.6	0.28	ug/L		03/18/16 08:46	03/22/16 00:13	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E07_0316

Lab Sample ID: 480-96750-13

Date Collected: 03/16/16 14:10

Matrix: Ground Water

Date Received: 03/17/16 13:30

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		03/18/16 08:46	03/22/16 00:13	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		03/18/16 08:46	03/22/16 00:13	1
Dibenzofuran	8.3	J	9.3	0.47	ug/L		03/18/16 08:46	03/22/16 00:13	1
Diethyl phthalate	ND		4.6	0.20	ug/L		03/18/16 08:46	03/22/16 00:13	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		03/18/16 08:46	03/22/16 00:13	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		03/18/16 08:46	03/22/16 00:13	1
Di-n-octyl phthalate	ND		4.6	0.44	ug/L		03/18/16 08:46	03/22/16 00:13	1
Fluoranthene	3.0	J	4.6	0.37	ug/L		03/18/16 08:46	03/22/16 00:13	1
Fluorene	16		4.6	0.33	ug/L		03/18/16 08:46	03/22/16 00:13	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		03/18/16 08:46	03/22/16 00:13	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		03/18/16 08:46	03/22/16 00:13	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		03/18/16 08:46	03/22/16 00:13	1
Hexachloroethane	ND		4.6	0.55	ug/L		03/18/16 08:46	03/22/16 00:13	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.44	ug/L		03/18/16 08:46	03/22/16 00:13	1
Isophorone	ND		4.6	0.40	ug/L		03/18/16 08:46	03/22/16 00:13	1
Naphthalene	ND		4.6	0.71	ug/L		03/18/16 08:46	03/22/16 00:13	1
Nitrobenzene	ND		4.6	0.27	ug/L		03/18/16 08:46	03/22/16 00:13	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		03/18/16 08:46	03/22/16 00:13	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		03/18/16 08:46	03/22/16 00:13	1
Pentachlorophenol	ND		9.3	2.0	ug/L		03/18/16 08:46	03/22/16 00:13	1
Phenanthrene	3.4	J	4.6	0.41	ug/L		03/18/16 08:46	03/22/16 00:13	1
Phenol	ND		4.6	0.36	ug/L		03/18/16 08:46	03/22/16 00:13	1
Pyrene	1.8	J	4.6	0.32	ug/L		03/18/16 08:46	03/22/16 00:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	97		52 - 132	03/18/16 08:46	03/22/16 00:13	1
2-Fluorobiphenyl	65		48 - 120	03/18/16 08:46	03/22/16 00:13	1
2-Fluorophenol	47		20 - 120	03/18/16 08:46	03/22/16 00:13	1
Nitrobenzene-d5	68		46 - 120	03/18/16 08:46	03/22/16 00:13	1
Phenol-d5	30		16 - 120	03/18/16 08:46	03/22/16 00:13	1
p-Terphenyl-d14	66	X	67 - 150	03/18/16 08:46	03/22/16 00:13	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/21/16 07:35	03/21/16 17:10	1
Antimony	ND		0.020	0.0068	mg/L		03/21/16 07:35	03/21/16 17:10	1
Arsenic	0.18		0.015	0.0056	mg/L		03/21/16 07:35	03/21/16 17:10	1
Barium	0.012		0.0020	0.00070	mg/L		03/21/16 07:35	03/21/16 17:10	1
Beryllium	ND		0.0020	0.00030	mg/L		03/21/16 07:35	03/21/16 17:10	1
Cadmium	ND		0.0020	0.00050	mg/L		03/21/16 07:35	03/21/16 17:10	1
Calcium	159		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 17:10	1
Chromium	ND		0.0040	0.0010	mg/L		03/21/16 07:35	03/21/16 17:10	1
Cobalt	0.0036	J	0.0040	0.00063	mg/L		03/21/16 07:35	03/21/16 17:10	1
Copper	ND		0.010	0.0016	mg/L		03/21/16 07:35	03/21/16 17:10	1
Iron	73.4		0.050	0.019	mg/L		03/21/16 07:35	03/21/16 17:10	1
Lead	0.0079	J	0.010	0.0030	mg/L		03/21/16 07:35	03/21/16 17:10	1
Magnesium	16.3		0.20	0.043	mg/L		03/21/16 07:35	03/21/16 17:10	1
Manganese	0.30		0.0030	0.00040	mg/L		03/21/16 07:35	03/21/16 17:10	1
Nickel	0.0043	J	0.010	0.0013	mg/L		03/21/16 07:35	03/21/16 17:10	1
Potassium	9.0		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 17:10	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E07_0316

Lab Sample ID: 480-96750-13

Date Collected: 03/16/16 14:10

Matrix: Ground Water

Date Received: 03/17/16 13:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/21/16 07:35	03/21/16 17:10	1
Silver	ND		0.0060	0.0017	mg/L		03/21/16 07:35	03/21/16 17:10	1
Sodium	17.0		1.0	0.32	mg/L		03/21/16 07:35	03/21/16 17:10	1
Thallium	ND		0.020	0.010	mg/L		03/21/16 07:35	03/21/16 17:10	1
Vanadium	ND		0.0050	0.0015	mg/L		03/21/16 07:35	03/21/16 17:10	1
Zinc	0.075		0.010	0.0015	mg/L		03/21/16 07:35	03/21/16 17:10	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/22/16 09:35	03/22/16 14:29	1

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-32 D_0316

Lab Sample ID: 480-96750-14

Date Collected: 03/15/16 10:45

Matrix: Ground Water

Date Received: 03/17/16 13:30

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			03/21/16 17:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/21/16 17:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/21/16 17:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/21/16 17:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/21/16 17:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/21/16 17:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/21/16 17:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/21/16 17:46	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/21/16 17:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/21/16 17:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/21/16 17:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/21/16 17:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/21/16 17:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/21/16 17:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/21/16 17:46	1
2-Hexanone	ND		5.0	1.2	ug/L			03/21/16 17:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/21/16 17:46	1
Acetone	4.7	J	10	3.0	ug/L			03/21/16 17:46	1
Benzene	0.92	J	1.0	0.41	ug/L			03/21/16 17:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/21/16 17:46	1
Bromoform	ND		1.0	0.26	ug/L			03/21/16 17:46	1
Bromomethane	ND		1.0	0.69	ug/L			03/21/16 17:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/21/16 17:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/21/16 17:46	1
Chloroethane	ND		1.0	0.32	ug/L			03/21/16 17:46	1
Chloroform	ND		1.0	0.34	ug/L			03/21/16 17:46	1
Chloromethane	ND		1.0	0.35	ug/L			03/21/16 17:46	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/21/16 17:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/21/16 17:46	1
Cyclohexane	ND		1.0	0.18	ug/L			03/21/16 17:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/21/16 17:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/21/16 17:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/21/16 17:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/21/16 17:46	1
Methyl acetate	ND		2.5	1.3	ug/L			03/21/16 17:46	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/21/16 17:46	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/21/16 17:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/21/16 17:46	1
Styrene	ND		1.0	0.73	ug/L			03/21/16 17:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/21/16 17:46	1
Toluene	ND		1.0	0.51	ug/L			03/21/16 17:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/21/16 17:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/21/16 17:46	1
Trichloroethene	ND		1.0	0.46	ug/L			03/21/16 17:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/21/16 17:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/21/16 17:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/21/16 17:46	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-32 D_0316

Lab Sample ID: 480-96750-14

Date Collected: 03/15/16 10:45

Matrix: Ground Water

Date Received: 03/17/16 13:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		66 - 137		03/21/16 17:46	1
4-Bromofluorobenzene (Surr)	104		73 - 120		03/21/16 17:46	1
Toluene-d8 (Surr)	101		71 - 126		03/21/16 17:46	1
Dibromofluoromethane (Surr)	103		60 - 140		03/21/16 17:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	450		10	7.5	ug/L			03/22/16 01:59	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		03/22/16 01:59	10
4-Bromofluorobenzene (Surr)	101		73 - 120		03/22/16 01:59	10
Toluene-d8 (Surr)	101		71 - 126		03/22/16 01:59	10
Dibromofluoromethane (Surr)	103		60 - 140		03/22/16 01:59	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		47	4.5	ug/L		03/18/16 08:46	03/22/16 00:42	10
2,4,6-Trichlorophenol	ND		47	5.7	ug/L		03/18/16 08:46	03/22/16 00:42	10
2,4-Dichlorophenol	ND		47	4.8	ug/L		03/18/16 08:46	03/22/16 00:42	10
2,4-Dimethylphenol	ND		47	4.7	ug/L		03/18/16 08:46	03/22/16 00:42	10
2,4-Dinitrophenol	ND		93	21	ug/L		03/18/16 08:46	03/22/16 00:42	10
2,4-Dinitrotoluene	ND		47	4.2	ug/L		03/18/16 08:46	03/22/16 00:42	10
2,6-Dinitrotoluene	ND		47	3.7	ug/L		03/18/16 08:46	03/22/16 00:42	10
2-Chloronaphthalene	ND		47	4.3	ug/L		03/18/16 08:46	03/22/16 00:42	10
2-Chlorophenol	ND		47	5.0	ug/L		03/18/16 08:46	03/22/16 00:42	10
2-Methylnaphthalene	ND		47	5.6	ug/L		03/18/16 08:46	03/22/16 00:42	10
2-Methylphenol	ND		47	3.7	ug/L		03/18/16 08:46	03/22/16 00:42	10
2-Nitroaniline	ND		93	3.9	ug/L		03/18/16 08:46	03/22/16 00:42	10
2-Nitrophenol	ND		47	4.5	ug/L		03/18/16 08:46	03/22/16 00:42	10
3,3'-Dichlorobenzidine	ND		47	3.7	ug/L		03/18/16 08:46	03/22/16 00:42	10
3-Nitroaniline	ND		93	4.5	ug/L		03/18/16 08:46	03/22/16 00:42	10
4,6-Dinitro-2-methylphenol	ND		93	21	ug/L		03/18/16 08:46	03/22/16 00:42	10
4-Bromophenyl phenyl ether	ND		47	4.2	ug/L		03/18/16 08:46	03/22/16 00:42	10
4-Chloro-3-methylphenol	ND		47	4.2	ug/L		03/18/16 08:46	03/22/16 00:42	10
4-Chloroaniline	ND		47	5.5	ug/L		03/18/16 08:46	03/22/16 00:42	10
4-Chlorophenyl phenyl ether	ND		47	3.3	ug/L		03/18/16 08:46	03/22/16 00:42	10
4-Methylphenol	ND		93	3.4	ug/L		03/18/16 08:46	03/22/16 00:42	10
4-Nitroaniline	ND		93	2.3	ug/L		03/18/16 08:46	03/22/16 00:42	10
4-Nitrophenol	ND		93	14	ug/L		03/18/16 08:46	03/22/16 00:42	10
Acenaphthene	ND		47	3.8	ug/L		03/18/16 08:46	03/22/16 00:42	10
Acenaphthylene	ND		47	3.6	ug/L		03/18/16 08:46	03/22/16 00:42	10
Acetophenone	ND		47	5.0	ug/L		03/18/16 08:46	03/22/16 00:42	10
Aniline	ND		93	5.7	ug/L		03/18/16 08:46	03/22/16 00:42	10
Anthracene	ND		47	2.6	ug/L		03/18/16 08:46	03/22/16 00:42	10
Atrazine	ND		47	4.3	ug/L		03/18/16 08:46	03/22/16 00:42	10
Benzaldehyde	ND		47	2.5	ug/L		03/18/16 08:46	03/22/16 00:42	10
Benzo(a)anthracene	ND		47	3.4	ug/L		03/18/16 08:46	03/22/16 00:42	10
Benzo(a)pyrene	ND		47	4.4	ug/L		03/18/16 08:46	03/22/16 00:42	10
Benzo(b)fluoranthene	ND		47	3.2	ug/L		03/18/16 08:46	03/22/16 00:42	10
Benzo(g,h,i)perylene	ND		47	3.3	ug/L		03/18/16 08:46	03/22/16 00:42	10

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-32 D_0316

Lab Sample ID: 480-96750-14

Date Collected: 03/15/16 10:45

Matrix: Ground Water

Date Received: 03/17/16 13:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		47	6.8	ug/L		03/18/16 08:46	03/22/16 00:42	10
Biphenyl	ND		47	6.1	ug/L		03/18/16 08:46	03/22/16 00:42	10
bis (2-chloroisopropyl) ether	ND		47	4.9	ug/L		03/18/16 08:46	03/22/16 00:42	10
Bis(2-chloroethoxy)methane	ND		47	3.3	ug/L		03/18/16 08:46	03/22/16 00:42	10
Bis(2-chloroethyl)ether	ND		47	3.7	ug/L		03/18/16 08:46	03/22/16 00:42	10
Bis(2-ethylhexyl) phthalate	ND		47	17	ug/L		03/18/16 08:46	03/22/16 00:42	10
Butyl benzyl phthalate	ND		47	3.9	ug/L		03/18/16 08:46	03/22/16 00:42	10
Caprolactam	ND		47	21	ug/L		03/18/16 08:46	03/22/16 00:42	10
Carbazole	ND		47	2.8	ug/L		03/18/16 08:46	03/22/16 00:42	10
Chrysene	ND		47	3.1	ug/L		03/18/16 08:46	03/22/16 00:42	10
Dibenz(a,h)anthracene	ND		47	3.9	ug/L		03/18/16 08:46	03/22/16 00:42	10
Dibenzofuran	ND		93	4.8	ug/L		03/18/16 08:46	03/22/16 00:42	10
Diethyl phthalate	ND		47	2.1	ug/L		03/18/16 08:46	03/22/16 00:42	10
Dimethyl phthalate	ND		47	3.4	ug/L		03/18/16 08:46	03/22/16 00:42	10
Di-n-butyl phthalate	ND		47	2.9	ug/L		03/18/16 08:46	03/22/16 00:42	10
Di-n-octyl phthalate	ND		47	4.4	ug/L		03/18/16 08:46	03/22/16 00:42	10
Fluoranthene	ND		47	3.7	ug/L		03/18/16 08:46	03/22/16 00:42	10
Fluorene	ND		47	3.4	ug/L		03/18/16 08:46	03/22/16 00:42	10
Hexachlorobenzene	ND		47	4.8	ug/L		03/18/16 08:46	03/22/16 00:42	10
Hexachlorobutadiene	ND		47	6.4	ug/L		03/18/16 08:46	03/22/16 00:42	10
Hexachlorocyclopentadiene	ND		47	5.5	ug/L		03/18/16 08:46	03/22/16 00:42	10
Hexachloroethane	ND		47	5.5	ug/L		03/18/16 08:46	03/22/16 00:42	10
Indeno(1,2,3-cd)pyrene	ND		47	4.4	ug/L		03/18/16 08:46	03/22/16 00:42	10
Isophorone	ND		47	4.0	ug/L		03/18/16 08:46	03/22/16 00:42	10
Naphthalene	ND		47	7.1	ug/L		03/18/16 08:46	03/22/16 00:42	10
Nitrobenzene	ND		47	2.7	ug/L		03/18/16 08:46	03/22/16 00:42	10
N-Nitrosodi-n-propylamine	ND		47	5.0	ug/L		03/18/16 08:46	03/22/16 00:42	10
N-Nitrosodiphenylamine	ND		47	4.8	ug/L		03/18/16 08:46	03/22/16 00:42	10
Pentachlorophenol	ND		93	21	ug/L		03/18/16 08:46	03/22/16 00:42	10
Phenanthrene	ND		47	4.1	ug/L		03/18/16 08:46	03/22/16 00:42	10
Phenol	ND		47	3.6	ug/L		03/18/16 08:46	03/22/16 00:42	10
Pyrene	ND		47	3.2	ug/L		03/18/16 08:46	03/22/16 00:42	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	89		52 - 132	03/18/16 08:46	03/22/16 00:42	10
2-Fluorobiphenyl	77		48 - 120	03/18/16 08:46	03/22/16 00:42	10
2-Fluorophenol	51		20 - 120	03/18/16 08:46	03/22/16 00:42	10
Nitrobenzene-d5	78		46 - 120	03/18/16 08:46	03/22/16 00:42	10
Phenol-d5	35		16 - 120	03/18/16 08:46	03/22/16 00:42	10
p-Terphenyl-d14	59	X	67 - 150	03/18/16 08:46	03/22/16 00:42	10

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/21/16 07:35	03/21/16 17:23	1
Antimony	ND		0.020	0.0068	mg/L		03/21/16 07:35	03/21/16 17:23	1
Arsenic	0.0058	J	0.015	0.0056	mg/L		03/21/16 07:35	03/21/16 17:23	1
Barium	0.028		0.0020	0.00070	mg/L		03/21/16 07:35	03/21/16 17:23	1
Beryllium	ND		0.0020	0.00030	mg/L		03/21/16 07:35	03/21/16 17:23	1
Cadmium	ND		0.0020	0.00050	mg/L		03/21/16 07:35	03/21/16 17:23	1
Calcium	347		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 17:23	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-32 D_0316

Lab Sample ID: 480-96750-14

Date Collected: 03/15/16 10:45

Matrix: Ground Water

Date Received: 03/17/16 13:30

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	—	03/21/16 07:35	03/21/16 17:23	1
Cobalt	0.0022	J	0.0040	0.00063	mg/L	—	03/21/16 07:35	03/21/16 17:23	1
Copper	ND		0.010	0.0016	mg/L	—	03/21/16 07:35	03/21/16 17:23	1
Iron	1.9		0.050	0.019	mg/L	—	03/21/16 07:35	03/21/16 17:23	1
Lead	0.0054	J	0.010	0.0030	mg/L	—	03/21/16 07:35	03/21/16 17:23	1
Magnesium	141		0.20	0.043	mg/L	—	03/21/16 07:35	03/21/16 17:23	1
Manganese	1.5		0.0030	0.00040	mg/L	—	03/21/16 07:35	03/21/16 17:23	1
Nickel	0.0073	J	0.010	0.0013	mg/L	—	03/21/16 07:35	03/21/16 17:23	1
Potassium	2.2		0.50	0.10	mg/L	—	03/21/16 07:35	03/21/16 17:23	1
Selenium	ND		0.025	0.0087	mg/L	—	03/21/16 07:35	03/21/16 17:23	1
Silver	ND		0.0060	0.0017	mg/L	—	03/21/16 07:35	03/21/16 17:23	1
Sodium	89.2		1.0	0.32	mg/L	—	03/21/16 07:35	03/21/16 17:23	1
Thallium	ND		0.020	0.010	mg/L	—	03/21/16 07:35	03/21/16 17:23	1
Vanadium	ND		0.0050	0.0015	mg/L	—	03/21/16 07:35	03/21/16 17:23	1
Zinc	0.0025	J	0.010	0.0015	mg/L	—	03/21/16 07:35	03/21/16 17:23	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L	—	03/22/16 09:35	03/22/16 14:30	1

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-96750-17

Date Collected: 03/15/16 00:00

Matrix: Water

Date Received: 03/17/16 13:30

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			03/22/16 02:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/22/16 02:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/22/16 02:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/22/16 02:23	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/22/16 02:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/22/16 02:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/22/16 02:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/22/16 02:23	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/22/16 02:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/22/16 02:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/22/16 02:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/22/16 02:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/22/16 02:23	1
1,4-Dichlorobenzene	0.94	J	1.0	0.84	ug/L			03/22/16 02:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/22/16 02:23	1
2-Hexanone	ND		5.0	1.2	ug/L			03/22/16 02:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/22/16 02:23	1
Acetone	ND		10	3.0	ug/L			03/22/16 02:23	1
Benzene	ND		1.0	0.41	ug/L			03/22/16 02:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/22/16 02:23	1
Bromoform	ND		1.0	0.26	ug/L			03/22/16 02:23	1
Bromomethane	ND		1.0	0.69	ug/L			03/22/16 02:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/22/16 02:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/22/16 02:23	1
Chlorobenzene	5.5		1.0	0.75	ug/L			03/22/16 02:23	1
Chloroethane	ND		1.0	0.32	ug/L			03/22/16 02:23	1
Chloroform	ND		1.0	0.34	ug/L			03/22/16 02:23	1
Chloromethane	ND		1.0	0.35	ug/L			03/22/16 02:23	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/22/16 02:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/22/16 02:23	1
Cyclohexane	ND		1.0	0.18	ug/L			03/22/16 02:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/22/16 02:23	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/22/16 02:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/22/16 02:23	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/22/16 02:23	1
Methyl acetate	ND		2.5	1.3	ug/L			03/22/16 02:23	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/22/16 02:23	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/22/16 02:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/22/16 02:23	1
Styrene	ND		1.0	0.73	ug/L			03/22/16 02:23	1
Tetrachloroethene	0.55	J	1.0	0.36	ug/L			03/22/16 02:23	1
Toluene	ND		1.0	0.51	ug/L			03/22/16 02:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/22/16 02:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/22/16 02:23	1
Trichloroethene	ND		1.0	0.46	ug/L			03/22/16 02:23	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/22/16 02:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/22/16 02:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/22/16 02:23	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: TRIP BLANK

Date Collected: 03/15/16 00:00

Date Received: 03/17/16 13:30

Lab Sample ID: 480-96750-17

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		03/22/16 02:23	1
4-Bromofluorobenzene (Surr)	100		73 - 120		03/22/16 02:23	1
Toluene-d8 (Surr)	101		71 - 126		03/22/16 02:23	1
Dibromofluoromethane (Surr)	104		60 - 140		03/22/16 02:23	1

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E06F_0316

Lab Sample ID: 480-96750-18

Date Collected: 03/16/16 13:10

Matrix: Water

Date Received: 03/17/16 13:30

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/21/16 07:35	03/21/16 17:26	1
Antimony	ND		0.020	0.0068	mg/L		03/21/16 07:35	03/21/16 17:26	1
Arsenic	0.019		0.015	0.0056	mg/L		03/21/16 07:35	03/21/16 17:26	1
Barium	0.020		0.0020	0.00070	mg/L		03/21/16 07:35	03/21/16 17:26	1
Beryllium	ND		0.0020	0.00030	mg/L		03/21/16 07:35	03/21/16 17:26	1
Cadmium	ND		0.0020	0.00050	mg/L		03/21/16 07:35	03/21/16 17:26	1
Calcium	271		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 17:26	1
Chromium	0.0011	J	0.0040	0.0010	mg/L		03/21/16 07:35	03/21/16 17:26	1
Cobalt	0.013		0.0040	0.00063	mg/L		03/21/16 07:35	03/21/16 17:26	1
Copper	ND		0.010	0.0016	mg/L		03/21/16 07:35	03/21/16 17:26	1
Iron	78.3		0.050	0.019	mg/L		03/21/16 07:35	03/21/16 17:26	1
Lead	0.0069	J	0.010	0.0030	mg/L		03/21/16 07:35	03/21/16 17:26	1
Magnesium	18.0		0.20	0.043	mg/L		03/21/16 07:35	03/21/16 17:26	1
Manganese	1.1		0.0030	0.00040	mg/L		03/21/16 07:35	03/21/16 17:26	1
Nickel	0.016		0.010	0.0013	mg/L		03/21/16 07:35	03/21/16 17:26	1
Potassium	4.2		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 17:26	1
Selenium	ND		0.025	0.0087	mg/L		03/21/16 07:35	03/21/16 17:26	1
Silver	ND		0.0060	0.0017	mg/L		03/21/16 07:35	03/21/16 17:26	1
Sodium	33.3		1.0	0.32	mg/L		03/21/16 07:35	03/21/16 17:26	1
Thallium	ND		0.020	0.010	mg/L		03/21/16 07:35	03/21/16 17:26	1
Vanadium	ND		0.0050	0.0015	mg/L		03/21/16 07:35	03/21/16 17:26	1
Zinc	1.2		0.010	0.0015	mg/L		03/21/16 07:35	03/21/16 17:26	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/22/16 09:35	03/22/16 14:32	1

Client Sample Results

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E07F_0316

Lab Sample ID: 480-96750-19

Date Collected: 03/16/16 14:20

Matrix: Water

Date Received: 03/17/16 13:30

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/21/16 07:35	03/21/16 17:29	1
Antimony	ND		0.020	0.0068	mg/L		03/21/16 07:35	03/21/16 17:29	1
Arsenic	0.043		0.015	0.0056	mg/L		03/21/16 07:35	03/21/16 17:29	1
Barium	0.011		0.0020	0.00070	mg/L		03/21/16 07:35	03/21/16 17:29	1
Beryllium	ND		0.0020	0.00030	mg/L		03/21/16 07:35	03/21/16 17:29	1
Cadmium	ND		0.0020	0.00050	mg/L		03/21/16 07:35	03/21/16 17:29	1
Calcium	155		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 17:29	1
Chromium	ND		0.0040	0.0010	mg/L		03/21/16 07:35	03/21/16 17:29	1
Cobalt	0.0041		0.0040	0.00063	mg/L		03/21/16 07:35	03/21/16 17:29	1
Copper	ND		0.010	0.0016	mg/L		03/21/16 07:35	03/21/16 17:29	1
Iron	51.0		0.050	0.019	mg/L		03/21/16 07:35	03/21/16 17:29	1
Lead	0.0064	J	0.010	0.0030	mg/L		03/21/16 07:35	03/21/16 17:29	1
Magnesium	16.0		0.20	0.043	mg/L		03/21/16 07:35	03/21/16 17:29	1
Manganese	0.29		0.0030	0.00040	mg/L		03/21/16 07:35	03/21/16 17:29	1
Nickel	0.0042	J	0.010	0.0013	mg/L		03/21/16 07:35	03/21/16 17:29	1
Potassium	8.7		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 17:29	1
Selenium	ND		0.025	0.0087	mg/L		03/21/16 07:35	03/21/16 17:29	1
Silver	ND		0.0060	0.0017	mg/L		03/21/16 07:35	03/21/16 17:29	1
Sodium	16.6		1.0	0.32	mg/L		03/21/16 07:35	03/21/16 17:29	1
Thallium	ND		0.020	0.010	mg/L		03/21/16 07:35	03/21/16 17:29	1
Vanadium	ND		0.0050	0.0015	mg/L		03/21/16 07:35	03/21/16 17:29	1
Zinc	0.072		0.010	0.0015	mg/L		03/21/16 07:35	03/21/16 17:29	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/22/16 09:35	03/22/16 14:34	1

Surrogate Summary

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

TestAmerica Job ID: 480-96750-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (66-137)	BFB (73-120)	TOL (71-126)	DBFM (60-140)
480-96750-1	BCC Area E R-10_0316	104	102	100	102
480-96750-2	BCC Area E R-11_0316	105	104	102	105
480-96750-3	BCC Area E RFI-17_0316	107	100	99	105
480-96750-4	BCC Area E RFI-29_0316	104	102	101	104
480-96750-5	BCC Area E RFI-32_0316	101	99	100	101
480-96750-5 MS	BCC Area E RFI-32 MS_0316	105	106	104	104
480-96750-5 MSD	BCC Area E RFI-32 MSD_0316	102	105	103	103
480-96750-6	BCC Area E RFI-33_0316	102	102	101	100
480-96750-7	BCC Area E RFI-51_0316	101	100	100	103
480-96750-8	BCC Area E RFI-PZ-16_0316	103	98	99	104
480-96750-9	BCC Area E MW-E03_0316	103	101	101	102
480-96750-10	BCC Area E MW-E04_0316	104	101	99	101
480-96750-11	BCC Area E MW-E05_0316	102	100	101	100
480-96750-12	BCC Area E MW-E06_0316	105	101	101	102
480-96750-13	BCC Area E MW-E07_0316	103	102	101	102
480-96750-14	BCC Area E RFI-32 D_0316	103	104	101	103
480-96750-14 - DL	BCC Area E RFI-32 D_0316	104	101	101	103

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (66-137)	BFB (73-120)	TOL (71-126)	DBFM (60-140)
480-96750-17	TRIP BLANK	104	100	101	104
LCS 480-291938/5	Lab Control Sample	103	105	102	103
LCS 480-292061/5	Lab Control Sample	103	103	103	104
MB 480-291938/7	Method Blank	104	103	101	103
MB 480-292061/7	Method Blank	101	102	101	103

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-96750-1	BCC Area E R-10_0316	109	71	46	73	32	76
480-96750-1 MS	BCC Area E R-10_0316	106	78	75	82	63	84

TestAmerica Buffalo

Surrogate Summary

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

TestAmerica Job ID: 480-96750-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-96750-1 MSD	BCC Area E R-10_0316	113	80	79	86	68	86
480-96750-2	BCC Area E R-11_0316	100	69	47	72	31	64 X
480-96750-3	BCC Area E RFI-17_0316	100	66	44	69	29	84
480-96750-4	BCC Area E RFI-29_0316	108	69	45	75	30	84
480-96750-5	BCC Area E RFI-32_0316	106	65	47	61	30	61 X
480-96750-5 MS	BCC Area E RFI-32 MS_0316	102	77	57	72	38	83
480-96750-5 MSD	BCC Area E RFI-32 MSD_0316	106	79	58	74	41	86
480-96750-6	BCC Area E RFI-33_0316	106	65	46	68	30	77
480-96750-7	BCC Area E RFI-51_0316	102	60	42	64	27	69
480-96750-8	BCC Area E RFI-PZ-16_0316	107	75	51	77	33	74
480-96750-9	BCC Area E MW-E03_0316	103	71	50	74	33	73
480-96750-10	BCC Area E MW-E04_0316	95	87	53	85	35	69
480-96750-10 - DL	BCC Area E MW-E04_0316	0 X	95	51	95	0 X	0 X
480-96750-11	BCC Area E MW-E05_0316	100	77	53	78	34	80
480-96750-12	BCC Area E MW-E06_0316	106	75	50	77	33	73
480-96750-13	BCC Area E MW-E07_0316	97	65	47	68	30	66 X
480-96750-14	BCC Area E RFI-32 D_0316	89	77	51	78	35	59 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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
LCS 480-291693/2-A	Lab Control Sample	104	75	63	83	45	89
MB 480-291693/1-A	Method Blank	80	66	46	70	30	87

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPH = p-Terphenyl-d14

QC Sample Results

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

TestAmerica Job ID: 480-96750-1

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

Lab Sample ID: MB 480-291938/7

Matrix: Water

Analysis Batch: 291938

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			03/21/16 10:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/21/16 10:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/21/16 10:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/21/16 10:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/21/16 10:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/21/16 10:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/21/16 10:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/21/16 10:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/21/16 10:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/21/16 10:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/21/16 10:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/21/16 10:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/21/16 10:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/21/16 10:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/21/16 10:53	1
2-Hexanone	ND		5.0	1.2	ug/L			03/21/16 10:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/21/16 10:53	1
Acetone	ND		10	3.0	ug/L			03/21/16 10:53	1
Benzene	ND		1.0	0.41	ug/L			03/21/16 10:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/21/16 10:53	1
Bromoform	ND		1.0	0.26	ug/L			03/21/16 10:53	1
Bromomethane	ND		1.0	0.69	ug/L			03/21/16 10:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/21/16 10:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/21/16 10:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/21/16 10:53	1
Chloroethane	ND		1.0	0.32	ug/L			03/21/16 10:53	1
Chloroform	ND		1.0	0.34	ug/L			03/21/16 10:53	1
Chloromethane	ND		1.0	0.35	ug/L			03/21/16 10:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/21/16 10:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/21/16 10:53	1
Cyclohexane	ND		1.0	0.18	ug/L			03/21/16 10:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/21/16 10:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/21/16 10:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/21/16 10:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/21/16 10:53	1
Methyl acetate	ND		2.5	1.3	ug/L			03/21/16 10:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/21/16 10:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/21/16 10:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/21/16 10:53	1
Styrene	ND		1.0	0.73	ug/L			03/21/16 10:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/21/16 10:53	1
Toluene	ND		1.0	0.51	ug/L			03/21/16 10:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/21/16 10:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/21/16 10:53	1
Trichloroethene	ND		1.0	0.46	ug/L			03/21/16 10:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/21/16 10:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/21/16 10:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/21/16 10:53	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96750-1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		03/21/16 10:53	1
4-Bromofluorobenzene (Surr)	103		73 - 120		03/21/16 10:53	1
Toluene-d8 (Surr)	101		71 - 126		03/21/16 10:53	1
Dibromofluoromethane (Surr)	103		60 - 140		03/21/16 10:53	1

Lab Sample ID: LCS 480-291938/5

Matrix: Water

Analysis Batch: 291938

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	25.5		ug/L		102	73 - 126
1,1,2,2-Tetrachloroethane	25.0	26.6		ug/L		106	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.1		ug/L		88	52 - 148
1,1,2-Trichloroethane	25.0	25.9		ug/L		103	76 - 122
1,1-Dichloroethane	25.0	23.1		ug/L		92	71 - 129
1,1-Dichloroethene	25.0	22.3		ug/L		89	58 - 121
1,2,4-Trichlorobenzene	25.0	25.2		ug/L		101	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	28.7		ug/L		115	56 - 134
1,2-Dibromoethane	25.0	27.0		ug/L		108	77 - 120
1,2-Dichlorobenzene	25.0	24.2		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	23.3		ug/L		93	75 - 127
1,2-Dichloropropane	25.0	24.9		ug/L		100	76 - 120
1,3-Dichlorobenzene	25.0	23.5		ug/L		94	77 - 120
1,4-Dichlorobenzene	25.0	23.2		ug/L		93	75 - 120
2-Butanone (MEK)	125	143		ug/L		114	57 - 140
2-Hexanone	125	128		ug/L		102	65 - 127
4-Methyl-2-pentanone (MIBK)	125	131		ug/L		105	71 - 125
Acetone	125	160		ug/L		128	56 - 142
Benzene	25.0	23.7		ug/L		95	71 - 124
Bromodichloromethane	25.0	28.0		ug/L		112	80 - 122
Bromoform	25.0	29.0		ug/L		116	52 - 132
Bromomethane	25.0	21.1		ug/L		84	55 - 144
Carbon disulfide	25.0	22.3		ug/L		89	59 - 134
Carbon tetrachloride	25.0	32.1		ug/L		128	72 - 134
Chlorobenzene	25.0	23.7		ug/L		95	72 - 120
Chloroethane	25.0	22.2		ug/L		89	69 - 136
Chloroform	25.0	22.7		ug/L		91	73 - 127
Chloromethane	25.0	22.1		ug/L		88	68 - 124
cis-1,2-Dichloroethene	25.0	24.1		ug/L		96	74 - 124
cis-1,3-Dichloropropene	25.0	28.6		ug/L		114	74 - 124
Cyclohexane	25.0	21.6		ug/L		86	59 - 135
Dibromochloromethane	25.0	27.4		ug/L		109	75 - 125
Dichlorodifluoromethane	25.0	22.9		ug/L		91	59 - 135
Ethylbenzene	25.0	23.5		ug/L		94	77 - 123
Isopropylbenzene	25.0	23.2		ug/L		93	77 - 122
Methyl acetate	125	134		ug/L		107	74 - 133
Methyl tert-butyl ether	25.0	24.8		ug/L		99	64 - 127
Methylcyclohexane	25.0	22.1		ug/L		88	61 - 138
Methylene Chloride	25.0	24.5		ug/L		98	57 - 132
Styrene	25.0	25.0		ug/L		100	70 - 130
Tetrachloroethene	25.0	22.6		ug/L		90	74 - 122
Toluene	25.0	23.2		ug/L		93	80 - 122
trans-1,2-Dichloroethene	25.0	23.1		ug/L		92	73 - 127

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96750-1

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

Lab Sample ID: LCS 480-291938/5

Matrix: Water

Analysis Batch: 291938

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	29.5		ug/L		118	72 - 123
Trichloroethene	25.0	22.9		ug/L		92	74 - 123
Trichlorofluoromethane	25.0	23.5		ug/L		94	62 - 152
Vinyl chloride	25.0	21.5		ug/L		86	65 - 133
Xylenes, Total	50.0	48.1		ug/L		96	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		66 - 137
4-Bromofluorobenzene (Surr)	105		73 - 120
Toluene-d8 (Surr)	102		71 - 126
Dibromofluoromethane (Surr)	103		60 - 140

Lab Sample ID: MB 480-292061/7

Matrix: Water

Analysis Batch: 292061

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			03/21/16 22:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/21/16 22:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/21/16 22:04	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/21/16 22:04	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/21/16 22:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/21/16 22:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/21/16 22:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/21/16 22:04	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/21/16 22:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/21/16 22:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/21/16 22:04	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/21/16 22:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/21/16 22:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/21/16 22:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/21/16 22:04	1
2-Hexanone	ND		5.0	1.2	ug/L			03/21/16 22:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/21/16 22:04	1
Acetone	ND		10	3.0	ug/L			03/21/16 22:04	1
Benzene	ND		1.0	0.41	ug/L			03/21/16 22:04	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/21/16 22:04	1
Bromoform	ND		1.0	0.26	ug/L			03/21/16 22:04	1
Bromomethane	ND		1.0	0.69	ug/L			03/21/16 22:04	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/21/16 22:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/21/16 22:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/21/16 22:04	1
Chloroethane	ND		1.0	0.32	ug/L			03/21/16 22:04	1
Chloroform	ND		1.0	0.34	ug/L			03/21/16 22:04	1
Chloromethane	ND		1.0	0.35	ug/L			03/21/16 22:04	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/21/16 22:04	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/21/16 22:04	1
Cyclohexane	ND		1.0	0.18	ug/L			03/21/16 22:04	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96750-1

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

Lab Sample ID: MB 480-292061/7

Matrix: Water

Analysis Batch: 292061

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			03/21/16 22:04	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/21/16 22:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/21/16 22:04	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/21/16 22:04	1
Methyl acetate	ND		2.5	1.3	ug/L			03/21/16 22:04	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/21/16 22:04	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/21/16 22:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/21/16 22:04	1
Styrene	ND		1.0	0.73	ug/L			03/21/16 22:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/21/16 22:04	1
Toluene	ND		1.0	0.51	ug/L			03/21/16 22:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/21/16 22:04	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/21/16 22:04	1
Trichloroethene	ND		1.0	0.46	ug/L			03/21/16 22:04	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/21/16 22:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/21/16 22:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/21/16 22:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		03/21/16 22:04	1
4-Bromofluorobenzene (Surr)	102		73 - 120		03/21/16 22:04	1
Toluene-d8 (Surr)	101		71 - 126		03/21/16 22:04	1
Dibromofluoromethane (Surr)	103		60 - 140		03/21/16 22:04	1

Lab Sample ID: LCS 480-292061/5

Matrix: Water

Analysis Batch: 292061

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	22.3		ug/L		89	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.3		ug/L		89	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	21.7		ug/L		87	76 - 122
1,1-Dichloroethane	25.0	20.3		ug/L		81	71 - 129
1,1-Dichloroethene	25.0	20.1		ug/L		80	58 - 121
1,2,4-Trichlorobenzene	25.0	22.0		ug/L		88	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.6		ug/L		95	56 - 134
1,2-Dibromoethane	25.0	22.6		ug/L		90	77 - 120
1,2-Dichlorobenzene	25.0	21.1		ug/L		84	80 - 124
1,2-Dichloroethane	25.0	20.0		ug/L		80	75 - 127
1,2-Dichloropropane	25.0	21.5		ug/L		86	76 - 120
1,3-Dichlorobenzene	25.0	20.6		ug/L		82	77 - 120
1,4-Dichlorobenzene	25.0	20.1		ug/L		80	75 - 120
2-Butanone (MEK)	125	118		ug/L		94	57 - 140
2-Hexanone	125	103		ug/L		82	65 - 127
4-Methyl-2-pentanone (MIBK)	125	108		ug/L		86	71 - 125
Acetone	125	140		ug/L		112	56 - 142

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96750-1

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

Lab Sample ID: LCS 480-292061/5

Matrix: Water

Analysis Batch: 292061

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	20.7		ug/L		83	71 - 124
Bromodichloromethane	25.0	22.9		ug/L		92	80 - 122
Bromoform	25.0	22.5		ug/L		90	52 - 132
Bromomethane	25.0	19.6		ug/L		79	55 - 144
Carbon disulfide	25.0	20.0		ug/L		80	59 - 134
Carbon tetrachloride	25.0	27.6		ug/L		111	72 - 134
Chlorobenzene	25.0	20.8		ug/L		83	72 - 120
Chloroethane	25.0	20.6		ug/L		82	69 - 136
Chloroform	25.0	19.8		ug/L		79	73 - 127
Chloromethane	25.0	21.1		ug/L		84	68 - 124
cis-1,2-Dichloroethene	25.0	21.0		ug/L		84	74 - 124
cis-1,3-Dichloropropene	25.0	23.7		ug/L		95	74 - 124
Cyclohexane	25.0	19.4		ug/L		78	59 - 135
Dibromochloromethane	25.0	22.3		ug/L		89	75 - 125
Dichlorodifluoromethane	25.0	22.5		ug/L		90	59 - 135
Ethylbenzene	25.0	20.5		ug/L		82	77 - 123
Isopropylbenzene	25.0	20.7		ug/L		83	77 - 122
Methyl acetate	125	110		ug/L		88	74 - 133
Methyl tert-butyl ether	25.0	21.5		ug/L		86	64 - 127
Methylcyclohexane	25.0	20.1		ug/L		80	61 - 138
Methylene Chloride	25.0	21.9		ug/L		88	57 - 132
Styrene	25.0	21.6		ug/L		86	70 - 130
Tetrachloroethene	25.0	20.0		ug/L		80	74 - 122
Toluene	25.0	20.5		ug/L		82	80 - 122
trans-1,2-Dichloroethene	25.0	20.8		ug/L		83	73 - 127
trans-1,3-Dichloropropene	25.0	25.0		ug/L		100	72 - 123
Trichloroethene	25.0	20.2		ug/L		81	74 - 123
Trichlorofluoromethane	25.0	22.2		ug/L		89	62 - 152
Vinyl chloride	25.0	20.7		ug/L		83	65 - 133
Xylenes, Total	50.0	41.9		ug/L		84	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		66 - 137
4-Bromofluorobenzene (Surr)	103		73 - 120
Toluene-d8 (Surr)	103		71 - 126
Dibromofluoromethane (Surr)	104		60 - 140

Lab Sample ID: 480-96750-5 MS

Matrix: Ground Water

Analysis Batch: 292061

Client Sample ID: BCC Area E RFI-32 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		500	559		ug/L		112	73 - 126
1,1,2,2-Tetrachloroethane	ND		500	572		ug/L		114	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	502		ug/L		100	52 - 148
1,1,2-Trichloroethane	ND		500	543		ug/L		109	76 - 122
1,1-Dichloroethane	ND		500	505		ug/L		101	71 - 129

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96750-1

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

Lab Sample ID: 480-96750-5 MS

Matrix: Ground Water

Analysis Batch: 292061

Client Sample ID: BCC Area E RFI-32 MS_0316

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	ND		500	506		ug/L		101	58 - 121
1,2,4-Trichlorobenzene	ND		500	493		ug/L		99	70 - 122
1,2-Dibromo-3-Chloropropane	ND		500	562		ug/L		112	56 - 134
1,2-Dibromoethane	ND		500	569		ug/L		114	77 - 120
1,2-Dichlorobenzene	ND		500	515		ug/L		103	80 - 124
1,2-Dichloroethane	ND		500	496		ug/L		99	75 - 127
1,2-Dichloropropane	ND		500	541		ug/L		108	76 - 120
1,3-Dichlorobenzene	ND		500	501		ug/L		100	77 - 120
1,4-Dichlorobenzene	ND		500	490		ug/L		98	75 - 120
2-Butanone (MEK)	ND		2500	3030		ug/L		121	57 - 140
2-Hexanone	ND		2500	2750		ug/L		110	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		2500	2790		ug/L		112	71 - 125
Acetone	ND	F1	2500	3540		ug/L		141	56 - 142
Benzene	ND		500	517		ug/L		103	71 - 124
Bromodichloromethane	ND		500	572		ug/L		114	80 - 122
Bromoform	ND		500	542		ug/L		108	52 - 132
Bromomethane	ND		500	498		ug/L		100	55 - 144
Carbon disulfide	ND		500	505		ug/L		101	59 - 134
Carbon tetrachloride	ND	F1	500	697	F1	ug/L		139	72 - 134
Chlorobenzene	470		500	988		ug/L		104	72 - 120
Chloroethane	ND		500	517		ug/L		103	69 - 136
Chloroform	ND		500	499		ug/L		100	73 - 127
Chloromethane	ND		500	490		ug/L		98	68 - 124
cis-1,2-Dichloroethene	ND		500	525		ug/L		105	74 - 124
cis-1,3-Dichloropropene	ND		500	561		ug/L		112	74 - 124
Cyclohexane	ND		500	490		ug/L		98	59 - 135
Dibromochloromethane	ND		500	545		ug/L		109	75 - 125
Dichlorodifluoromethane	ND		500	537		ug/L		107	59 - 135
Ethylbenzene	ND		500	521		ug/L		104	77 - 123
Isopropylbenzene	ND		500	515		ug/L		103	77 - 122
Methyl acetate	ND		2500	2860		ug/L		114	74 - 133
Methyl tert-butyl ether	ND		500	532		ug/L		106	64 - 127
Methylcyclohexane	ND		500	497		ug/L		99	61 - 138
Methylene Chloride	ND		500	545		ug/L		109	57 - 132
Styrene	ND		500	540		ug/L		108	70 - 130
Tetrachloroethene	ND		500	492		ug/L		98	74 - 122
Toluene	ND		500	514		ug/L		103	80 - 122
trans-1,2-Dichloroethene	ND		500	516		ug/L		103	73 - 127
trans-1,3-Dichloropropene	ND		500	584		ug/L		117	72 - 123
Trichloroethene	ND		500	495		ug/L		99	74 - 123
Trichlorofluoromethane	ND		500	567		ug/L		113	62 - 152
Vinyl chloride	ND		500	486		ug/L		97	65 - 133
Xylenes, Total	ND		1000	1060		ug/L		106	76 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		66 - 137
4-Bromofluorobenzene (Surr)	106		73 - 120
Toluene-d8 (Surr)	104		71 - 126

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96750-1

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

Lab Sample ID: 480-96750-5 MS

Matrix: Ground Water

Analysis Batch: 292061

Client Sample ID: BCC Area E RFI-32 MS_0316

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	104		60 - 140

Lab Sample ID: 480-96750-5 MSD

Matrix: Ground Water

Analysis Batch: 292061

Client Sample ID: BCC Area E RFI-32 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		500	566		ug/L		113	73 - 126	1	15
1,1,2,2-Tetrachloroethane	ND		500	560		ug/L		112	70 - 126	2	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	513		ug/L		103	52 - 148	2	20
1,1,2-Trichloroethane	ND		500	542		ug/L		108	76 - 122	0	15
1,1-Dichloroethane	ND		500	511		ug/L		102	71 - 129	1	20
1,1-Dichloroethene	ND		500	506		ug/L		101	58 - 121	0	16
1,2,4-Trichlorobenzene	ND		500	514		ug/L		103	70 - 122	4	20
1,2-Dibromo-3-Chloropropane	ND		500	578		ug/L		116	56 - 134	3	15
1,2-Dibromoethane	ND		500	572		ug/L		114	77 - 120	0	15
1,2-Dichlorobenzene	ND		500	518		ug/L		104	80 - 124	1	20
1,2-Dichloroethane	ND		500	488		ug/L		98	75 - 127	2	20
1,2-Dichloropropane	ND		500	532		ug/L		106	76 - 120	2	20
1,3-Dichlorobenzene	ND		500	505		ug/L		101	77 - 120	1	20
1,4-Dichlorobenzene	ND		500	492		ug/L		98	75 - 120	1	20
2-Butanone (MEK)	ND		2500	3110		ug/L		124	57 - 140	2	20
2-Hexanone	ND		2500	2740		ug/L		110	65 - 127	0	15
4-Methyl-2-pentanone (MIBK)	ND		2500	2810		ug/L		112	71 - 125	1	35
Acetone	ND	F1	2500	3690	F1	ug/L		148	56 - 142	4	15
Benzene	ND		500	510		ug/L		102	71 - 124	1	13
Bromodichloromethane	ND		500	573		ug/L		115	80 - 122	0	15
Bromoform	ND		500	562		ug/L		112	52 - 132	4	15
Bromomethane	ND		500	493		ug/L		99	55 - 144	1	15
Carbon disulfide	ND		500	506		ug/L		101	59 - 134	0	15
Carbon tetrachloride	ND	F1	500	686	F1	ug/L		137	72 - 134	2	15
Chlorobenzene	470		500	999		ug/L		106	72 - 120	1	25
Chloroethane	ND		500	508		ug/L		102	69 - 136	2	15
Chloroform	ND		500	493		ug/L		99	73 - 127	1	20
Chloromethane	ND		500	495		ug/L		99	68 - 124	1	15
cis-1,2-Dichloroethene	ND		500	526		ug/L		105	74 - 124	0	15
cis-1,3-Dichloropropene	ND		500	570		ug/L		114	74 - 124	2	15
Cyclohexane	ND		500	483		ug/L		97	59 - 135	1	20
Dibromochloromethane	ND		500	563		ug/L		113	75 - 125	3	15
Dichlorodifluoromethane	ND		500	512		ug/L		102	59 - 135	5	20
Ethylbenzene	ND		500	524		ug/L		105	77 - 123	1	15
Isopropylbenzene	ND		500	510		ug/L		102	77 - 122	1	20
Methyl acetate	ND		2500	2870		ug/L		115	74 - 133	0	20
Methyl tert-butyl ether	ND		500	526		ug/L		105	64 - 127	1	37
Methylcyclohexane	ND		500	489		ug/L		98	61 - 138	2	20
Methylene Chloride	ND		500	543		ug/L		109	57 - 132	0	15
Styrene	ND		500	544		ug/L		109	70 - 130	1	20

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96750-1

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

Lab Sample ID: 480-96750-5 MSD

Matrix: Ground Water

Analysis Batch: 292061

Client Sample ID: BCC Area E RFI-32 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
Tetrachloroethene	ND		500	497		ug/L		99	74 - 122	1	20
Toluene	ND		500	515		ug/L		103	80 - 122	0	15
trans-1,2-Dichloroethene	ND		500	515		ug/L		103	73 - 127	0	20
trans-1,3-Dichloropropene	ND		500	599		ug/L		120	72 - 123	3	15
Trichloroethene	ND		500	495		ug/L		99	74 - 123	0	16
Trichlorofluoromethane	ND		500	552		ug/L		110	62 - 152	3	20
Vinyl chloride	ND		500	488		ug/L		98	65 - 133	0	15
Xylenes, Total	ND		1000	1070		ug/L		107	76 - 122	1	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		66 - 137
4-Bromofluorobenzene (Surr)	105		73 - 120
Toluene-d8 (Surr)	103		71 - 126
Dibromofluoromethane (Surr)	103		60 - 140

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

Lab Sample ID: MB 480-291693/1-A

Matrix: Water

Analysis Batch: 292021

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 291693

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/18/16 08:46	03/21/16 16:25	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/18/16 08:46	03/21/16 16:25	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/18/16 08:46	03/21/16 16:25	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/18/16 08:46	03/21/16 16:25	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/18/16 08:46	03/21/16 16:25	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/18/16 08:46	03/21/16 16:25	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/18/16 08:46	03/21/16 16:25	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/18/16 08:46	03/21/16 16:25	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/18/16 08:46	03/21/16 16:25	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/18/16 08:46	03/21/16 16:25	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/18/16 08:46	03/21/16 16:25	1
2-Nitroaniline	ND		10	0.42	ug/L		03/18/16 08:46	03/21/16 16:25	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/18/16 08:46	03/21/16 16:25	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/18/16 08:46	03/21/16 16:25	1
3-Nitroaniline	ND		10	0.48	ug/L		03/18/16 08:46	03/21/16 16:25	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/18/16 08:46	03/21/16 16:25	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/18/16 08:46	03/21/16 16:25	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/18/16 08:46	03/21/16 16:25	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/18/16 08:46	03/21/16 16:25	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/18/16 08:46	03/21/16 16:25	1
4-Methylphenol	ND		10	0.36	ug/L		03/18/16 08:46	03/21/16 16:25	1
4-Nitroaniline	ND		10	0.25	ug/L		03/18/16 08:46	03/21/16 16:25	1
4-Nitrophenol	ND		10	1.5	ug/L		03/18/16 08:46	03/21/16 16:25	1
Acenaphthene	ND		5.0	0.41	ug/L		03/18/16 08:46	03/21/16 16:25	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/18/16 08:46	03/21/16 16:25	1
Acetophenone	ND		5.0	0.54	ug/L		03/18/16 08:46	03/21/16 16:25	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96750-1

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

Lab Sample ID: MB 480-291693/1-A

Matrix: Water

Analysis Batch: 292021

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 291693

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	ND		10	0.61	ug/L		03/18/16 08:46	03/21/16 16:25	1
Anthracene	ND		5.0	0.28	ug/L		03/18/16 08:46	03/21/16 16:25	1
Atrazine	ND		5.0	0.46	ug/L		03/18/16 08:46	03/21/16 16:25	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/18/16 08:46	03/21/16 16:25	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/18/16 08:46	03/21/16 16:25	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/18/16 08:46	03/21/16 16:25	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/18/16 08:46	03/21/16 16:25	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/18/16 08:46	03/21/16 16:25	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/18/16 08:46	03/21/16 16:25	1
Biphenyl	ND		5.0	0.65	ug/L		03/18/16 08:46	03/21/16 16:25	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/18/16 08:46	03/21/16 16:25	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/18/16 08:46	03/21/16 16:25	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/18/16 08:46	03/21/16 16:25	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		03/18/16 08:46	03/21/16 16:25	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		03/18/16 08:46	03/21/16 16:25	1
Caprolactam	ND		5.0	2.2	ug/L		03/18/16 08:46	03/21/16 16:25	1
Carbazole	ND		5.0	0.30	ug/L		03/18/16 08:46	03/21/16 16:25	1
Chrysene	ND		5.0	0.33	ug/L		03/18/16 08:46	03/21/16 16:25	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/18/16 08:46	03/21/16 16:25	1
Dibenzofuran	ND		10	0.51	ug/L		03/18/16 08:46	03/21/16 16:25	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/18/16 08:46	03/21/16 16:25	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/18/16 08:46	03/21/16 16:25	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/18/16 08:46	03/21/16 16:25	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/18/16 08:46	03/21/16 16:25	1
Fluoranthene	ND		5.0	0.40	ug/L		03/18/16 08:46	03/21/16 16:25	1
Fluorene	ND		5.0	0.36	ug/L		03/18/16 08:46	03/21/16 16:25	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/18/16 08:46	03/21/16 16:25	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/18/16 08:46	03/21/16 16:25	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/18/16 08:46	03/21/16 16:25	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/18/16 08:46	03/21/16 16:25	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/18/16 08:46	03/21/16 16:25	1
Isophorone	ND		5.0	0.43	ug/L		03/18/16 08:46	03/21/16 16:25	1
Naphthalene	ND		5.0	0.76	ug/L		03/18/16 08:46	03/21/16 16:25	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/18/16 08:46	03/21/16 16:25	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/18/16 08:46	03/21/16 16:25	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/18/16 08:46	03/21/16 16:25	1
Pentachlorophenol	ND		10	2.2	ug/L		03/18/16 08:46	03/21/16 16:25	1
Phenanthrene	ND		5.0	0.44	ug/L		03/18/16 08:46	03/21/16 16:25	1
Phenol	ND		5.0	0.39	ug/L		03/18/16 08:46	03/21/16 16:25	1
Pyrene	ND		5.0	0.34	ug/L		03/18/16 08:46	03/21/16 16:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	80		52 - 132	03/18/16 08:46	03/21/16 16:25	1
2-Fluorobiphenyl	66		48 - 120	03/18/16 08:46	03/21/16 16:25	1
2-Fluorophenol	46		20 - 120	03/18/16 08:46	03/21/16 16:25	1
Nitrobenzene-d5	70		46 - 120	03/18/16 08:46	03/21/16 16:25	1
Phenol-d5	30		16 - 120	03/18/16 08:46	03/21/16 16:25	1
p-Terphenyl-d14	87		67 - 150	03/18/16 08:46	03/21/16 16:25	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96750-1

Lab Sample ID: LCS 480-291693/2-A

Matrix: Water

Analysis Batch: 292021

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 291693

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	16.0	13.8		ug/L		86	65 - 126
2,4,6-Trichlorophenol	16.0	14.4		ug/L		90	64 - 120
2,4-Dichlorophenol	16.0	14.0		ug/L		87	64 - 120
2,4-Dimethylphenol	16.0	13.0		ug/L		81	57 - 120
2,4-Dinitrophenol	32.0	35.9		ug/L		112	42 - 153
2,4-Dinitrotoluene	16.0	14.4		ug/L		90	65 - 154
2,6-Dinitrotoluene	16.0	14.4		ug/L		90	74 - 134
2-Chloronaphthalene	16.0	12.7		ug/L		79	41 - 124
2-Chlorophenol	16.0	12.1		ug/L		76	48 - 120
2-Methylnaphthalene	16.0	12.9		ug/L		81	34 - 122
2-Methylphenol	16.0	11.5		ug/L		72	39 - 120
2-Nitroaniline	16.0	14.8		ug/L		92	67 - 136
2-Nitrophenol	16.0	15.1		ug/L		95	59 - 120
3,3'-Dichlorobenzidine	32.0	33.2		ug/L		104	33 - 140
3-Nitroaniline	16.0	12.2		ug/L		76	28 - 130
4,6-Dinitro-2-methylphenol	32.0	36.2		ug/L		113	64 - 159
4-Bromophenyl phenyl ether	16.0	13.7		ug/L		85	71 - 126
4-Chloro-3-methylphenol	16.0	13.7		ug/L		85	64 - 120
4-Chloroaniline	16.0	10.3		ug/L		64	10 - 130
4-Chlorophenyl phenyl ether	16.0	13.6		ug/L		85	71 - 122
4-Methylphenol	16.0	11.0		ug/L		69	39 - 120
4-Nitroaniline	16.0	13.1		ug/L		82	47 - 130
4-Nitrophenol	32.0	20.2		ug/L		63	16 - 120
Acenaphthene	16.0	13.1		ug/L		82	60 - 120
Acenaphthylene	16.0	13.5		ug/L		84	63 - 120
Acetophenone	16.0	12.4		ug/L		77	45 - 120
Aniline	16.0	7.66	J	ug/L		48	37 - 120
Anthracene	16.0	14.4		ug/L		90	58 - 148
Atrazine	32.0	34.5		ug/L		108	56 - 179
Benzaldehyde	32.0	24.3		ug/L		76	30 - 140
Benzo(a)anthracene	16.0	14.9		ug/L		93	55 - 151
Benzo(a)pyrene	16.0	15.0		ug/L		94	60 - 145
Benzo(b)fluoranthene	16.0	14.7		ug/L		92	54 - 140
Benzo(g,h,i)perylene	16.0	14.7		ug/L		92	66 - 152
Benzo(k)fluoranthene	16.0	15.2		ug/L		95	51 - 153
Biphenyl	16.0	12.9		ug/L		81	30 - 140
bis (2-chloroisopropyl) ether	16.0	12.4		ug/L		77	28 - 136
Bis(2-chloroethoxy)methane	16.0	12.6		ug/L		79	50 - 128
Bis(2-chloroethyl)ether	16.0	11.8		ug/L		74	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	15.2		ug/L		95	53 - 158
Butyl benzyl phthalate	16.0	15.6		ug/L		97	58 - 163
Caprolactam	32.0	10.9		ug/L		34	14 - 130
Carbazole	16.0	14.8		ug/L		93	59 - 148
Chrysene	16.0	14.5		ug/L		91	69 - 140
Dibenz(a,h)anthracene	16.0	15.1		ug/L		94	57 - 148
Dibenzofuran	16.0	13.7		ug/L		85	49 - 137
Diethyl phthalate	16.0	14.3		ug/L		90	59 - 146
Dimethyl phthalate	16.0	14.6		ug/L		91	59 - 141
Di-n-butyl phthalate	16.0	15.5		ug/L		97	58 - 149
Di-n-octyl phthalate	16.0	14.8		ug/L		92	55 - 167

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96750-1

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

Lab Sample ID: LCS 480-291693/2-A

Matrix: Water

Analysis Batch: 292021

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 291693

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoranthene	16.0	15.3		ug/L		95	55 - 147
Fluorene	16.0	13.8		ug/L		86	55 - 143
Hexachlorobenzene	16.0	12.9		ug/L		81	14 - 130
Hexachlorobutadiene	16.0	11.9		ug/L		75	14 - 130
Hexachlorocyclopentadiene	16.0	12.1		ug/L		75	13 - 130
Hexachloroethane	16.0	10.8		ug/L		68	14 - 130
Indeno(1,2,3-cd)pyrene	16.0	13.4		ug/L		84	69 - 146
Isophorone	16.0	13.3		ug/L		83	48 - 133
Naphthalene	16.0	12.5		ug/L		78	35 - 130
Nitrobenzene	16.0	13.4		ug/L		84	45 - 123
N-Nitrosodi-n-propylamine	16.0	12.3		ug/L		77	56 - 120
N-Nitrosodiphenylamine	16.0	13.7		ug/L		86	25 - 125
Pentachlorophenol	32.0	27.2		ug/L		85	39 - 136
Phenanthrene	16.0	14.2		ug/L		89	57 - 147
Phenol	16.0	7.45		ug/L		47	17 - 120
Pyrene	16.0	14.8		ug/L		92	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	104		52 - 132
2-Fluorobiphenyl	75		48 - 120
2-Fluorophenol	63		20 - 120
Nitrobenzene-d5	83		46 - 120
Phenol-d5	45		16 - 120
p-Terphenyl-d14	89		67 - 150

Lab Sample ID: 480-96750-1 MS

Matrix: Ground Water

Analysis Batch: 292021

Client Sample ID: BCC Area E R-10_0316

Prep Type: Total/NA

Prep Batch: 291693

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		32.0	31.0		ug/L		97	65 - 126
2,4,6-Trichlorophenol	ND		32.0	28.5		ug/L		89	64 - 120
2,4-Dichlorophenol	ND		32.0	27.7		ug/L		87	64 - 120
2,4-Dimethylphenol	ND		32.0	26.2		ug/L		82	57 - 120
2,4-Dinitrophenol	ND		64.0	80.8		ug/L		126	42 - 153
2,4-Dinitrotoluene	ND		32.0	29.2		ug/L		91	62 - 148
2,6-Dinitrotoluene	ND		32.0	28.2		ug/L		88	65 - 154
2-Chloronaphthalene	ND		32.0	24.7		ug/L		77	41 - 124
2-Chlorophenol	ND		32.0	24.5		ug/L		77	48 - 120
2-Methylnaphthalene	ND		32.0	25.5		ug/L		80	34 - 122
2-Methylphenol	ND		32.0	24.8		ug/L		77	39 - 120
2-Nitroaniline	ND		32.0	29.9		ug/L		93	67 - 136
2-Nitrophenol	ND		32.0	30.1		ug/L		94	59 - 120
3,3'-Dichlorobenzidine	ND	F1	64.0	ND	F1	ug/L		0	33 - 140
3-Nitroaniline	ND	F1	32.0	16.8	J F1	ug/L		53	69 - 129
4,6-Dinitro-2-methylphenol	ND		64.0	73.7		ug/L		115	64 - 159
4-Bromophenyl phenyl ether	ND		32.0	27.6		ug/L		86	71 - 126
4-Chloro-3-methylphenol	ND		32.0	28.1		ug/L		88	64 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96750-1

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

Lab Sample ID: 480-96750-1 MS

Matrix: Ground Water

Analysis Batch: 292021

Client Sample ID: BCC Area E R-10_0316

Prep Type: Total/NA

Prep Batch: 291693

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chloroaniline	ND	F1	32.0	12.7	F1	ug/L		40	60 - 124
4-Chlorophenyl phenyl ether	ND		32.0	27.8		ug/L		87	48 - 145
4-Methylphenol	ND		32.0	23.9		ug/L		75	36 - 120
4-Nitroaniline	ND	F1	32.0	19.1	J F1	ug/L		60	64 - 135
4-Nitrophenol	ND		64.0	55.0		ug/L		86	16 - 120
Acenaphthene	ND		32.0	26.3		ug/L		82	60 - 120
Acenaphthylene	ND		32.0	27.0		ug/L		85	63 - 120
Acetophenone	ND		32.0	23.7		ug/L		74	45 - 120
Aniline	ND		32.0	15.9	J	ug/L		50	37 - 120
Anthracene	ND		32.0	28.6		ug/L		89	58 - 148
Atrazine	ND		64.0	60.9		ug/L		95	56 - 179
Benzaldehyde	ND		64.0	43.2		ug/L		68	30 - 140
Benzo(a)anthracene	ND		32.0	27.5		ug/L		86	55 - 151
Benzo(a)pyrene	ND		32.0	26.0		ug/L		81	60 - 145
Benzo(b)fluoranthene	ND		32.0	26.1		ug/L		82	54 - 140
Benzo(g,h,i)perylene	ND		32.0	25.8		ug/L		81	66 - 152
Benzo(k)fluoranthene	ND		32.0	25.0		ug/L		78	51 - 153
Biphenyl	ND		32.0	25.3		ug/L		79	30 - 140
bis (2-chloroisopropyl) ether	ND		32.0	24.1		ug/L		75	28 - 136
Bis(2-chloroethoxy)methane	ND		32.0	24.5		ug/L		77	50 - 128
Bis(2-chloroethyl)ether	ND		32.0	23.9		ug/L		75	51 - 120
Bis(2-ethylhexyl) phthalate	ND		32.0	26.6		ug/L		83	53 - 158
Butyl benzyl phthalate	ND		32.0	31.6		ug/L		99	58 - 163
Caprolactam	ND		64.0	40.6		ug/L		63	30 - 140
Carbazole	ND		32.0	29.4		ug/L		92	59 - 148
Chrysene	ND		32.0	25.8		ug/L		81	69 - 140
Dibenz(a,h)anthracene	ND		32.0	26.1		ug/L		82	57 - 158
Dibenzofuran	ND		32.0	27.1		ug/L		85	49 - 137
Diethyl phthalate	ND		32.0	29.6		ug/L		92	59 - 146
Dimethyl phthalate	ND		32.0	29.1		ug/L		91	59 - 141
Di-n-butyl phthalate	ND		32.0	30.9		ug/L		97	58 - 149
Di-n-octyl phthalate	ND		32.0	27.0		ug/L		85	55 - 167
Fluoranthene	ND		32.0	30.6		ug/L		96	55 - 147
Fluorene	ND		32.0	28.0		ug/L		87	55 - 143
Hexachlorobenzene	ND		32.0	26.7		ug/L		83	38 - 131
Hexachlorobutadiene	ND		32.0	23.3		ug/L		73	14 - 130
Hexachlorocyclopentadiene	ND		32.0	23.0		ug/L		72	13 - 130
Hexachloroethane	ND		32.0	21.3		ug/L		67	14 - 130
Indeno(1,2,3-cd)pyrene	ND		32.0	26.5		ug/L		83	69 - 146
Isophorone	ND		32.0	25.9		ug/L		81	48 - 133
Naphthalene	ND		32.0	24.7		ug/L		77	35 - 130
Nitrobenzene	ND		32.0	26.0		ug/L		81	45 - 123
N-Nitrosodi-n-propylamine	ND		32.0	25.0		ug/L		78	56 - 120
N-Nitrosodiphenylamine	ND		32.0	27.3		ug/L		85	25 - 125
Pentachlorophenol	ND		64.0	61.8		ug/L		96	39 - 136
Phenanthrene	ND		32.0	28.2		ug/L		88	57 - 147
Phenol	ND		32.0	20.1		ug/L		63	17 - 120
Pyrene	ND		32.0	30.7		ug/L		96	58 - 136

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96750-1

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

Lab Sample ID: 480-96750-1 MS

Matrix: Ground Water

Analysis Batch: 292021

Client Sample ID: BCC Area E R-10_0316

Prep Type: Total/NA

Prep Batch: 291693

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol	106		52 - 132
2-Fluorobiphenyl	78		48 - 120
2-Fluorophenol	75		20 - 120
Nitrobenzene-d5	82		46 - 120
Phenol-d5	63		16 - 120
p-Terphenyl-d14	84		67 - 150

Lab Sample ID: 480-96750-1 MSD

Matrix: Ground Water

Analysis Batch: 292021

Client Sample ID: BCC Area E R-10_0316

Prep Type: Total/NA

Prep Batch: 291693

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		32.0	32.5		ug/L		102	65 - 126	5	18
2,4,6-Trichlorophenol	ND		32.0	30.0		ug/L		94	64 - 120	5	19
2,4-Dichlorophenol	ND		32.0	28.3		ug/L		89	64 - 120	2	19
2,4-Dimethylphenol	ND		32.0	27.2		ug/L		85	57 - 120	3	42
2,4-Dinitrophenol	ND		64.0	85.7		ug/L		134	42 - 153	6	22
2,4-Dinitrotoluene	ND		32.0	31.1		ug/L		97	62 - 148	6	20
2,6-Dinitrotoluene	ND		32.0	30.0		ug/L		94	65 - 154	6	15
2-Chloronaphthalene	ND		32.0	25.7		ug/L		80	41 - 124	4	21
2-Chlorophenol	ND		32.0	25.6		ug/L		80	48 - 120	4	25
2-Methylnaphthalene	ND		32.0	26.3		ug/L		82	34 - 122	3	21
2-Methylphenol	ND		32.0	25.6		ug/L		80	39 - 120	3	27
2-Nitroaniline	ND		32.0	31.2		ug/L		98	67 - 136	4	15
2-Nitrophenol	ND		32.0	31.0		ug/L		97	59 - 120	3	18
3,3'-Dichlorobenzidine	ND	F1	64.0	ND	F1	ug/L		0	33 - 140	NC	25
3-Nitroaniline	ND	F1	32.0	17.6	J F1	ug/L		55	69 - 129	4	19
4,6-Dinitro-2-methylphenol	ND		64.0	79.9		ug/L		125	64 - 159	8	15
4-Bromophenyl phenyl ether	ND		32.0	28.9		ug/L		90	71 - 126	5	15
4-Chloro-3-methylphenol	ND		32.0	28.8		ug/L		90	64 - 120	3	27
4-Chloroaniline	ND	F1	32.0	14.0	F1	ug/L		44	60 - 124	10	22
4-Chlorophenyl phenyl ether	ND		32.0	28.7		ug/L		90	48 - 145	3	16
4-Methylphenol	ND		32.0	24.4		ug/L		76	36 - 120	2	24
4-Nitroaniline	ND	F1	32.0	19.0	J F1	ug/L		59	64 - 135	0	24
4-Nitrophenol	ND		64.0	56.7		ug/L		89	16 - 120	3	48
Acenaphthene	ND		32.0	26.8		ug/L		84	60 - 120	2	24
Acenaphthylene	ND		32.0	28.1		ug/L		88	63 - 120	4	18
Acetophenone	ND		32.0	24.8		ug/L		78	45 - 120	4	20
Aniline	ND		32.0	15.4	J	ug/L		48	37 - 120	4	30
Anthracene	ND		32.0	30.0		ug/L		94	58 - 148	5	15
Atrazine	ND		64.0	65.3		ug/L		102	56 - 179	7	20
Benzaldehyde	ND		64.0	47.5		ug/L		74	30 - 140	9	20
Benzo(a)anthracene	ND		32.0	29.8		ug/L		93	55 - 151	8	15
Benzo(a)pyrene	ND		32.0	28.0		ug/L		88	60 - 145	7	15
Benzo(b)fluoranthene	ND		32.0	28.1		ug/L		88	54 - 140	8	15
Benzo(g,h,i)perylene	ND		32.0	28.1		ug/L		88	66 - 152	9	15
Benzo(k)fluoranthene	ND		32.0	26.9		ug/L		84	51 - 153	7	22
Biphenyl	ND		32.0	26.0		ug/L		81	30 - 140	2	20

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96750-1

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

Lab Sample ID: 480-96750-1 MSD

Matrix: Ground Water

Analysis Batch: 292021

Client Sample ID: BCC Area E R-10_0316

Prep Type: Total/NA

Prep Batch: 291693

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
bis (2-chloroisopropyl) ether	ND		32.0	25.5		ug/L		80	28 - 136	6	24
Bis(2-chloroethoxy)methane	ND		32.0	25.4		ug/L		80	50 - 128	4	17
Bis(2-chloroethyl)ether	ND		32.0	24.9		ug/L		78	51 - 120	4	21
Bis(2-ethylhexyl) phthalate	ND		32.0	29.4		ug/L		92	53 - 158	10	15
Butyl benzyl phthalate	ND		32.0	33.9		ug/L		106	58 - 163	7	16
Caprolactam	ND		64.0	42.7		ug/L		67	30 - 140	5	20
Carbazole	ND		32.0	31.1		ug/L		97	59 - 148	5	20
Chrysene	ND		32.0	28.1		ug/L		88	69 - 140	8	15
Dibenz(a,h)anthracene	ND		32.0	27.5		ug/L		86	57 - 158	5	15
Dibenzofuran	ND		32.0	28.6		ug/L		90	49 - 137	5	15
Diethyl phthalate	ND		32.0	31.4		ug/L		98	59 - 146	6	15
Dimethyl phthalate	ND		32.0	30.4		ug/L		95	59 - 141	4	15
Di-n-butyl phthalate	ND		32.0	33.3		ug/L		104	58 - 149	7	15
Di-n-octyl phthalate	ND		32.0	28.0		ug/L		87	55 - 167	3	16
Fluoranthene	ND		32.0	32.6		ug/L		102	55 - 147	6	15
Fluorene	ND		32.0	28.9		ug/L		90	55 - 143	3	15
Hexachlorobenzene	ND		32.0	27.2		ug/L		85	38 - 131	2	15
Hexachlorobutadiene	ND		32.0	24.3		ug/L		76	14 - 130	4	44
Hexachlorocyclopentadiene	ND		32.0	24.4		ug/L		76	13 - 130	6	49
Hexachloroethane	ND		32.0	22.3		ug/L		70	14 - 130	4	46
Indeno(1,2,3-cd)pyrene	ND		32.0	28.3		ug/L		89	69 - 146	7	15
Isophorone	ND		32.0	27.0		ug/L		84	48 - 133	4	17
Naphthalene	ND		32.0	25.3		ug/L		79	35 - 130	2	29
Nitrobenzene	ND		32.0	27.2		ug/L		85	45 - 123	5	24
N-Nitrosodi-n-propylamine	ND		32.0	25.9		ug/L		81	56 - 120	3	31
N-Nitrosodiphenylamine	ND		32.0	28.6		ug/L		89	25 - 125	5	15
Pentachlorophenol	ND		64.0	66.3		ug/L		104	39 - 136	7	37
Phenanthrene	ND		32.0	29.4		ug/L		92	57 - 147	4	15
Phenol	ND		32.0	21.1		ug/L		66	17 - 120	5	34
Pyrene	ND		32.0	32.6		ug/L		102	58 - 136	6	19

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol	113		52 - 132
2-Fluorobiphenyl	80		48 - 120
2-Fluorophenol	79		20 - 120
Nitrobenzene-d5	86		46 - 120
Phenol-d5	68		16 - 120
p-Terphenyl-d14	86		67 - 150

Lab Sample ID: 480-96750-5 MS

Matrix: Ground Water

Analysis Batch: 292021

Client Sample ID: BCC Area E RFI-32 MS_0316

Prep Type: Total/NA

Prep Batch: 291693

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		15.0	12.9		ug/L		86	65 - 126
2,4,6-Trichlorophenol	ND		15.0	12.9		ug/L		86	64 - 120
2,4-Dichlorophenol	ND		15.0	11.4		ug/L		76	64 - 120
2,4-Dimethylphenol	ND		15.0	10.6		ug/L		70	57 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96750-1

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

Lab Sample ID: 480-96750-5 MS

Matrix: Ground Water

Analysis Batch: 292021

Client Sample ID: BCC Area E RFI-32 MS_0316

Prep Type: Total/NA

Prep Batch: 291693

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrophenol	ND		30.0	32.4		ug/L		108	42 - 153
2,4-Dinitrotoluene	ND		15.0	12.9		ug/L		86	62 - 148
2,6-Dinitrotoluene	ND		15.0	12.6		ug/L		84	65 - 154
2-Chloronaphthalene	ND		15.0	11.3		ug/L		75	41 - 124
2-Chlorophenol	2.8	J	15.0	13.5		ug/L		71	48 - 120
2-Methylnaphthalene	ND		15.0	10.5		ug/L		70	34 - 122
2-Methylphenol	ND		15.0	10.1		ug/L		67	39 - 120
2-Nitroaniline	ND		15.0	13.5		ug/L		90	67 - 136
2-Nitrophenol	ND		15.0	12.2		ug/L		81	59 - 120
3,3'-Dichlorobenzidine	ND	F2 F1	30.0	6.80	F1	ug/L		23	33 - 140
3-Nitroaniline	ND	F1	15.0	9.68	F1	ug/L		65	69 - 129
4,6-Dinitro-2-methylphenol	ND		30.0	33.2		ug/L		111	64 - 159
4-Bromophenyl phenyl ether	ND		15.0	13.0		ug/L		87	71 - 126
4-Chloro-3-methylphenol	ND		15.0	11.1		ug/L		74	64 - 120
4-Chloroaniline	ND	F1	15.0	7.80	F1	ug/L		52	60 - 124
4-Chlorophenyl phenyl ether	ND		15.0	12.4		ug/L		83	48 - 145
4-Methylphenol	ND		15.0	9.33	J	ug/L		62	36 - 120
4-Nitroaniline	ND		15.0	10.3		ug/L		69	64 - 135
4-Nitrophenol	ND	F2 F1	30.0	17.2		ug/L		57	16 - 120
Acenaphthene	ND		15.0	11.5		ug/L		77	60 - 120
Acenaphthylene	ND		15.0	12.3		ug/L		82	63 - 120
Acetophenone	ND		15.0	10.6		ug/L		71	45 - 120
Aniline	ND		15.0	6.87	J	ug/L		46	37 - 120
Anthracene	ND		15.0	12.6		ug/L		84	58 - 148
Atrazine	ND		30.0	30.1		ug/L		100	56 - 179
Benzaldehyde	ND		30.0	20.9		ug/L		70	30 - 140
Benzo(a)anthracene	ND		15.0	13.1		ug/L		87	55 - 151
Benzo(a)pyrene	ND		15.0	13.1		ug/L		87	60 - 145
Benzo(b)fluoranthene	ND		15.0	12.8		ug/L		85	54 - 140
Benzo(g,h,i)perylene	ND		15.0	13.6		ug/L		91	66 - 152
Benzo(k)fluoranthene	ND		15.0	13.3		ug/L		88	51 - 153
Biphenyl	ND		15.0	11.5		ug/L		77	30 - 140
bis (2-chloroisopropyl) ether	ND		15.0	10.8		ug/L		72	28 - 136
Bis(2-chloroethoxy)methane	ND		15.0	9.95		ug/L		66	50 - 128
Bis(2-chloroethyl)ether	ND		15.0	10.6		ug/L		70	51 - 120
Bis(2-ethylhexyl) phthalate	ND		15.0	13.0		ug/L		87	53 - 158
Butyl benzyl phthalate	ND		15.0	14.2		ug/L		95	58 - 163
Caprolactam	ND	F1	30.0	8.52	F1	ug/L		28	30 - 140
Carbazole	ND		15.0	13.0		ug/L		87	59 - 148
Chrysene	ND		15.0	13.4		ug/L		89	69 - 140
Dibenz(a,h)anthracene	ND		15.0	13.5		ug/L		90	57 - 158
Dibenzofuran	ND		15.0	12.1		ug/L		81	49 - 137
Diethyl phthalate	ND		15.0	13.3		ug/L		89	59 - 146
Dimethyl phthalate	ND		15.0	13.0		ug/L		87	59 - 141
Di-n-butyl phthalate	ND		15.0	14.0		ug/L		93	58 - 149
Di-n-octyl phthalate	ND		15.0	13.0		ug/L		87	55 - 167
Fluoranthene	ND		15.0	13.5		ug/L		90	55 - 147
Fluorene	ND		15.0	12.5		ug/L		83	55 - 143

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96750-1

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

Lab Sample ID: 480-96750-5 MS

Matrix: Ground Water

Analysis Batch: 292021

Client Sample ID: BCC Area E RFI-32 MS_0316

Prep Type: Total/NA

Prep Batch: 291693

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorobenzene	ND		15.0	12.8		ug/L		85	38 - 131
Hexachlorobutadiene	ND		15.0	10.6		ug/L		71	14 - 130
Hexachlorocyclopentadiene	ND		15.0	11.7		ug/L		78	13 - 130
Hexachloroethane	ND		15.0	10.1		ug/L		67	14 - 130
Indeno(1,2,3-cd)pyrene	ND		15.0	13.7		ug/L		91	69 - 146
Isophorone	ND		15.0	10.7		ug/L		71	48 - 133
Naphthalene	36		15.0	49.6	E	ug/L		92	35 - 130
Nitrobenzene	ND		15.0	10.6		ug/L		71	45 - 123
N-Nitrosodi-n-propylamine	ND		15.0	10.8		ug/L		72	56 - 120
N-Nitrosodiphenylamine	ND		15.0	12.6		ug/L		84	25 - 125
Pentachlorophenol	ND		30.0	26.7		ug/L		89	39 - 136
Phenanthrene	ND		15.0	12.5		ug/L		83	57 - 147
Phenol	ND		15.0	6.03		ug/L		40	17 - 120
Pyrene	ND		15.0	13.3		ug/L		89	58 - 136

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol	102		52 - 132
2-Fluorobiphenyl	77		48 - 120
2-Fluorophenol	57		20 - 120
Nitrobenzene-d5	72		46 - 120
Phenol-d5	38		16 - 120
p-Terphenyl-d14	83		67 - 150

Lab Sample ID: 480-96750-5 MSD

Matrix: Ground Water

Analysis Batch: 292021

Client Sample ID: BCC Area E RFI-32 MSD_0316

Prep Type: Total/NA

Prep Batch: 291693

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
2,4,5-Trichlorophenol	ND		15.0	12.9		ug/L		86	65 - 126	1	18
2,4,6-Trichlorophenol	ND		15.0	13.2		ug/L		88	64 - 120	2	19
2,4-Dichlorophenol	ND		15.0	11.6		ug/L		78	64 - 120	2	19
2,4-Dimethylphenol	ND		15.0	10.9		ug/L		73	57 - 120	3	42
2,4-Dinitrophenol	ND		29.9	30.6		ug/L		102	42 - 153	6	22
2,4-Dinitrotoluene	ND		15.0	13.2		ug/L		88	62 - 148	2	20
2,6-Dinitrotoluene	ND		15.0	12.6		ug/L		84	65 - 154	0	15
2-Chloronaphthalene	ND		15.0	11.5		ug/L		77	41 - 124	2	21
2-Chlorophenol	2.8	J	15.0	14.0		ug/L		75	48 - 120	4	25
2-Methylnaphthalene	ND		15.0	10.8		ug/L		72	34 - 122	3	21
2-Methylphenol	ND		15.0	10.1		ug/L		68	39 - 120	0	27
2-Nitroaniline	ND		15.0	13.2		ug/L		88	67 - 136	2	15
2-Nitrophenol	ND		15.0	12.7		ug/L		85	59 - 120	4	18
3,3'-Dichlorobenzidine	ND	F2 F1	29.9	10.5	F2	ug/L		35	33 - 140	43	25
3-Nitroaniline	ND	F1	15.0	9.85	F1	ug/L		66	69 - 129	2	19
4,6-Dinitro-2-methylphenol	ND		29.9	32.7		ug/L		109	64 - 159	2	15
4-Bromophenyl phenyl ether	ND		15.0	13.2		ug/L		88	71 - 126	1	15
4-Chloro-3-methylphenol	ND		15.0	11.2		ug/L		75	64 - 120	1	27
4-Chloroaniline	ND	F1	15.0	7.93	F1	ug/L		53	60 - 124	2	22
4-Chlorophenyl phenyl ether	ND		15.0	12.3		ug/L		82	48 - 145	1	16

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96750-1

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

Lab Sample ID: 480-96750-5 MSD

Matrix: Ground Water

Analysis Batch: 292021

Client Sample ID: BCC Area E RFI-32 MSD_0316

Prep Type: Total/NA

Prep Batch: 291693

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Methylphenol	ND		15.0	9.68		ug/L		65	36 - 120	4	24
4-Nitroaniline	ND		15.0	10.7		ug/L		71	64 - 135	4	24
4-Nitrophenol	ND	F2 F1	29.9	14.5		ug/L		48	16 - 120	17	48
Acenaphthene	ND		15.0	11.7		ug/L		78	60 - 120	1	24
Acenaphthylene	ND		15.0	12.4		ug/L		83	63 - 120	1	18
Acetophenone	ND		15.0	10.7		ug/L		72	45 - 120	1	20
Aniline	ND		15.0	7.45	J	ug/L		50	37 - 120	8	30
Anthracene	ND		15.0	12.8		ug/L		86	58 - 148	2	15
Atrazine	ND		29.9	30.2		ug/L		101	56 - 179	0	20
Benzaldehyde	ND		29.9	21.4		ug/L		72	30 - 140	3	20
Benzo(a)anthracene	ND		15.0	13.0		ug/L		87	55 - 151	0	15
Benzo(a)pyrene	ND		15.0	13.0		ug/L		87	60 - 145	1	15
Benzo(b)fluoranthene	ND		15.0	12.9		ug/L		86	54 - 140	0	15
Benzo(g,h,i)perylene	ND		15.0	13.1		ug/L		88	66 - 152	4	15
Benzo(k)fluoranthene	ND		15.0	13.0		ug/L		87	51 - 153	2	22
Biphenyl	ND		15.0	11.7		ug/L		78	30 - 140	1	20
bis (2-chloroisopropyl) ether	ND		15.0	11.0		ug/L		73	28 - 136	1	24
Bis(2-chloroethoxy)methane	ND		15.0	10.2		ug/L		68	50 - 128	2	17
Bis(2-chloroethyl)ether	ND		15.0	10.6		ug/L		71	51 - 120	0	21
Bis(2-ethylhexyl) phthalate	ND		15.0	12.9		ug/L		86	53 - 158	1	15
Butyl benzyl phthalate	ND		15.0	14.0		ug/L		93	58 - 163	2	16
Caprolactam	ND	F1	29.9	8.84		ug/L		30	30 - 140	4	20
Carbazole	ND		15.0	13.0		ug/L		87	59 - 148	0	20
Chrysene	ND		15.0	13.0		ug/L		87	69 - 140	3	15
Dibenz(a,h)anthracene	ND		15.0	13.4		ug/L		89	57 - 158	1	15
Dibenzofuran	ND		15.0	12.2		ug/L		82	49 - 137	1	15
Diethyl phthalate	ND		15.0	13.1		ug/L		87	59 - 146	2	15
Dimethyl phthalate	ND		15.0	13.0		ug/L		87	59 - 141	0	15
Di-n-butyl phthalate	ND		15.0	14.0		ug/L		94	58 - 149	0	15
Di-n-octyl phthalate	ND		15.0	12.9		ug/L		86	55 - 167	1	16
Fluoranthene	ND		15.0	13.6		ug/L		91	55 - 147	0	15
Fluorene	ND		15.0	12.5		ug/L		84	55 - 143	0	15
Hexachlorobenzene	ND		15.0	12.8		ug/L		85	38 - 131	0	15
Hexachlorobutadiene	ND		15.0	10.7		ug/L		71	14 - 130	1	44
Hexachlorocyclopentadiene	ND		15.0	11.8		ug/L		79	13 - 130	1	49
Hexachloroethane	ND		15.0	10.3		ug/L		69	14 - 130	2	46
Indeno(1,2,3-cd)pyrene	ND		15.0	13.5		ug/L		90	69 - 146	1	15
Isophorone	ND		15.0	10.7		ug/L		71	48 - 133	0	17
Naphthalene	36		15.0	51.6	E	ug/L		106	35 - 130	4	29
Nitrobenzene	ND		15.0	10.9		ug/L		73	45 - 123	3	24
N-Nitrosodi-n-propylamine	ND		15.0	11.1		ug/L		74	56 - 120	3	31
N-Nitrosodiphenylamine	ND		15.0	12.5		ug/L		84	25 - 125	0	15
Pentachlorophenol	ND		29.9	26.6		ug/L		89	39 - 136	0	37
Phenanthrene	ND		15.0	12.7		ug/L		85	57 - 147	2	15
Phenol	ND		15.0	6.41		ug/L		43	17 - 120	6	34
Pyrene	ND		15.0	13.6		ug/L		91	58 - 136	2	19

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96750-1

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

Lab Sample ID: 480-96750-5 MSD

Matrix: Ground Water

Analysis Batch: 292021

Client Sample ID: BCC Area E RFI-32 MSD_0316

Prep Type: Total/NA

Prep Batch: 291693

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol	106		52 - 132
2-Fluorobiphenyl	79		48 - 120
2-Fluorophenol	58		20 - 120
Nitrobenzene-d5	74		46 - 120
Phenol-d5	41		16 - 120
p-Terphenyl-d14	86		67 - 150

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-291777/1-A

Matrix: Water

Analysis Batch: 292086

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 291777

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/21/16 07:35	03/21/16 15:54	1
Antimony	ND		0.020	0.0068	mg/L		03/21/16 07:35	03/21/16 15:54	1
Arsenic	ND		0.015	0.0056	mg/L		03/21/16 07:35	03/21/16 15:54	1
Barium	ND		0.0020	0.00070	mg/L		03/21/16 07:35	03/21/16 15:54	1
Beryllium	ND		0.0020	0.00030	mg/L		03/21/16 07:35	03/21/16 15:54	1
Cadmium	ND		0.0020	0.00050	mg/L		03/21/16 07:35	03/21/16 15:54	1
Calcium	ND		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 15:54	1
Chromium	ND		0.0040	0.0010	mg/L		03/21/16 07:35	03/21/16 15:54	1
Cobalt	ND		0.0040	0.00063	mg/L		03/21/16 07:35	03/21/16 15:54	1
Copper	ND		0.010	0.0016	mg/L		03/21/16 07:35	03/21/16 15:54	1
Iron	ND		0.050	0.019	mg/L		03/21/16 07:35	03/21/16 15:54	1
Lead	ND		0.010	0.0030	mg/L		03/21/16 07:35	03/21/16 15:54	1
Magnesium	ND		0.20	0.043	mg/L		03/21/16 07:35	03/21/16 15:54	1
Manganese	ND		0.0030	0.00040	mg/L		03/21/16 07:35	03/21/16 15:54	1
Nickel	ND		0.010	0.0013	mg/L		03/21/16 07:35	03/21/16 15:54	1
Potassium	ND		0.50	0.10	mg/L		03/21/16 07:35	03/21/16 15:54	1
Selenium	ND		0.025	0.0087	mg/L		03/21/16 07:35	03/21/16 15:54	1
Silver	ND		0.0060	0.0017	mg/L		03/21/16 07:35	03/21/16 15:54	1
Sodium	ND		1.0	0.32	mg/L		03/21/16 07:35	03/21/16 15:54	1
Thallium	ND		0.020	0.010	mg/L		03/21/16 07:35	03/21/16 15:54	1
Vanadium	ND		0.0050	0.0015	mg/L		03/21/16 07:35	03/21/16 15:54	1
Zinc	ND		0.010	0.0015	mg/L		03/21/16 07:35	03/21/16 15:54	1

Lab Sample ID: LCS 480-291777/2-A

Matrix: Water

Analysis Batch: 292086

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 291777

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	9.39		mg/L		94	80 - 120
Antimony	0.200	0.185		mg/L		92	80 - 120
Arsenic	0.200	0.204		mg/L		102	80 - 120
Barium	0.200	0.197		mg/L		98	80 - 120
Beryllium	0.200	0.201		mg/L		101	80 - 120
Cadmium	0.200	0.195		mg/L		97	80 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96750-1

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

Lab Sample ID: LCS 480-291777/2-A

Matrix: Water

Analysis Batch: 292086

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 291777

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	10.0	9.41		mg/L		94	80 - 120
Chromium	0.200	0.207		mg/L		103	80 - 120
Cobalt	0.200	0.193		mg/L		96	80 - 120
Copper	0.200	0.199		mg/L		99	80 - 120
Iron	10.0	9.70		mg/L		97	80 - 120
Lead	0.200	0.199		mg/L		100	80 - 120
Magnesium	10.0	10.25		mg/L		102	80 - 120
Manganese	0.200	0.206		mg/L		103	80 - 120
Nickel	0.200	0.198		mg/L		99	80 - 120
Potassium	10.0	10.16		mg/L		102	80 - 120
Selenium	0.200	0.189		mg/L		95	80 - 120
Silver	0.0500	0.0457		mg/L		91	80 - 120
Sodium	10.0	9.97		mg/L		100	80 - 120
Thallium	0.200	0.198		mg/L		99	80 - 120
Vanadium	0.200	0.208		mg/L		104	80 - 120
Zinc	0.200	0.206		mg/L		103	80 - 120

Lab Sample ID: 480-96750-5 MS

Matrix: Ground Water

Analysis Batch: 292086

Client Sample ID: BCC Area E RFI-32 MS_0316

Prep Type: Total/NA

Prep Batch: 291777

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	ND		10.0	9.48		mg/L		95	75 - 125
Antimony	ND		0.200	0.194		mg/L		97	75 - 125
Arsenic	0.0071	J	0.200	0.223		mg/L		108	75 - 125
Barium	0.028		0.200	0.221		mg/L		97	75 - 125
Beryllium	ND		0.200	0.200		mg/L		100	75 - 125
Cadmium	ND		0.200	0.204		mg/L		102	75 - 125
Calcium	349		10.0	350.5	4	mg/L		15	75 - 125
Chromium	0.0011	J	0.200	0.208		mg/L		104	75 - 125
Cobalt	0.0023	J	0.200	0.202		mg/L		100	75 - 125
Copper	ND		0.200	0.204		mg/L		102	75 - 125
Iron	2.1		10.0	11.53		mg/L		95	75 - 125
Lead	0.0059	J	0.200	0.215		mg/L		104	75 - 125
Magnesium	142		10.0	151.8	4	mg/L		99	75 - 125
Manganese	1.5		0.200	1.69	4	mg/L		77	75 - 125
Nickel	0.0066	J	0.200	0.209		mg/L		101	75 - 125
Potassium	2.2		10.0	12.66		mg/L		104	75 - 125
Selenium	ND		0.200	0.192		mg/L		96	75 - 125
Silver	ND		0.0500	0.0473		mg/L		95	75 - 125
Sodium	88.7		10.0	98.52	4	mg/L		98	75 - 125
Thallium	ND		0.200	0.201		mg/L		100	75 - 125
Vanadium	ND		0.200	0.214		mg/L		107	75 - 125
Zinc	0.0032	J	0.200	0.206		mg/L		101	75 - 125

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96750-1

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

Lab Sample ID: 480-96750-5 MSD

Matrix: Ground Water

Analysis Batch: 292086

Client Sample ID: BCC Area E RFI-32 MSD_0316

Prep Type: Total/NA

Prep Batch: 291777

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Aluminum	ND		10.0	9.65		mg/L		96	75 - 125	2	20
Antimony	ND		0.200	0.194		mg/L		97	75 - 125	0	20
Arsenic	0.0071	J	0.200	0.224		mg/L		108	75 - 125	0	20
Barium	0.028		0.200	0.224		mg/L		98	75 - 125	1	20
Beryllium	ND		0.200	0.200		mg/L		100	75 - 125	0	20
Cadmium	ND		0.200	0.203		mg/L		102	75 - 125	0	20
Calcium	349		10.0	355.3	4	mg/L		63	75 - 125	1	20
Chromium	0.0011	J	0.200	0.207		mg/L		103	75 - 125	1	20
Cobalt	0.0023	J	0.200	0.203		mg/L		100	75 - 125	0	20
Copper	ND		0.200	0.205		mg/L		103	75 - 125	0	20
Iron	2.1		10.0	11.47		mg/L		94	75 - 125	1	20
Lead	0.0059	J	0.200	0.214		mg/L		104	75 - 125	0	20
Magnesium	142		10.0	153.0	4	mg/L		111	75 - 125	1	20
Manganese	1.5		0.200	1.73	4	mg/L		93	75 - 125	2	20
Nickel	0.0066	J	0.200	0.210		mg/L		102	75 - 125	0	20
Potassium	2.2		10.0	12.78		mg/L		105	75 - 125	1	20
Selenium	ND		0.200	0.195		mg/L		97	75 - 125	1	20
Silver	ND		0.0500	0.0475		mg/L		95	75 - 125	0	20
Sodium	88.7		10.0	100.4	4	mg/L		117	75 - 125	2	20
Thallium	ND		0.200	0.198		mg/L		99	75 - 125	1	20
Vanadium	ND		0.200	0.213		mg/L		107	75 - 125	1	20
Zinc	0.0032	J	0.200	0.202		mg/L		99	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-292112/1-A

Matrix: Water

Analysis Batch: 292208

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 292112

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/22/16 09:35	03/22/16 13:51	1

Lab Sample ID: LCS 480-292112/2-A

Matrix: Water

Analysis Batch: 292208

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 292112

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00667	0.00657		mg/L		98	80 - 120

Lab Sample ID: 480-96750-5 MS

Matrix: Ground Water

Analysis Batch: 292208

Client Sample ID: BCC Area E RFI-32 MS_0316

Prep Type: Total/NA

Prep Batch: 292112

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	ND		0.00667	0.00555		mg/L		83	80 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96750-1

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

Lab Sample ID: 480-96750-5 MSD

Matrix: Ground Water

Analysis Batch: 292208

Client Sample ID: BCC Area E RFI-32 MSD_0316

Prep Type: Total/NA

Prep Batch: 292112

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00562		mg/L	—	84	80 - 120	1	20

QC Association Summary

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

TestAmerica Job ID: 480-96750-1

GC/MS VOA

Analysis Batch: 291938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-96750-1	BCC Area E R-10_0316	Total/NA	Ground Water	8260C	
480-96750-2	BCC Area E R-11_0316	Total/NA	Ground Water	8260C	
480-96750-3	BCC Area E RFI-17_0316	Total/NA	Ground Water	8260C	
480-96750-4	BCC Area E RFI-29_0316	Total/NA	Ground Water	8260C	
480-96750-6	BCC Area E RFI-33_0316	Total/NA	Ground Water	8260C	
480-96750-7	BCC Area E RFI-51_0316	Total/NA	Ground Water	8260C	
480-96750-8	BCC Area E RFI-PZ-16_0316	Total/NA	Ground Water	8260C	
480-96750-9	BCC Area E MW-E03_0316	Total/NA	Ground Water	8260C	
480-96750-10	BCC Area E MW-E04_0316	Total/NA	Ground Water	8260C	
480-96750-11	BCC Area E MW-E05_0316	Total/NA	Ground Water	8260C	
480-96750-12	BCC Area E MW-E06_0316	Total/NA	Ground Water	8260C	
480-96750-13	BCC Area E MW-E07_0316	Total/NA	Ground Water	8260C	
480-96750-14	BCC Area E RFI-32 D_0316	Total/NA	Ground Water	8260C	
LCS 480-291938/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-291938/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 292061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-96750-5	BCC Area E RFI-32_0316	Total/NA	Ground Water	8260C	
480-96750-5 MS	BCC Area E RFI-32 MS_0316	Total/NA	Ground Water	8260C	
480-96750-5 MSD	BCC Area E RFI-32 MSD_0316	Total/NA	Ground Water	8260C	
480-96750-14 - DL	BCC Area E RFI-32 D_0316	Total/NA	Ground Water	8260C	
480-96750-17	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-292061/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-292061/7	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 291693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-96750-1	BCC Area E R-10_0316	Total/NA	Ground Water	3510C	
480-96750-1 MS	BCC Area E R-10_0316	Total/NA	Ground Water	3510C	
480-96750-1 MSD	BCC Area E R-10_0316	Total/NA	Ground Water	3510C	
480-96750-2	BCC Area E R-11_0316	Total/NA	Ground Water	3510C	
480-96750-3	BCC Area E RFI-17_0316	Total/NA	Ground Water	3510C	
480-96750-4	BCC Area E RFI-29_0316	Total/NA	Ground Water	3510C	
480-96750-5	BCC Area E RFI-32_0316	Total/NA	Ground Water	3510C	
480-96750-5 MS	BCC Area E RFI-32 MS_0316	Total/NA	Ground Water	3510C	
480-96750-5 MSD	BCC Area E RFI-32 MSD_0316	Total/NA	Ground Water	3510C	
480-96750-6	BCC Area E RFI-33_0316	Total/NA	Ground Water	3510C	
480-96750-7	BCC Area E RFI-51_0316	Total/NA	Ground Water	3510C	
480-96750-8	BCC Area E RFI-PZ-16_0316	Total/NA	Ground Water	3510C	
480-96750-9	BCC Area E MW-E03_0316	Total/NA	Ground Water	3510C	
480-96750-10	BCC Area E MW-E04_0316	Total/NA	Ground Water	3510C	
480-96750-10 - DL	BCC Area E MW-E04_0316	Total/NA	Ground Water	3510C	
480-96750-11	BCC Area E MW-E05_0316	Total/NA	Ground Water	3510C	
480-96750-12	BCC Area E MW-E06_0316	Total/NA	Ground Water	3510C	
480-96750-13	BCC Area E MW-E07_0316	Total/NA	Ground Water	3510C	
480-96750-14	BCC Area E RFI-32 D_0316	Total/NA	Ground Water	3510C	
LCS 480-291693/2-A	Lab Control Sample	Total/NA	Water	3510C	

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-96750-1

GC/MS Semi VOA (Continued)

Prep Batch: 291693 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-291693/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 292021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-96750-1	BCC Area E R-10_0316	Total/NA	Ground Water	8270D	291693
480-96750-1 MS	BCC Area E R-10_0316	Total/NA	Ground Water	8270D	291693
480-96750-1 MSD	BCC Area E R-10_0316	Total/NA	Ground Water	8270D	291693
480-96750-2	BCC Area E R-11_0316	Total/NA	Ground Water	8270D	291693
480-96750-3	BCC Area E RFI-17_0316	Total/NA	Ground Water	8270D	291693
480-96750-4	BCC Area E RFI-29_0316	Total/NA	Ground Water	8270D	291693
480-96750-5	BCC Area E RFI-32_0316	Total/NA	Ground Water	8270D	291693
480-96750-5 MS	BCC Area E RFI-32 MS_0316	Total/NA	Ground Water	8270D	291693
480-96750-5 MSD	BCC Area E RFI-32 MSD_0316	Total/NA	Ground Water	8270D	291693
480-96750-6	BCC Area E RFI-33_0316	Total/NA	Ground Water	8270D	291693
480-96750-7	BCC Area E RFI-51_0316	Total/NA	Ground Water	8270D	291693
480-96750-8	BCC Area E RFI-PZ-16_0316	Total/NA	Ground Water	8270D	291693
480-96750-9	BCC Area E MW-E03_0316	Total/NA	Ground Water	8270D	291693
480-96750-10	BCC Area E MW-E04_0316	Total/NA	Ground Water	8270D	291693
480-96750-11	BCC Area E MW-E05_0316	Total/NA	Ground Water	8270D	291693
480-96750-12	BCC Area E MW-E06_0316	Total/NA	Ground Water	8270D	291693
480-96750-13	BCC Area E MW-E07_0316	Total/NA	Ground Water	8270D	291693
480-96750-14	BCC Area E RFI-32 D_0316	Total/NA	Ground Water	8270D	291693
LCS 480-291693/2-A	Lab Control Sample	Total/NA	Water	8270D	291693
MB 480-291693/1-A	Method Blank	Total/NA	Water	8270D	291693

Analysis Batch: 292162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-96750-10 - DL	BCC Area E MW-E04_0316	Total/NA	Ground Water	8270D	291693

Metals

Prep Batch: 291777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-96750-1	BCC Area E R-10_0316	Total/NA	Ground Water	3005A	
480-96750-2	BCC Area E R-11_0316	Total/NA	Ground Water	3005A	
480-96750-3	BCC Area E RFI-17_0316	Total/NA	Ground Water	3005A	
480-96750-4	BCC Area E RFI-29_0316	Total/NA	Ground Water	3005A	
480-96750-5	BCC Area E RFI-32_0316	Total/NA	Ground Water	3005A	
480-96750-5 MS	BCC Area E RFI-32 MS_0316	Total/NA	Ground Water	3005A	
480-96750-5 MSD	BCC Area E RFI-32 MSD_0316	Total/NA	Ground Water	3005A	
480-96750-6	BCC Area E RFI-33_0316	Total/NA	Ground Water	3005A	
480-96750-7	BCC Area E RFI-51_0316	Total/NA	Ground Water	3005A	
480-96750-8	BCC Area E RFI-PZ-16_0316	Total/NA	Ground Water	3005A	
480-96750-9	BCC Area E MW-E03_0316	Total/NA	Ground Water	3005A	
480-96750-10	BCC Area E MW-E04_0316	Total/NA	Ground Water	3005A	
480-96750-11	BCC Area E MW-E05_0316	Total/NA	Ground Water	3005A	
480-96750-12	BCC Area E MW-E06_0316	Total/NA	Ground Water	3005A	
480-96750-13	BCC Area E MW-E07_0316	Total/NA	Ground Water	3005A	
480-96750-14	BCC Area E RFI-32 D_0316	Total/NA	Ground Water	3005A	
480-96750-18	BCC Area E MW-E06F_0316	Total/NA	Water	3005A	

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-96750-1

Metals (Continued)

Prep Batch: 291777 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-96750-19	BCC Area E MW-E07F_0316	Total/NA	Water	3005A	
LCS 480-291777/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-291777/1-A	Method Blank	Total/NA	Water	3005A	

Analysis Batch: 292086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-96750-1	BCC Area E R-10_0316	Total/NA	Ground Water	6010C	291777
480-96750-2	BCC Area E R-11_0316	Total/NA	Ground Water	6010C	291777
480-96750-3	BCC Area E RFI-17_0316	Total/NA	Ground Water	6010C	291777
480-96750-4	BCC Area E RFI-29_0316	Total/NA	Ground Water	6010C	291777
480-96750-5	BCC Area E RFI-32_0316	Total/NA	Ground Water	6010C	291777
480-96750-5 MS	BCC Area E RFI-32 MS_0316	Total/NA	Ground Water	6010C	291777
480-96750-5 MSD	BCC Area E RFI-32 MSD_0316	Total/NA	Ground Water	6010C	291777
480-96750-6	BCC Area E RFI-33_0316	Total/NA	Ground Water	6010C	291777
480-96750-7	BCC Area E RFI-51_0316	Total/NA	Ground Water	6010C	291777
480-96750-8	BCC Area E RFI-PZ-16_0316	Total/NA	Ground Water	6010C	291777
480-96750-9	BCC Area E MW-E03_0316	Total/NA	Ground Water	6010C	291777
480-96750-10	BCC Area E MW-E04_0316	Total/NA	Ground Water	6010C	291777
480-96750-11	BCC Area E MW-E05_0316	Total/NA	Ground Water	6010C	291777
480-96750-12	BCC Area E MW-E06_0316	Total/NA	Ground Water	6010C	291777
480-96750-13	BCC Area E MW-E07_0316	Total/NA	Ground Water	6010C	291777
480-96750-14	BCC Area E RFI-32 D_0316	Total/NA	Ground Water	6010C	291777
480-96750-18	BCC Area E MW-E06F_0316	Total/NA	Water	6010C	291777
480-96750-19	BCC Area E MW-E07F_0316	Total/NA	Water	6010C	291777
LCS 480-291777/2-A	Lab Control Sample	Total/NA	Water	6010C	291777
MB 480-291777/1-A	Method Blank	Total/NA	Water	6010C	291777

Prep Batch: 292112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-96750-1	BCC Area E R-10_0316	Total/NA	Ground Water	7470A	
480-96750-2	BCC Area E R-11_0316	Total/NA	Ground Water	7470A	
480-96750-3	BCC Area E RFI-17_0316	Total/NA	Ground Water	7470A	
480-96750-4	BCC Area E RFI-29_0316	Total/NA	Ground Water	7470A	
480-96750-5	BCC Area E RFI-32_0316	Total/NA	Ground Water	7470A	
480-96750-5 MS	BCC Area E RFI-32 MS_0316	Total/NA	Ground Water	7470A	
480-96750-5 MSD	BCC Area E RFI-32 MSD_0316	Total/NA	Ground Water	7470A	
480-96750-6	BCC Area E RFI-33_0316	Total/NA	Ground Water	7470A	
480-96750-7	BCC Area E RFI-51_0316	Total/NA	Ground Water	7470A	
480-96750-8	BCC Area E RFI-PZ-16_0316	Total/NA	Ground Water	7470A	
480-96750-9	BCC Area E MW-E03_0316	Total/NA	Ground Water	7470A	
480-96750-10	BCC Area E MW-E04_0316	Total/NA	Ground Water	7470A	
480-96750-11	BCC Area E MW-E05_0316	Total/NA	Ground Water	7470A	
480-96750-12	BCC Area E MW-E06_0316	Total/NA	Ground Water	7470A	
480-96750-13	BCC Area E MW-E07_0316	Total/NA	Ground Water	7470A	
480-96750-14	BCC Area E RFI-32 D_0316	Total/NA	Ground Water	7470A	
480-96750-18	BCC Area E MW-E06F_0316	Total/NA	Water	7470A	
480-96750-19	BCC Area E MW-E07F_0316	Total/NA	Water	7470A	
LCS 480-292112/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-292112/1-A	Method Blank	Total/NA	Water	7470A	

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-96750-1

Metals (Continued)

Analysis Batch: 292208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-96750-1	BCC Area E R-10_0316	Total/NA	Ground Water	7470A	292112
480-96750-2	BCC Area E R-11_0316	Total/NA	Ground Water	7470A	292112
480-96750-3	BCC Area E RFI-17_0316	Total/NA	Ground Water	7470A	292112
480-96750-4	BCC Area E RFI-29_0316	Total/NA	Ground Water	7470A	292112
480-96750-5	BCC Area E RFI-32_0316	Total/NA	Ground Water	7470A	292112
480-96750-5 MS	BCC Area E RFI-32 MS_0316	Total/NA	Ground Water	7470A	292112
480-96750-5 MSD	BCC Area E RFI-32 MSD_0316	Total/NA	Ground Water	7470A	292112
480-96750-6	BCC Area E RFI-33_0316	Total/NA	Ground Water	7470A	292112
480-96750-7	BCC Area E RFI-51_0316	Total/NA	Ground Water	7470A	292112
480-96750-8	BCC Area E RFI-PZ-16_0316	Total/NA	Ground Water	7470A	292112
480-96750-9	BCC Area E MW-E03_0316	Total/NA	Ground Water	7470A	292112
480-96750-10	BCC Area E MW-E04_0316	Total/NA	Ground Water	7470A	292112
480-96750-11	BCC Area E MW-E05_0316	Total/NA	Ground Water	7470A	292112
480-96750-12	BCC Area E MW-E06_0316	Total/NA	Ground Water	7470A	292112
480-96750-13	BCC Area E MW-E07_0316	Total/NA	Ground Water	7470A	292112
480-96750-14	BCC Area E RFI-32 D_0316	Total/NA	Ground Water	7470A	292112
480-96750-18	BCC Area E MW-E06F_0316	Total/NA	Water	7470A	292112
480-96750-19	BCC Area E MW-E07F_0316	Total/NA	Water	7470A	292112
LCS 480-292112/2-A	Lab Control Sample	Total/NA	Water	7470A	292112
MB 480-292112/1-A	Method Blank	Total/NA	Water	7470A	292112

Lab Chronicle

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E R-10_0316

Date Collected: 03/15/16 14:10

Date Received: 03/17/16 13:30

Lab Sample ID: 480-96750-1

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	291938	03/21/16 12:39	GVF	TAL BUF
Total/NA	Prep	3510C			291693	03/18/16 08:46	RJS	TAL BUF
Total/NA	Analysis	8270D		1	292021	03/21/16 18:23	PJQ	TAL BUF
Total/NA	Prep	3005A			291777	03/21/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	292086	03/21/16 16:10	SLB	TAL BUF
Total/NA	Prep	7470A			292112	03/22/16 09:35	TAS	TAL BUF
Total/NA	Analysis	7470A		1	292208	03/22/16 13:54	TAS	TAL BUF

Client Sample ID: BCC Area E R-11_0316

Date Collected: 03/15/16 12:50

Date Received: 03/17/16 13:30

Lab Sample ID: 480-96750-2

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	291938	03/21/16 13:03	GVF	TAL BUF
Total/NA	Prep	3510C			291693	03/18/16 08:46	RJS	TAL BUF
Total/NA	Analysis	8270D		1	292021	03/21/16 18:53	PJQ	TAL BUF
Total/NA	Prep	3005A			291777	03/21/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	292086	03/21/16 16:13	SLB	TAL BUF
Total/NA	Prep	7470A			292112	03/22/16 09:35	TAS	TAL BUF
Total/NA	Analysis	7470A		1	292208	03/22/16 13:56	TAS	TAL BUF

Client Sample ID: BCC Area E RFI-17_0316

Date Collected: 03/16/16 08:30

Date Received: 03/17/16 13:30

Lab Sample ID: 480-96750-3

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	291938	03/21/16 13:26	GVF	TAL BUF
Total/NA	Prep	3510C			291693	03/18/16 08:46	RJS	TAL BUF
Total/NA	Analysis	8270D		1	292021	03/21/16 19:22	PJQ	TAL BUF
Total/NA	Prep	3005A			291777	03/21/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	292086	03/21/16 16:16	SLB	TAL BUF
Total/NA	Prep	7470A			292112	03/22/16 09:35	TAS	TAL BUF
Total/NA	Analysis	7470A		1	292208	03/22/16 13:58	TAS	TAL BUF

Client Sample ID: BCC Area E RFI-29_0316

Date Collected: 03/16/16 09:20

Date Received: 03/17/16 13:30

Lab Sample ID: 480-96750-4

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	291938	03/21/16 13:50	GVF	TAL BUF
Total/NA	Prep	3510C			291693	03/18/16 08:46	RJS	TAL BUF
Total/NA	Analysis	8270D		1	292021	03/21/16 19:51	PJQ	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-29_0316

Lab Sample ID: 480-96750-4

Date Collected: 03/16/16 09:20

Matrix: Ground Water

Date Received: 03/17/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			291777	03/21/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	292086	03/21/16 16:19	SLB	TAL BUF
Total/NA	Prep	7470A			292112	03/22/16 09:35	TAS	TAL BUF
Total/NA	Analysis	7470A		1	292208	03/22/16 14:00	TAS	TAL BUF

Client Sample ID: BCC Area E RFI-32_0316

Lab Sample ID: 480-96750-5

Date Collected: 03/15/16 10:35

Matrix: Ground Water

Date Received: 03/17/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	292061	03/22/16 01:35	SWO	TAL BUF
Total/NA	Prep	3510C			291693	03/18/16 08:46	RJS	TAL BUF
Total/NA	Analysis	8270D		1	292021	03/21/16 20:20	PJQ	TAL BUF
Total/NA	Prep	3005A			291777	03/21/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	292086	03/21/16 16:22	SLB	TAL BUF
Total/NA	Prep	7470A			292112	03/22/16 09:35	TAS	TAL BUF
Total/NA	Analysis	7470A		1	292208	03/22/16 14:01	TAS	TAL BUF

Client Sample ID: BCC Area E RFI-33_0316

Lab Sample ID: 480-96750-6

Date Collected: 03/16/16 10:30

Matrix: Ground Water

Date Received: 03/17/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	291938	03/21/16 14:37	GVF	TAL BUF
Total/NA	Prep	3510C			291693	03/18/16 08:46	RJS	TAL BUF
Total/NA	Analysis	8270D		1	292021	03/21/16 20:50	PJQ	TAL BUF
Total/NA	Prep	3005A			291777	03/21/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	292086	03/21/16 16:51	SLB	TAL BUF
Total/NA	Prep	7470A			292112	03/22/16 09:35	TAS	TAL BUF
Total/NA	Analysis	7470A		1	292208	03/22/16 14:12	TAS	TAL BUF

Client Sample ID: BCC Area E RFI-51_0316

Lab Sample ID: 480-96750-7

Date Collected: 03/17/16 08:40

Matrix: Ground Water

Date Received: 03/17/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	291938	03/21/16 15:01	GVF	TAL BUF
Total/NA	Prep	3510C			291693	03/18/16 08:46	RJS	TAL BUF
Total/NA	Analysis	8270D		1	292021	03/21/16 21:19	PJQ	TAL BUF
Total/NA	Prep	3005A			291777	03/21/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	292086	03/21/16 16:47	SLB	TAL BUF
Total/NA	Prep	7470A			292112	03/22/16 09:35	TAS	TAL BUF
Total/NA	Analysis	7470A		1	292208	03/22/16 14:14	TAS	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E RFI-PZ-16_0316

Lab Sample ID: 480-96750-8

Date Collected: 03/17/16 09:40

Matrix: Ground Water

Date Received: 03/17/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	291938	03/21/16 15:25	GVF	TAL BUF
Total/NA	Prep	3510C			291693	03/18/16 08:46	RJS	TAL BUF
Total/NA	Analysis	8270D		1	292021	03/21/16 21:48	PJQ	TAL BUF
Total/NA	Prep	3005A			291777	03/21/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	292086	03/21/16 16:54	SLB	TAL BUF
Total/NA	Prep	7470A			292112	03/22/16 09:35	TAS	TAL BUF
Total/NA	Analysis	7470A		1	292208	03/22/16 14:15	TAS	TAL BUF

Client Sample ID: BCC Area E MW-E03_0316

Lab Sample ID: 480-96750-9

Date Collected: 03/15/16 12:15

Matrix: Ground Water

Date Received: 03/17/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	291938	03/21/16 15:49	GVF	TAL BUF
Total/NA	Prep	3510C			291693	03/18/16 08:46	RJS	TAL BUF
Total/NA	Analysis	8270D		1	292021	03/21/16 22:17	PJQ	TAL BUF
Total/NA	Prep	3005A			291777	03/21/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	292086	03/21/16 16:57	SLB	TAL BUF
Total/NA	Prep	7470A			292112	03/22/16 09:35	TAS	TAL BUF
Total/NA	Analysis	7470A		1	292208	03/22/16 14:17	TAS	TAL BUF

Client Sample ID: BCC Area E MW-E04_0316

Lab Sample ID: 480-96750-10

Date Collected: 03/16/16 07:40

Matrix: Ground Water

Date Received: 03/17/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	291938	03/21/16 16:13	GVF	TAL BUF
Total/NA	Prep	3510C			291693	03/18/16 08:46	RJS	TAL BUF
Total/NA	Analysis	8270D		20	292021	03/21/16 22:46	PJQ	TAL BUF
Total/NA	Prep	3510C	DL		291693	03/18/16 08:46	RJS	TAL BUF
Total/NA	Analysis	8270D	DL	200	292162	03/22/16 19:36	PJQ	TAL BUF
Total/NA	Prep	3005A			291777	03/21/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	292086	03/21/16 17:00	SLB	TAL BUF
Total/NA	Prep	7470A			292112	03/22/16 09:35	TAS	TAL BUF
Total/NA	Analysis	7470A		1	292208	03/22/16 14:20	TAS	TAL BUF

Client Sample ID: BCC Area E MW-E05_0316

Lab Sample ID: 480-96750-11

Date Collected: 03/16/16 11:20

Matrix: Ground Water

Date Received: 03/17/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	291938	03/21/16 16:36	GVF	TAL BUF
Total/NA	Prep	3510C			291693	03/18/16 08:46	RJS	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-96750-1

Client Sample ID: BCC Area E MW-E05_0316

Lab Sample ID: 480-96750-11

Date Collected: 03/16/16 11:20

Matrix: Ground Water

Date Received: 03/17/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8270D		1	292021	03/21/16 23:15	PJQ	TAL BUF
Total/NA	Prep	3005A			291777	03/21/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	292086	03/21/16 17:04	SLB	TAL BUF
Total/NA	Prep	7470A			292112	03/22/16 09:35	TAS	TAL BUF
Total/NA	Analysis	7470A		1	292208	03/22/16 14:21	TAS	TAL BUF

Client Sample ID: BCC Area E MW-E06_0316

Lab Sample ID: 480-96750-12

Date Collected: 03/16/16 13:00

Matrix: Ground Water

Date Received: 03/17/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	291938	03/21/16 16:59	GVF	TAL BUF
Total/NA	Prep	3510C			291693	03/18/16 08:46	RJS	TAL BUF
Total/NA	Analysis	8270D		1	292021	03/21/16 23:44	PJQ	TAL BUF
Total/NA	Prep	3005A			291777	03/21/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	292086	03/21/16 17:07	SLB	TAL BUF
Total/NA	Prep	7470A			292112	03/22/16 09:35	TAS	TAL BUF
Total/NA	Analysis	7470A		1	292208	03/22/16 14:23	TAS	TAL BUF

Client Sample ID: BCC Area E MW-E07_0316

Lab Sample ID: 480-96750-13

Date Collected: 03/16/16 14:10

Matrix: Ground Water

Date Received: 03/17/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	291938	03/21/16 17:23	GVF	TAL BUF
Total/NA	Prep	3510C			291693	03/18/16 08:46	RJS	TAL BUF
Total/NA	Analysis	8270D		1	292021	03/22/16 00:13	PJQ	TAL BUF
Total/NA	Prep	3005A			291777	03/21/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	292086	03/21/16 17:10	SLB	TAL BUF
Total/NA	Prep	7470A			292112	03/22/16 09:35	TAS	TAL BUF
Total/NA	Analysis	7470A		1	292208	03/22/16 14:29	TAS	TAL BUF

Client Sample ID: BCC Area E RFI-32 D_0316

Lab Sample ID: 480-96750-14

Date Collected: 03/15/16 10:45

Matrix: Ground Water

Date Received: 03/17/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	291938	03/21/16 17:46	GVF	TAL BUF
Total/NA	Analysis	8260C	DL	10	292061	03/22/16 01:59	SWO	TAL BUF
Total/NA	Prep	3510C			291693	03/18/16 08:46	RJS	TAL BUF
Total/NA	Analysis	8270D		10	292021	03/22/16 00:42	PJQ	TAL BUF
Total/NA	Prep	3005A			291777	03/21/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	292086	03/21/16 17:23	SLB	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-96750-1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			292112	03/22/16 09:35	TAS	TAL BUF
Total/NA	Analysis	7470A		1	292208	03/22/16 14:30	TAS	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-96750-17

Date Collected: 03/15/16 00:00

Matrix: Water

Date Received: 03/17/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	292061	03/22/16 02:23	SWO	TAL BUF

Client Sample ID: BCC Area E MW-E06F_0316

Lab Sample ID: 480-96750-18

Date Collected: 03/16/16 13:10

Matrix: Water

Date Received: 03/17/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			291777	03/21/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	292086	03/21/16 17:26	SLB	TAL BUF
Total/NA	Prep	7470A			292112	03/22/16 09:35	TAS	TAL BUF
Total/NA	Analysis	7470A		1	292208	03/22/16 14:32	TAS	TAL BUF

Client Sample ID: BCC Area E MW-E07F_0316

Lab Sample ID: 480-96750-19

Date Collected: 03/16/16 14:20

Matrix: Water

Date Received: 03/17/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			291777	03/21/16 07:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	292086	03/21/16 17:29	SLB	TAL BUF
Total/NA	Prep	7470A			292112	03/22/16 09:35	TAS	TAL BUF
Total/NA	Analysis	7470A		1	292208	03/22/16 14:34	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 E Wells

TestAmerica Job ID: 480-96750-1

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	03-31-16 *

* Certification renewal pending - certification considered valid.

TestAmerica Buffalo

Method Summary

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

TestAmerica Job ID: 480-96750-1

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 E Wells

TestAmerica Job ID: 480-96750-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-96750-1	BCC Area E R-10_0316	Ground Water	03/15/16 14:10	03/17/16 13:30
480-96750-2	BCC Area E R-11_0316	Ground Water	03/15/16 12:50	03/17/16 13:30
480-96750-3	BCC Area E RFI-17_0316	Ground Water	03/16/16 08:30	03/17/16 13:30
480-96750-4	BCC Area E RFI-29_0316	Ground Water	03/16/16 09:20	03/17/16 13:30
480-96750-5	BCC Area E RFI-32_0316	Ground Water	03/15/16 10:35	03/17/16 13:30
480-96750-6	BCC Area E RFI-33_0316	Ground Water	03/16/16 10:30	03/17/16 13:30
480-96750-7	BCC Area E RFI-51_0316	Ground Water	03/17/16 08:40	03/17/16 13:30
480-96750-8	BCC Area E RFI-PZ-16_0316	Ground Water	03/17/16 09:40	03/17/16 13:30
480-96750-9	BCC Area E MW-E03_0316	Ground Water	03/15/16 12:15	03/17/16 13:30
480-96750-10	BCC Area E MW-E04_0316	Ground Water	03/16/16 07:40	03/17/16 13:30
480-96750-11	BCC Area E MW-E05_0316	Ground Water	03/16/16 11:20	03/17/16 13:30
480-96750-12	BCC Area E MW-E06_0316	Ground Water	03/16/16 13:00	03/17/16 13:30
480-96750-13	BCC Area E MW-E07_0316	Ground Water	03/16/16 14:10	03/17/16 13:30
480-96750-14	BCC Area E RFI-32 D_0316	Ground Water	03/15/16 10:45	03/17/16 13:30
480-96750-17	TRIP BLANK	Water	03/15/16 00:00	03/17/16 13:30
480-96750-18	BCC Area E MW-E06F_0316	Water	03/16/16 13:10	03/17/16 13:30
480-96750-19	BCC Area E MW-E07F_0316	Water	03/16/16 14:20	03/17/16 13:30

10 Hazelwood Drive
Amherst, NY 14228
phone 716.504.9852

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

[illegible]

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-96750-1

Login Number: 96750

List Source: TestAmerica Buffalo

List Number: 1

Creator: Conway, Curtis R

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	

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: 480-100964-1

Client Project/Site: Buffalo Color Area E Wells

Sampling Event: Buffalo Color Area E Wells

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Kirsten Colligan



Authorized for release by:

6/14/2016 11:54:42 AM

John Schove, Project Manager II

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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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Definitions/Glossary

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

TestAmerica Job ID: 480-100964-1

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.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits

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
F1	MS and/or MSD Recovery is outside acceptance limits.
E	Result exceeded calibration range.

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.
α	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)

Case Narrative

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

TestAmerica Job ID: 480-100964-1

Job ID: 480-100964-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-100964-1

Comments

No additional comments.

Receipt

The samples were received on 6/1/2016 4:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.7° C and 4.6° C.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-304863 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane, Carbon tetrachloride, Cyclohexane, Methylcyclohexane and Trichlorofluoromethane. The samples associated with this CCV were non-detect for the affected analytes; therefore, the data has been reported. The following sample is impacted: BCC Area E RFI-32_0616 (480-100964-5).

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area E RFI-32_0616 (480-100964-5), (480-100964-D-5 MS) and (480-100964-D-5 MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-305367 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane and Cyclohexane. 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 E RFI-33_0616 (480-100964-6), BCC Area E RFI-51_0616 (480-100964-7), BCC Area E RFI-PZ-16_0616 (480-100964-8), BCC Area E MW-E03_0616 (480-100964-9), BCC Area E MW-E04_0616 (480-100964-10), BCC Area E MW-E05_0616 (480-100964-11), BCC Area E MW-E06_0616 (480-100964-12) and BCC Area E MW-E07_0616 (480-100964-13).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-305764 recovered outside acceptance criteria, low biased, for 4-Methyl-2-pentanone (MIBK), Chloromethane and Vinyl chloride. 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 sample is affected: BCC Area E RFI-29 D_0616 (480-100964-14).

Method(s) 8260C: The results reported for the following sample do not concur with results previously reported for this site: BCC Area E R-11_0616 (480-100964-2) and BCC Area E RFI-29 D_0616 (480-100964-14). Reanalysis was performed, and the result confirmed.

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: Six surrogates are used for this analysis. The laboratory's SOP allows two of these surrogates to be outside acceptance criteria without performing re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: BCC Area E RFI-32_0616 (480-100964-5), BCC Area E RFI-51_0616 (480-100964-7), BCC Area E RFI-PZ-16_0616 (480-100964-8) and BCC Area E MW-E07_0616 (480-100964-13). These results have been reported and qualified.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-305211 recovered outside acceptance criteria, low biased, for bis (2-chloroisopropyl) ether, Isophorone 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.

Method(s) 8270D: The laboratory control sample (LCS) for preparation batch 480-304690 and analytical batch 480-305211 recovered outside control limits for the following analyte: Benzaldehyde. This analyte was biased high in the LCS and were not below the reporting limit in the associated samples; therefore, the data have been reported.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-305262 recovered outside acceptance criteria, low biased, for bis (2-chloroisopropyl) ether, 2-Nitroaniline, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether, Bis(2-ethylhexyl) phthalate, Isophorone, N-Nitrosodi-n-propylamine and Phenol. 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.

Case Narrative

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

TestAmerica Job ID: 480-100964-1

Job ID: 480-100964-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method(s) 8270D: The laboratory control sample (LCS) for preparation batch 480-304690 and analytical batch 480-305262 recovered outside control limits for the following analyte: Benzaldehyde. This analyte was biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8270D: The following sample was diluted due to the nature of the sample matrix : BCC Area E MW-E04_0616 (480-100964-10) and BCC Area E RFI-29 D_0616 (480-100964-14). As such, surrogate recoveries are not reported, and 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.

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 E Wells

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E R-10_0616

Lab Sample ID: 480-100964-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzaldehyde	0.28	J *	4.6	0.25	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	3.1	J	4.6	0.29	ug/L	1		8270D	Total/NA
Aluminum	0.070	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.064		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	39.8	B	0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0022	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0068	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	6.7		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	11.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.10		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	1.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	30.0		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0073	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E R-11_0616

Lab Sample ID: 480-100964-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzaldehyde	0.29	J *	4.7	0.25	ug/L	1		8270D	Total/NA
Barium	0.040		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	28.2	B	0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.0082	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.81		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	10.5		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.0090		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	1.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	11.3		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.47		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-17_0616

Lab Sample ID: 480-100964-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzaldehyde	0.34	J *	4.7	0.25	ug/L	1		8270D	Total/NA
Barium	0.036		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	234	B	0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0016	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	0.026	J	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	37.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.023		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0015	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	13.8		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: BCC Area E RFI-29_0616

Lab Sample ID: 480-100964-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	1.7		1.0	0.79	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	3.2		1.0	0.84	ug/L	1		8260C	Total/NA
Chlorobenzene	9.0		1.0	0.75	ug/L	1		8260C	Total/NA
Arsenic	0.0093	J	0.015	0.0056	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-29_0616 (Continued)

Lab Sample ID: 480-100964-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.11		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	61.2	B	0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.040	J	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	10.5		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.068		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	3.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	148		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-32_0616

Lab Sample ID: 480-100964-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	1700	F1	20	15	ug/L	20		8260C	Total/NA
2-Chlorophenol	9.2		4.7	0.50	ug/L	1		8270D	Total/NA
Benzaldehyde	0.28	J *	4.7	0.25	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.93	J	4.7	0.29	ug/L	1		8270D	Total/NA
Aluminum	0.14	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0076	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.037		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	226	B	0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0037	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0046	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	5.8		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	82.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.88		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0056	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	58.8		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0070	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-33_0616

Lab Sample ID: 480-100964-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzaldehyde	0.37	J *	4.7	0.25	ug/L	1		8270D	Total/NA
Barium	0.059		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00060	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	119	B	0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.075		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0042		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0044	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	1.4		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	43.5		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.25		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.85		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	0.66		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	294		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 E RFI-51_0616

Lab Sample ID: 480-100964-7

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-51_0616 (Continued)

Lab Sample ID: 480-100964-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.35		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.018		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	393	B	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	0.00079	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	12.5		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0041	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	105		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.2		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	16.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	115		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0018	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-PZ-16_0616

Lab Sample ID: 480-100964-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.7	J	10	3.0	ug/L	1		8260C	Total/NA
Barium	0.074		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	229	B	0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0015	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0015	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	4.5		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	57.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.56		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0046	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	6.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	20.4		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.14		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E MW-E03_0616

Lab Sample ID: 480-100964-9

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
Aluminum	0.19	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.051		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	191	B	0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.63		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	19.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.060		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	5.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	28.6		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.015		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E MW-E04_0616

Lab Sample ID: 480-100964-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	0.70	J	1.0	0.41	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E MW-E04_0616 (Continued)

Lab Sample ID: 480-100964-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	2.1		1.0	0.79	ug/L	1		8260C	Total/NA
Chlorobenzene	1.1		1.0	0.75	ug/L	1		8260C	Total/NA
Toluene	1.4		1.0	0.51	ug/L	1		8260C	Total/NA
2,4-Dinitrotoluene	270	J	940	84	ug/L	200		8270D	Total/NA
2,6-Dinitrotoluene	540	J	940	75	ug/L	200		8270D	Total/NA
Aluminum	2.7		0.20	0.060	mg/L	1		6010C	Total/NA
Antimony	0.052		0.020	0.0068	mg/L	1		6010C	Total/NA
Arsenic	0.011	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.074		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	162	B	0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0040		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0022	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0083	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	2.5		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	35.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.65		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0089	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	7.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	13.4		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0046	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.14		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E MW-E05_0616

Lab Sample ID: 480-100964-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	43		1.0	0.75	ug/L	1		8260C	Total/NA
2,6-Dinitrotoluene	0.43	J	4.7	0.38	ug/L	1		8270D	Total/NA
Benzaldehyde	0.26	J *	4.7	0.25	ug/L	1		8270D	Total/NA
Aluminum	0.22		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0062	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.027		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.011		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	130	B	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	0.014		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.13		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.44		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.058		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	13.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.22		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.016		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	5.5		0.50	0.10	mg/L	1		6010C	Total/NA
Selenium	0.030		0.025	0.0087	mg/L	1		6010C	Total/NA
Sodium	60.6		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	3.3		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E MW-E06_0616

Lab Sample ID: 480-100964-12

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E MW-E06_0616 (Continued)

Lab Sample ID: 480-100964-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.2	J	10	3.0	ug/L	1		8260C	Total/NA
Benzaldehyde	0.27	J *	4.7	0.25	ug/L	1		8270D	Total/NA
Aluminum	1.2		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.021		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.056		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	330	B	0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0029	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.013		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.015		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	73.6		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0089	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	22.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.1		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.016		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	4.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	39.9		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0030	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.92		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E MW-E07_0616

Lab Sample ID: 480-100964-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.8	J	10	3.0	ug/L	1		8260C	Total/NA
Acenaphthene	8.7		4.7	0.38	ug/L	1		8270D	Total/NA
Anthracene	1.3	J	4.7	0.26	ug/L	1		8270D	Total/NA
Carbazole	0.43	J	4.7	0.28	ug/L	1		8270D	Total/NA
Dibenzofuran	3.0	J	9.3	0.47	ug/L	1		8270D	Total/NA
Fluoranthene	2.8	J	4.7	0.37	ug/L	1		8270D	Total/NA
Fluorene	6.3		4.7	0.34	ug/L	1		8270D	Total/NA
Pyrene	1.7	J	4.7	0.32	ug/L	1		8270D	Total/NA
Aluminum	0.092	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.034		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.014		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	118	B	0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0039	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	34.0		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0084	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	12.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.15		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	7.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	11.6		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.086		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-29 D_0616

Lab Sample ID: 480-100964-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	1.6		1.0	0.79	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	3.0		1.0	0.84	ug/L	1		8260C	Total/NA
Chlorobenzene	9.0		1.0	0.75	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-29 D_0616 (Continued)

Lab Sample ID: 480-100964-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0089	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.12		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	62.3	B	0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0031	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	0.052		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	10.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.067		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	3.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	154		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-100964-15

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E R-10_0616

Lab Sample ID: 480-100964-1

Date Collected: 05/31/16 12:45

Matrix: Ground Water

Date Received: 06/01/16 16:00

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			06/06/16 18:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/06/16 18:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/06/16 18:33	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/06/16 18:33	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/06/16 18:33	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/06/16 18:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/06/16 18:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/06/16 18:33	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/06/16 18:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/06/16 18:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/06/16 18:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/06/16 18:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/06/16 18:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/06/16 18:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/06/16 18:33	1
2-Hexanone	ND		5.0	1.2	ug/L			06/06/16 18:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/06/16 18:33	1
Acetone	ND		10	3.0	ug/L			06/06/16 18:33	1
Benzene	ND		1.0	0.41	ug/L			06/06/16 18:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/06/16 18:33	1
Bromoform	ND		1.0	0.26	ug/L			06/06/16 18:33	1
Bromomethane	ND		1.0	0.69	ug/L			06/06/16 18:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/06/16 18:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/06/16 18:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/06/16 18:33	1
Chloroethane	ND		1.0	0.32	ug/L			06/06/16 18:33	1
Chloroform	ND		1.0	0.34	ug/L			06/06/16 18:33	1
Chloromethane	ND		1.0	0.35	ug/L			06/06/16 18:33	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/06/16 18:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/06/16 18:33	1
Cyclohexane	ND		1.0	0.18	ug/L			06/06/16 18:33	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/06/16 18:33	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/06/16 18:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/06/16 18:33	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/06/16 18:33	1
Methyl acetate	ND		2.5	1.3	ug/L			06/06/16 18:33	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/06/16 18:33	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/06/16 18:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/06/16 18:33	1
Styrene	ND		1.0	0.73	ug/L			06/06/16 18:33	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/06/16 18:33	1
Toluene	ND		1.0	0.51	ug/L			06/06/16 18:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/06/16 18:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/06/16 18:33	1
Trichloroethene	ND		1.0	0.46	ug/L			06/06/16 18:33	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/06/16 18:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/06/16 18:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/06/16 18:33	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E R-10_0616

Lab Sample ID: 480-100964-1

Date Collected: 05/31/16 12:45

Matrix: Ground Water

Date Received: 06/01/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		66 - 137		06/06/16 18:33	1
4-Bromofluorobenzene (Surr)	95		73 - 120		06/06/16 18:33	1
Toluene-d8 (Surr)	97		71 - 126		06/06/16 18:33	1
Dibromofluoromethane (Surr)	104		60 - 140		06/06/16 18:33	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		06/02/16 08:05	06/06/16 13:36	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		06/02/16 08:05	06/06/16 13:36	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		06/02/16 08:05	06/06/16 13:36	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		06/02/16 08:05	06/06/16 13:36	1
2,4-Dinitrophenol	ND		9.2	2.1	ug/L		06/02/16 08:05	06/06/16 13:36	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		06/02/16 08:05	06/06/16 13:36	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		06/02/16 08:05	06/06/16 13:36	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		06/02/16 08:05	06/06/16 13:36	1
2-Chlorophenol	ND		4.6	0.49	ug/L		06/02/16 08:05	06/06/16 13:36	1
2-Methylnaphthalene	ND		4.6	0.55	ug/L		06/02/16 08:05	06/06/16 13:36	1
2-Methylphenol	ND		4.6	0.37	ug/L		06/02/16 08:05	06/06/16 13:36	1
2-Nitroaniline	ND		9.2	0.39	ug/L		06/02/16 08:05	06/06/16 13:36	1
2-Nitrophenol	ND		4.6	0.44	ug/L		06/02/16 08:05	06/06/16 13:36	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		06/02/16 08:05	06/06/16 13:36	1
3-Nitroaniline	ND		9.2	0.44	ug/L		06/02/16 08:05	06/06/16 13:36	1
4,6-Dinitro-2-methylphenol	ND		9.2	2.0	ug/L		06/02/16 08:05	06/06/16 13:36	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		06/02/16 08:05	06/06/16 13:36	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		06/02/16 08:05	06/06/16 13:36	1
4-Chloroaniline	ND		4.6	0.55	ug/L		06/02/16 08:05	06/06/16 13:36	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		06/02/16 08:05	06/06/16 13:36	1
4-Methylphenol	ND		9.2	0.33	ug/L		06/02/16 08:05	06/06/16 13:36	1
4-Nitroaniline	ND		9.2	0.23	ug/L		06/02/16 08:05	06/06/16 13:36	1
4-Nitrophenol	ND		9.2	1.4	ug/L		06/02/16 08:05	06/06/16 13:36	1
Acenaphthene	ND		4.6	0.38	ug/L		06/02/16 08:05	06/06/16 13:36	1
Acenaphthylene	ND		4.6	0.35	ug/L		06/02/16 08:05	06/06/16 13:36	1
Acetophenone	ND		4.6	0.50	ug/L		06/02/16 08:05	06/06/16 13:36	1
Aniline	ND		9.2	0.56	ug/L		06/02/16 08:05	06/06/16 13:36	1
Anthracene	ND		4.6	0.26	ug/L		06/02/16 08:05	06/06/16 13:36	1
Atrazine	ND		4.6	0.43	ug/L		06/02/16 08:05	06/06/16 13:36	1
Benzaldehyde	0.28	J *	4.6	0.25	ug/L		06/02/16 08:05	06/06/16 13:36	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		06/02/16 08:05	06/06/16 13:36	1
Benzo(a)pyrene	ND		4.6	0.43	ug/L		06/02/16 08:05	06/06/16 13:36	1
Benzo(b)fluoranthene	ND		4.6	0.31	ug/L		06/02/16 08:05	06/06/16 13:36	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		06/02/16 08:05	06/06/16 13:36	1
Benzo(k)fluoranthene	ND		4.6	0.67	ug/L		06/02/16 08:05	06/06/16 13:36	1
Biphenyl	ND		4.6	0.60	ug/L		06/02/16 08:05	06/06/16 13:36	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		06/02/16 08:05	06/06/16 13:36	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		06/02/16 08:05	06/06/16 13:36	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		06/02/16 08:05	06/06/16 13:36	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		06/02/16 08:05	06/06/16 13:36	1
Butyl benzyl phthalate	ND		4.6	0.92	ug/L		06/02/16 08:05	06/06/16 13:36	1
Caprolactam	ND		4.6	2.0	ug/L		06/02/16 08:05	06/06/16 13:36	1
Carbazole	ND		4.6	0.28	ug/L		06/02/16 08:05	06/06/16 13:36	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E R-10_0616

Lab Sample ID: 480-100964-1

Date Collected: 05/31/16 12:45

Matrix: Ground Water

Date Received: 06/01/16 16:00

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		06/02/16 08:05	06/06/16 13:36	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		06/02/16 08:05	06/06/16 13:36	1
Dibenzofuran	ND		9.2	0.47	ug/L		06/02/16 08:05	06/06/16 13:36	1
Diethyl phthalate	ND		4.6	0.20	ug/L		06/02/16 08:05	06/06/16 13:36	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		06/02/16 08:05	06/06/16 13:36	1
Di-n-butyl phthalate	3.1	J	4.6	0.29	ug/L		06/02/16 08:05	06/06/16 13:36	1
Di-n-octyl phthalate	ND		4.6	0.43	ug/L		06/02/16 08:05	06/06/16 13:36	1
Fluoranthene	ND		4.6	0.37	ug/L		06/02/16 08:05	06/06/16 13:36	1
Fluorene	ND		4.6	0.33	ug/L		06/02/16 08:05	06/06/16 13:36	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		06/02/16 08:05	06/06/16 13:36	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		06/02/16 08:05	06/06/16 13:36	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		06/02/16 08:05	06/06/16 13:36	1
Hexachloroethane	ND		4.6	0.55	ug/L		06/02/16 08:05	06/06/16 13:36	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.43	ug/L		06/02/16 08:05	06/06/16 13:36	1
Isophorone	ND		4.6	0.40	ug/L		06/02/16 08:05	06/06/16 13:36	1
Naphthalene	ND		4.6	0.70	ug/L		06/02/16 08:05	06/06/16 13:36	1
Nitrobenzene	ND		4.6	0.27	ug/L		06/02/16 08:05	06/06/16 13:36	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		06/02/16 08:05	06/06/16 13:36	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		06/02/16 08:05	06/06/16 13:36	1
Pentachlorophenol	ND		9.2	2.0	ug/L		06/02/16 08:05	06/06/16 13:36	1
Phenanthrene	ND		4.6	0.41	ug/L		06/02/16 08:05	06/06/16 13:36	1
Phenol	ND		4.6	0.36	ug/L		06/02/16 08:05	06/06/16 13:36	1
Pyrene	ND		4.6	0.31	ug/L		06/02/16 08:05	06/06/16 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	120		52 - 132	06/02/16 08:05	06/06/16 13:36	1
2-Fluorobiphenyl	82		48 - 120	06/02/16 08:05	06/06/16 13:36	1
2-Fluorophenol	48		20 - 120	06/02/16 08:05	06/06/16 13:36	1
Nitrobenzene-d5	80		46 - 120	06/02/16 08:05	06/06/16 13:36	1
Phenol-d5	34		16 - 120	06/02/16 08:05	06/06/16 13:36	1
p-Terphenyl-d14	88		67 - 150	06/02/16 08:05	06/06/16 13:36	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.070	J	0.20	0.060	mg/L		06/02/16 08:25	06/02/16 19:55	1
Antimony	ND		0.020	0.0068	mg/L		06/02/16 08:25	06/02/16 19:55	1
Arsenic	ND		0.015	0.0056	mg/L		06/02/16 08:25	06/02/16 19:55	1
Barium	0.064		0.0020	0.00070	mg/L		06/02/16 08:25	06/02/16 19:55	1
Beryllium	ND		0.0020	0.00030	mg/L		06/02/16 08:25	06/02/16 19:55	1
Cadmium	ND		0.0020	0.00050	mg/L		06/02/16 08:25	06/02/16 19:55	1
Calcium	39.8	B	0.50	0.10	mg/L		06/02/16 08:25	06/02/16 19:55	1
Chromium	0.0022	J	0.0040	0.0010	mg/L		06/02/16 08:25	06/02/16 19:55	1
Cobalt	ND		0.0040	0.00063	mg/L		06/02/16 08:25	06/02/16 19:55	1
Copper	0.0068	J	0.010	0.0016	mg/L		06/02/16 08:25	06/02/16 19:55	1
Iron	6.7		0.050	0.019	mg/L		06/02/16 08:25	06/02/16 19:55	1
Lead	ND		0.010	0.0030	mg/L		06/02/16 08:25	06/02/16 19:55	1
Magnesium	11.8		0.20	0.043	mg/L		06/02/16 08:25	06/02/16 19:55	1
Manganese	0.10		0.0030	0.00040	mg/L		06/02/16 08:25	06/02/16 19:55	1
Nickel	ND		0.010	0.0013	mg/L		06/02/16 08:25	06/02/16 19:55	1
Potassium	1.9		0.50	0.10	mg/L		06/02/16 08:25	06/02/16 19:55	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E R-10_0616

Lab Sample ID: 480-100964-1

Date Collected: 05/31/16 12:45

Matrix: Ground Water

Date Received: 06/01/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/02/16 08:25	06/02/16 19:55	1
Silver	ND		0.0060	0.0017	mg/L		06/02/16 08:25	06/02/16 19:55	1
Sodium	30.0		1.0	0.32	mg/L		06/02/16 08:25	06/02/16 19:55	1
Thallium	ND		0.020	0.010	mg/L		06/02/16 08:25	06/02/16 19:55	1
Vanadium	ND		0.0050	0.0015	mg/L		06/02/16 08:25	06/02/16 19:55	1
Zinc	0.0073	J	0.010	0.0015	mg/L		06/02/16 08:25	06/02/16 19:55	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/02/16 09:40	06/02/16 18:06	1

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E R-11_0616

Lab Sample ID: 480-100964-2

Date Collected: 05/31/16 12:00

Matrix: Ground Water

Date Received: 06/01/16 16:00

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			06/06/16 19:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/06/16 19:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/06/16 19:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/06/16 19:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/06/16 19:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/06/16 19:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/06/16 19:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/06/16 19:00	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/06/16 19:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/06/16 19:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/06/16 19:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/06/16 19:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/06/16 19:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/06/16 19:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/06/16 19:00	1
2-Hexanone	ND		5.0	1.2	ug/L			06/06/16 19:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/06/16 19:00	1
Acetone	ND		10	3.0	ug/L			06/06/16 19:00	1
Benzene	ND		1.0	0.41	ug/L			06/06/16 19:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/06/16 19:00	1
Bromoform	ND		1.0	0.26	ug/L			06/06/16 19:00	1
Bromomethane	ND		1.0	0.69	ug/L			06/06/16 19:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/06/16 19:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/06/16 19:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/06/16 19:00	1
Chloroethane	ND		1.0	0.32	ug/L			06/06/16 19:00	1
Chloroform	ND		1.0	0.34	ug/L			06/06/16 19:00	1
Chloromethane	ND		1.0	0.35	ug/L			06/06/16 19:00	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/06/16 19:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/06/16 19:00	1
Cyclohexane	ND		1.0	0.18	ug/L			06/06/16 19:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/06/16 19:00	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/06/16 19:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/06/16 19:00	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/06/16 19:00	1
Methyl acetate	ND		2.5	1.3	ug/L			06/06/16 19:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/06/16 19:00	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/06/16 19:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/06/16 19:00	1
Styrene	ND		1.0	0.73	ug/L			06/06/16 19:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/06/16 19:00	1
Toluene	ND		1.0	0.51	ug/L			06/06/16 19:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/06/16 19:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/06/16 19:00	1
Trichloroethene	ND		1.0	0.46	ug/L			06/06/16 19:00	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/06/16 19:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/06/16 19:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/06/16 19:00	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E R-11_0616

Lab Sample ID: 480-100964-2

Date Collected: 05/31/16 12:00

Matrix: Ground Water

Date Received: 06/01/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		66 - 137		06/06/16 19:00	1
4-Bromofluorobenzene (Surr)	93		73 - 120		06/06/16 19:00	1
Toluene-d8 (Surr)	97		71 - 126		06/06/16 19:00	1
Dibromofluoromethane (Surr)	102		60 - 140		06/06/16 19:00	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		06/02/16 08:05	06/06/16 14:06	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		06/02/16 08:05	06/06/16 14:06	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 14:06	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		06/02/16 08:05	06/06/16 14:06	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		06/02/16 08:05	06/06/16 14:06	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 14:06	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 14:06	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		06/02/16 08:05	06/06/16 14:06	1
2-Chlorophenol	ND		4.7	0.50	ug/L		06/02/16 08:05	06/06/16 14:06	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		06/02/16 08:05	06/06/16 14:06	1
2-Methylphenol	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 14:06	1
2-Nitroaniline	ND		9.4	0.39	ug/L		06/02/16 08:05	06/06/16 14:06	1
2-Nitrophenol	ND		4.7	0.45	ug/L		06/02/16 08:05	06/06/16 14:06	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 14:06	1
3-Nitroaniline	ND		9.4	0.45	ug/L		06/02/16 08:05	06/06/16 14:06	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		06/02/16 08:05	06/06/16 14:06	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 14:06	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 14:06	1
4-Chloroaniline	ND		4.7	0.55	ug/L		06/02/16 08:05	06/06/16 14:06	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 14:06	1
4-Methylphenol	ND		9.4	0.34	ug/L		06/02/16 08:05	06/06/16 14:06	1
4-Nitroaniline	ND		9.4	0.23	ug/L		06/02/16 08:05	06/06/16 14:06	1
4-Nitrophenol	ND		9.4	1.4	ug/L		06/02/16 08:05	06/06/16 14:06	1
Acenaphthene	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 14:06	1
Acenaphthylene	ND		4.7	0.36	ug/L		06/02/16 08:05	06/06/16 14:06	1
Acetophenone	ND		4.7	0.51	ug/L		06/02/16 08:05	06/06/16 14:06	1
Aniline	ND		9.4	0.57	ug/L		06/02/16 08:05	06/06/16 14:06	1
Anthracene	ND		4.7	0.26	ug/L		06/02/16 08:05	06/06/16 14:06	1
Atrazine	ND		4.7	0.43	ug/L		06/02/16 08:05	06/06/16 14:06	1
Benzaldehyde	0.29	J *	4.7	0.25	ug/L		06/02/16 08:05	06/06/16 14:06	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 14:06	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 14:06	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		06/02/16 08:05	06/06/16 14:06	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 14:06	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		06/02/16 08:05	06/06/16 14:06	1
Biphenyl	ND		4.7	0.61	ug/L		06/02/16 08:05	06/06/16 14:06	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		06/02/16 08:05	06/06/16 14:06	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 14:06	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 14:06	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		06/02/16 08:05	06/06/16 14:06	1
Butyl benzyl phthalate	ND		4.7	0.94	ug/L		06/02/16 08:05	06/06/16 14:06	1
Caprolactam	ND		4.7	2.1	ug/L		06/02/16 08:05	06/06/16 14:06	1
Carbazole	ND		4.7	0.28	ug/L		06/02/16 08:05	06/06/16 14:06	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E R-11_0616

Lab Sample ID: 480-100964-2

Date Collected: 05/31/16 12:00

Matrix: Ground Water

Date Received: 06/01/16 16:00

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		06/02/16 08:05	06/06/16 14:06	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		06/02/16 08:05	06/06/16 14:06	1
Dibenzofuran	ND		9.4	0.48	ug/L		06/02/16 08:05	06/06/16 14:06	1
Diethyl phthalate	ND		4.7	0.21	ug/L		06/02/16 08:05	06/06/16 14:06	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 14:06	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		06/02/16 08:05	06/06/16 14:06	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 14:06	1
Fluoranthene	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 14:06	1
Fluorene	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 14:06	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 14:06	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		06/02/16 08:05	06/06/16 14:06	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		06/02/16 08:05	06/06/16 14:06	1
Hexachloroethane	ND		4.7	0.55	ug/L		06/02/16 08:05	06/06/16 14:06	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 14:06	1
Isophorone	ND		4.7	0.40	ug/L		06/02/16 08:05	06/06/16 14:06	1
Naphthalene	ND		4.7	0.71	ug/L		06/02/16 08:05	06/06/16 14:06	1
Nitrobenzene	ND		4.7	0.27	ug/L		06/02/16 08:05	06/06/16 14:06	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		06/02/16 08:05	06/06/16 14:06	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 14:06	1
Pentachlorophenol	ND		9.4	2.1	ug/L		06/02/16 08:05	06/06/16 14:06	1
Phenanthrene	ND		4.7	0.41	ug/L		06/02/16 08:05	06/06/16 14:06	1
Phenol	ND		4.7	0.36	ug/L		06/02/16 08:05	06/06/16 14:06	1
Pyrene	ND		4.7	0.32	ug/L		06/02/16 08:05	06/06/16 14:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	129		52 - 132	06/02/16 08:05	06/06/16 14:06	1
2-Fluorobiphenyl	79		48 - 120	06/02/16 08:05	06/06/16 14:06	1
2-Fluorophenol	45		20 - 120	06/02/16 08:05	06/06/16 14:06	1
Nitrobenzene-d5	72		46 - 120	06/02/16 08:05	06/06/16 14:06	1
Phenol-d5	30		16 - 120	06/02/16 08:05	06/06/16 14:06	1
p-Terphenyl-d14	78		67 - 150	06/02/16 08:05	06/06/16 14:06	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/02/16 08:25	06/02/16 19:59	1
Antimony	ND		0.020	0.0068	mg/L		06/02/16 08:25	06/02/16 19:59	1
Arsenic	ND		0.015	0.0056	mg/L		06/02/16 08:25	06/02/16 19:59	1
Barium	0.040		0.0020	0.00070	mg/L		06/02/16 08:25	06/02/16 19:59	1
Beryllium	ND		0.0020	0.00030	mg/L		06/02/16 08:25	06/02/16 19:59	1
Cadmium	ND		0.0020	0.00050	mg/L		06/02/16 08:25	06/02/16 19:59	1
Calcium	28.2	B	0.50	0.10	mg/L		06/02/16 08:25	06/02/16 19:59	1
Chromium	ND		0.0040	0.0010	mg/L		06/02/16 08:25	06/02/16 19:59	1
Cobalt	ND		0.0040	0.00063	mg/L		06/02/16 08:25	06/02/16 19:59	1
Copper	0.0082	J	0.010	0.0016	mg/L		06/02/16 08:25	06/02/16 19:59	1
Iron	0.81		0.050	0.019	mg/L		06/02/16 08:25	06/02/16 19:59	1
Lead	ND		0.010	0.0030	mg/L		06/02/16 08:25	06/02/16 19:59	1
Magnesium	10.5		0.20	0.043	mg/L		06/02/16 08:25	06/02/16 19:59	1
Manganese	0.0090		0.0030	0.00040	mg/L		06/02/16 08:25	06/02/16 19:59	1
Nickel	ND		0.010	0.0013	mg/L		06/02/16 08:25	06/02/16 19:59	1
Potassium	1.8		0.50	0.10	mg/L		06/02/16 08:25	06/02/16 19:59	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E R-11_0616

Lab Sample ID: 480-100964-2

Date Collected: 05/31/16 12:00

Matrix: Ground Water

Date Received: 06/01/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/02/16 08:25	06/02/16 19:59	1
Silver	ND		0.0060	0.0017	mg/L		06/02/16 08:25	06/02/16 19:59	1
Sodium	11.3		1.0	0.32	mg/L		06/02/16 08:25	06/02/16 19:59	1
Thallium	ND		0.020	0.010	mg/L		06/02/16 08:25	06/02/16 19:59	1
Vanadium	ND		0.0050	0.0015	mg/L		06/02/16 08:25	06/02/16 19:59	1
Zinc	0.47		0.010	0.0015	mg/L		06/02/16 08:25	06/02/16 19:59	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/02/16 09:40	06/02/16 18:08	1

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-17_0616

Lab Sample ID: 480-100964-3

Date Collected: 05/31/16 14:30

Matrix: Ground Water

Date Received: 06/01/16 16:00

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			06/06/16 19:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/06/16 19:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/06/16 19:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/06/16 19:27	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/06/16 19:27	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/06/16 19:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/06/16 19:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/06/16 19:27	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/06/16 19:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/06/16 19:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/06/16 19:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/06/16 19:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/06/16 19:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/06/16 19:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/06/16 19:27	1
2-Hexanone	ND		5.0	1.2	ug/L			06/06/16 19:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/06/16 19:27	1
Acetone	ND		10	3.0	ug/L			06/06/16 19:27	1
Benzene	ND		1.0	0.41	ug/L			06/06/16 19:27	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/06/16 19:27	1
Bromoform	ND		1.0	0.26	ug/L			06/06/16 19:27	1
Bromomethane	ND		1.0	0.69	ug/L			06/06/16 19:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/06/16 19:27	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/06/16 19:27	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/06/16 19:27	1
Chloroethane	ND		1.0	0.32	ug/L			06/06/16 19:27	1
Chloroform	ND		1.0	0.34	ug/L			06/06/16 19:27	1
Chloromethane	ND		1.0	0.35	ug/L			06/06/16 19:27	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/06/16 19:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/06/16 19:27	1
Cyclohexane	ND		1.0	0.18	ug/L			06/06/16 19:27	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/06/16 19:27	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/06/16 19:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/06/16 19:27	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/06/16 19:27	1
Methyl acetate	ND		2.5	1.3	ug/L			06/06/16 19:27	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/06/16 19:27	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/06/16 19:27	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/06/16 19:27	1
Styrene	ND		1.0	0.73	ug/L			06/06/16 19:27	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/06/16 19:27	1
Toluene	ND		1.0	0.51	ug/L			06/06/16 19:27	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/06/16 19:27	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/06/16 19:27	1
Trichloroethene	ND		1.0	0.46	ug/L			06/06/16 19:27	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/06/16 19:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/06/16 19:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/06/16 19:27	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-17_0616

Lab Sample ID: 480-100964-3

Date Collected: 05/31/16 14:30

Matrix: Ground Water

Date Received: 06/01/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		66 - 137		06/06/16 19:27	1
4-Bromofluorobenzene (Surr)	93		73 - 120		06/06/16 19:27	1
Toluene-d8 (Surr)	97		71 - 126		06/06/16 19:27	1
Dibromofluoromethane (Surr)	105		60 - 140		06/06/16 19:27	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		06/02/16 08:05	06/06/16 14:35	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		06/02/16 08:05	06/06/16 14:35	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 14:35	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		06/02/16 08:05	06/06/16 14:35	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		06/02/16 08:05	06/06/16 14:35	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 14:35	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 14:35	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		06/02/16 08:05	06/06/16 14:35	1
2-Chlorophenol	ND		4.7	0.50	ug/L		06/02/16 08:05	06/06/16 14:35	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		06/02/16 08:05	06/06/16 14:35	1
2-Methylphenol	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 14:35	1
2-Nitroaniline	ND		9.4	0.39	ug/L		06/02/16 08:05	06/06/16 14:35	1
2-Nitrophenol	ND		4.7	0.45	ug/L		06/02/16 08:05	06/06/16 14:35	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 14:35	1
3-Nitroaniline	ND		9.4	0.45	ug/L		06/02/16 08:05	06/06/16 14:35	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		06/02/16 08:05	06/06/16 14:35	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 14:35	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 14:35	1
4-Chloroaniline	ND		4.7	0.55	ug/L		06/02/16 08:05	06/06/16 14:35	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 14:35	1
4-Methylphenol	ND		9.4	0.34	ug/L		06/02/16 08:05	06/06/16 14:35	1
4-Nitroaniline	ND		9.4	0.23	ug/L		06/02/16 08:05	06/06/16 14:35	1
4-Nitrophenol	ND		9.4	1.4	ug/L		06/02/16 08:05	06/06/16 14:35	1
Acenaphthene	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 14:35	1
Acenaphthylene	ND		4.7	0.36	ug/L		06/02/16 08:05	06/06/16 14:35	1
Acetophenone	ND		4.7	0.51	ug/L		06/02/16 08:05	06/06/16 14:35	1
Aniline	ND		9.4	0.57	ug/L		06/02/16 08:05	06/06/16 14:35	1
Anthracene	ND		4.7	0.26	ug/L		06/02/16 08:05	06/06/16 14:35	1
Atrazine	ND		4.7	0.43	ug/L		06/02/16 08:05	06/06/16 14:35	1
Benzaldehyde	0.34	J *	4.7	0.25	ug/L		06/02/16 08:05	06/06/16 14:35	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 14:35	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 14:35	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		06/02/16 08:05	06/06/16 14:35	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 14:35	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		06/02/16 08:05	06/06/16 14:35	1
Biphenyl	ND		4.7	0.61	ug/L		06/02/16 08:05	06/06/16 14:35	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		06/02/16 08:05	06/06/16 14:35	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 14:35	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 14:35	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		06/02/16 08:05	06/06/16 14:35	1
Butyl benzyl phthalate	ND		4.7	0.94	ug/L		06/02/16 08:05	06/06/16 14:35	1
Caprolactam	ND		4.7	2.1	ug/L		06/02/16 08:05	06/06/16 14:35	1
Carbazole	ND		4.7	0.28	ug/L		06/02/16 08:05	06/06/16 14:35	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-17_0616

Lab Sample ID: 480-100964-3

Date Collected: 05/31/16 14:30

Matrix: Ground Water

Date Received: 06/01/16 16:00

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		06/02/16 08:05	06/06/16 14:35	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		06/02/16 08:05	06/06/16 14:35	1
Dibenzofuran	ND		9.4	0.48	ug/L		06/02/16 08:05	06/06/16 14:35	1
Diethyl phthalate	ND		4.7	0.21	ug/L		06/02/16 08:05	06/06/16 14:35	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 14:35	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		06/02/16 08:05	06/06/16 14:35	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 14:35	1
Fluoranthene	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 14:35	1
Fluorene	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 14:35	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 14:35	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		06/02/16 08:05	06/06/16 14:35	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		06/02/16 08:05	06/06/16 14:35	1
Hexachloroethane	ND		4.7	0.55	ug/L		06/02/16 08:05	06/06/16 14:35	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 14:35	1
Isophorone	ND		4.7	0.40	ug/L		06/02/16 08:05	06/06/16 14:35	1
Naphthalene	ND		4.7	0.71	ug/L		06/02/16 08:05	06/06/16 14:35	1
Nitrobenzene	ND		4.7	0.27	ug/L		06/02/16 08:05	06/06/16 14:35	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		06/02/16 08:05	06/06/16 14:35	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 14:35	1
Pentachlorophenol	ND		9.4	2.1	ug/L		06/02/16 08:05	06/06/16 14:35	1
Phenanthrene	ND		4.7	0.41	ug/L		06/02/16 08:05	06/06/16 14:35	1
Phenol	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 14:35	1
Pyrene	ND		4.7	0.32	ug/L		06/02/16 08:05	06/06/16 14:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	113		52 - 132	06/02/16 08:05	06/06/16 14:35	1
2-Fluorobiphenyl	86		48 - 120	06/02/16 08:05	06/06/16 14:35	1
2-Fluorophenol	51		20 - 120	06/02/16 08:05	06/06/16 14:35	1
Nitrobenzene-d5	79		46 - 120	06/02/16 08:05	06/06/16 14:35	1
Phenol-d5	36		16 - 120	06/02/16 08:05	06/06/16 14:35	1
p-Terphenyl-d14	83		67 - 150	06/02/16 08:05	06/06/16 14:35	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/02/16 08:25	06/02/16 20:02	1
Antimony	ND		0.020	0.0068	mg/L		06/02/16 08:25	06/02/16 20:02	1
Arsenic	ND		0.015	0.0056	mg/L		06/02/16 08:25	06/02/16 20:02	1
Barium	0.036		0.0020	0.00070	mg/L		06/02/16 08:25	06/02/16 20:02	1
Beryllium	ND		0.0020	0.00030	mg/L		06/02/16 08:25	06/02/16 20:02	1
Cadmium	ND		0.0020	0.00050	mg/L		06/02/16 08:25	06/02/16 20:02	1
Calcium	234	B	0.50	0.10	mg/L		06/02/16 08:25	06/02/16 20:02	1
Chromium	0.0016	J	0.0040	0.0010	mg/L		06/02/16 08:25	06/02/16 20:02	1
Cobalt	ND		0.0040	0.00063	mg/L		06/02/16 08:25	06/02/16 20:02	1
Copper	ND		0.010	0.0016	mg/L		06/02/16 08:25	06/02/16 20:02	1
Iron	0.026	J	0.050	0.019	mg/L		06/02/16 08:25	06/02/16 20:02	1
Lead	ND		0.010	0.0030	mg/L		06/02/16 08:25	06/02/16 20:02	1
Magnesium	37.2		0.20	0.043	mg/L		06/02/16 08:25	06/02/16 20:02	1
Manganese	0.023		0.0030	0.00040	mg/L		06/02/16 08:25	06/02/16 20:02	1
Nickel	0.0015	J	0.010	0.0013	mg/L		06/02/16 08:25	06/02/16 20:02	1
Potassium	1.6		0.50	0.10	mg/L		06/02/16 08:25	06/02/16 20:02	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-17_0616

Lab Sample ID: 480-100964-3

Date Collected: 05/31/16 14:30

Matrix: Ground Water

Date Received: 06/01/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/02/16 08:25	06/02/16 20:02	1
Silver	ND		0.0060	0.0017	mg/L		06/02/16 08:25	06/02/16 20:02	1
Sodium	13.8		1.0	0.32	mg/L		06/02/16 08:25	06/02/16 20:02	1
Thallium	ND		0.020	0.010	mg/L		06/02/16 08:25	06/02/16 20:02	1
Vanadium	ND		0.0050	0.0015	mg/L		06/02/16 08:25	06/02/16 20:02	1
Zinc	0.0033	J	0.010	0.0015	mg/L		06/02/16 08:25	06/02/16 20:02	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/02/16 09:40	06/02/16 18:10	1

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-29_0616

Lab Sample ID: 480-100964-4

Date Collected: 05/31/16 08:30

Matrix: Ground Water

Date Received: 06/01/16 16:00

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			06/06/16 19:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/06/16 19:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/06/16 19:54	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/06/16 19:54	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/06/16 19:54	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/06/16 19:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/06/16 19:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/06/16 19:54	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/06/16 19:54	1
1,2-Dichlorobenzene	1.7		1.0	0.79	ug/L			06/06/16 19:54	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/06/16 19:54	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/06/16 19:54	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/06/16 19:54	1
1,4-Dichlorobenzene	3.2		1.0	0.84	ug/L			06/06/16 19:54	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/06/16 19:54	1
2-Hexanone	ND		5.0	1.2	ug/L			06/06/16 19:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/06/16 19:54	1
Acetone	ND		10	3.0	ug/L			06/06/16 19:54	1
Benzene	ND		1.0	0.41	ug/L			06/06/16 19:54	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/06/16 19:54	1
Bromoform	ND		1.0	0.26	ug/L			06/06/16 19:54	1
Bromomethane	ND	F1 F2	1.0	0.69	ug/L			06/06/16 19:54	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/06/16 19:54	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/06/16 19:54	1
Chlorobenzene	9.0		1.0	0.75	ug/L			06/06/16 19:54	1
Chloroethane	ND	F1	1.0	0.32	ug/L			06/06/16 19:54	1
Chloroform	ND		1.0	0.34	ug/L			06/06/16 19:54	1
Chloromethane	ND		1.0	0.35	ug/L			06/06/16 19:54	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/06/16 19:54	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/06/16 19:54	1
Cyclohexane	ND		1.0	0.18	ug/L			06/06/16 19:54	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/06/16 19:54	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/06/16 19:54	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/06/16 19:54	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/06/16 19:54	1
Methyl acetate	ND		2.5	1.3	ug/L			06/06/16 19:54	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/06/16 19:54	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/06/16 19:54	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/06/16 19:54	1
Styrene	ND		1.0	0.73	ug/L			06/06/16 19:54	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/06/16 19:54	1
Toluene	ND		1.0	0.51	ug/L			06/06/16 19:54	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/06/16 19:54	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/06/16 19:54	1
Trichloroethene	ND		1.0	0.46	ug/L			06/06/16 19:54	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/06/16 19:54	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/06/16 19:54	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/06/16 19:54	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-29_0616

Lab Sample ID: 480-100964-4

Date Collected: 05/31/16 08:30

Matrix: Ground Water

Date Received: 06/01/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		66 - 137		06/06/16 19:54	1
4-Bromofluorobenzene (Surr)	94		73 - 120		06/06/16 19:54	1
Toluene-d8 (Surr)	97		71 - 126		06/06/16 19:54	1
Dibromofluoromethane (Surr)	105		60 - 140		06/06/16 19:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		06/02/16 08:05	06/06/16 15:04	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		06/02/16 08:05	06/06/16 15:04	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 15:04	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		06/02/16 08:05	06/06/16 15:04	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		06/02/16 08:05	06/06/16 15:04	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 15:04	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 15:04	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		06/02/16 08:05	06/06/16 15:04	1
2-Chlorophenol	ND		4.7	0.50	ug/L		06/02/16 08:05	06/06/16 15:04	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		06/02/16 08:05	06/06/16 15:04	1
2-Methylphenol	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 15:04	1
2-Nitroaniline	ND		9.3	0.39	ug/L		06/02/16 08:05	06/06/16 15:04	1
2-Nitrophenol	ND		4.7	0.45	ug/L		06/02/16 08:05	06/06/16 15:04	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 15:04	1
3-Nitroaniline	ND		9.3	0.45	ug/L		06/02/16 08:05	06/06/16 15:04	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.1	ug/L		06/02/16 08:05	06/06/16 15:04	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 15:04	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 15:04	1
4-Chloroaniline	ND		4.7	0.55	ug/L		06/02/16 08:05	06/06/16 15:04	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 15:04	1
4-Methylphenol	ND		9.3	0.34	ug/L		06/02/16 08:05	06/06/16 15:04	1
4-Nitroaniline	ND		9.3	0.23	ug/L		06/02/16 08:05	06/06/16 15:04	1
4-Nitrophenol	ND		9.3	1.4	ug/L		06/02/16 08:05	06/06/16 15:04	1
Acenaphthene	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 15:04	1
Acenaphthylene	ND		4.7	0.36	ug/L		06/02/16 08:05	06/06/16 15:04	1
Acetophenone	ND		4.7	0.50	ug/L		06/02/16 08:05	06/06/16 15:04	1
Aniline	ND		9.3	0.57	ug/L		06/02/16 08:05	06/06/16 15:04	1
Anthracene	ND		4.7	0.26	ug/L		06/02/16 08:05	06/06/16 15:04	1
Atrazine	ND		4.7	0.43	ug/L		06/02/16 08:05	06/06/16 15:04	1
Benzaldehyde	ND *		4.7	0.25	ug/L		06/02/16 08:05	06/06/16 15:04	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 15:04	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 15:04	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		06/02/16 08:05	06/06/16 15:04	1
Benzo(g,h,i)perylene	ND F1		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 15:04	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		06/02/16 08:05	06/06/16 15:04	1
Biphenyl	ND		4.7	0.61	ug/L		06/02/16 08:05	06/06/16 15:04	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		06/02/16 08:05	06/06/16 15:04	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 15:04	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 15:04	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		06/02/16 08:05	06/06/16 15:04	1
Butyl benzyl phthalate	ND		4.7	0.93	ug/L		06/02/16 08:05	06/06/16 15:04	1
Caprolactam	ND		4.7	2.1	ug/L		06/02/16 08:05	06/06/16 15:04	1
Carbazole	ND		4.7	0.28	ug/L		06/02/16 08:05	06/06/16 15:04	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-29_0616

Lab Sample ID: 480-100964-4

Date Collected: 05/31/16 08:30

Matrix: Ground Water

Date Received: 06/01/16 16:00

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		06/02/16 08:05	06/06/16 15:04	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		06/02/16 08:05	06/06/16 15:04	1
Dibenzofuran	ND		9.3	0.48	ug/L		06/02/16 08:05	06/06/16 15:04	1
Diethyl phthalate	ND		4.7	0.21	ug/L		06/02/16 08:05	06/06/16 15:04	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 15:04	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		06/02/16 08:05	06/06/16 15:04	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 15:04	1
Fluoranthene	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 15:04	1
Fluorene	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 15:04	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 15:04	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		06/02/16 08:05	06/06/16 15:04	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		06/02/16 08:05	06/06/16 15:04	1
Hexachloroethane	ND		4.7	0.55	ug/L		06/02/16 08:05	06/06/16 15:04	1
Indeno(1,2,3-cd)pyrene	ND	F1	4.7	0.44	ug/L		06/02/16 08:05	06/06/16 15:04	1
Isophorone	ND		4.7	0.40	ug/L		06/02/16 08:05	06/06/16 15:04	1
Naphthalene	ND		4.7	0.71	ug/L		06/02/16 08:05	06/06/16 15:04	1
Nitrobenzene	ND		4.7	0.27	ug/L		06/02/16 08:05	06/06/16 15:04	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		06/02/16 08:05	06/06/16 15:04	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 15:04	1
Pentachlorophenol	ND		9.3	2.1	ug/L		06/02/16 08:05	06/06/16 15:04	1
Phenanthrene	ND		4.7	0.41	ug/L		06/02/16 08:05	06/06/16 15:04	1
Phenol	ND		4.7	0.36	ug/L		06/02/16 08:05	06/06/16 15:04	1
Pyrene	ND		4.7	0.32	ug/L		06/02/16 08:05	06/06/16 15:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	113		52 - 132	06/02/16 08:05	06/06/16 15:04	1
2-Fluorobiphenyl	86		48 - 120	06/02/16 08:05	06/06/16 15:04	1
2-Fluorophenol	63		20 - 120	06/02/16 08:05	06/06/16 15:04	1
Nitrobenzene-d5	77		46 - 120	06/02/16 08:05	06/06/16 15:04	1
Phenol-d5	33		16 - 120	06/02/16 08:05	06/06/16 15:04	1
p-Terphenyl-d14	80		67 - 150	06/02/16 08:05	06/06/16 15:04	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/02/16 08:25	06/02/16 20:05	1
Antimony	ND		0.020	0.0068	mg/L		06/02/16 08:25	06/02/16 20:05	1
Arsenic	0.0093	J	0.015	0.0056	mg/L		06/02/16 08:25	06/02/16 20:05	1
Barium	0.11		0.0020	0.00070	mg/L		06/02/16 08:25	06/02/16 20:05	1
Beryllium	ND		0.0020	0.00030	mg/L		06/02/16 08:25	06/02/16 20:05	1
Cadmium	ND		0.0020	0.00050	mg/L		06/02/16 08:25	06/02/16 20:05	1
Calcium	61.2	B	0.50	0.10	mg/L		06/02/16 08:25	06/02/16 20:05	1
Chromium	ND		0.0040	0.0010	mg/L		06/02/16 08:25	06/02/16 20:05	1
Cobalt	ND		0.0040	0.00063	mg/L		06/02/16 08:25	06/02/16 20:05	1
Copper	ND		0.010	0.0016	mg/L		06/02/16 08:25	06/02/16 20:05	1
Iron	0.040	J	0.050	0.019	mg/L		06/02/16 08:25	06/02/16 20:05	1
Lead	ND		0.010	0.0030	mg/L		06/02/16 08:25	06/02/16 20:05	1
Magnesium	10.5		0.20	0.043	mg/L		06/02/16 08:25	06/02/16 20:05	1
Manganese	0.068		0.0030	0.00040	mg/L		06/02/16 08:25	06/02/16 20:05	1
Nickel	ND		0.010	0.0013	mg/L		06/02/16 08:25	06/02/16 20:05	1
Potassium	3.2		0.50	0.10	mg/L		06/02/16 08:25	06/02/16 20:05	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-29_0616

Lab Sample ID: 480-100964-4

Date Collected: 05/31/16 08:30

Matrix: Ground Water

Date Received: 06/01/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/02/16 08:25	06/02/16 20:05	1
Silver	ND		0.0060	0.0017	mg/L		06/02/16 08:25	06/02/16 20:05	1
Sodium	148		1.0	0.32	mg/L		06/02/16 08:25	06/02/16 20:05	1
Thallium	ND		0.020	0.010	mg/L		06/02/16 08:25	06/02/16 20:05	1
Vanadium	ND		0.0050	0.0015	mg/L		06/02/16 08:25	06/02/16 20:05	1
Zinc	ND		0.010	0.0015	mg/L		06/02/16 08:25	06/02/16 20:05	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/02/16 09:40	06/02/16 18:11	1

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-32_0616

Lab Sample ID: 480-100964-5

Date Collected: 05/31/16 10:20

Matrix: Ground Water

Date Received: 06/01/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			06/03/16 07:21	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			06/03/16 07:21	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			06/03/16 07:21	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			06/03/16 07:21	20
1,1-Dichloroethane	ND		20	7.6	ug/L			06/03/16 07:21	20
1,1-Dichloroethene	ND		20	5.8	ug/L			06/03/16 07:21	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			06/03/16 07:21	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			06/03/16 07:21	20
1,2-Dibromoethane	ND		20	15	ug/L			06/03/16 07:21	20
1,2-Dichlorobenzene	ND		20	16	ug/L			06/03/16 07:21	20
1,2-Dichloroethane	ND		20	4.2	ug/L			06/03/16 07:21	20
1,2-Dichloropropane	ND		20	14	ug/L			06/03/16 07:21	20
1,3-Dichlorobenzene	ND		20	16	ug/L			06/03/16 07:21	20
1,4-Dichlorobenzene	ND		20	17	ug/L			06/03/16 07:21	20
2-Butanone (MEK)	ND		200	26	ug/L			06/03/16 07:21	20
2-Hexanone	ND		100	25	ug/L			06/03/16 07:21	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			06/03/16 07:21	20
Acetone	ND		200	60	ug/L			06/03/16 07:21	20
Benzene	ND		20	8.2	ug/L			06/03/16 07:21	20
Bromodichloromethane	ND		20	7.8	ug/L			06/03/16 07:21	20
Bromoform	ND		20	5.2	ug/L			06/03/16 07:21	20
Bromomethane	ND		20	14	ug/L			06/03/16 07:21	20
Carbon disulfide	ND		20	3.8	ug/L			06/03/16 07:21	20
Carbon tetrachloride	ND		20	5.4	ug/L			06/03/16 07:21	20
Chlorobenzene	1700	F1	20	15	ug/L			06/03/16 07:21	20
Chloroethane	ND		20	6.4	ug/L			06/03/16 07:21	20
Chloroform	ND		20	6.8	ug/L			06/03/16 07:21	20
Chloromethane	ND		20	7.0	ug/L			06/03/16 07:21	20
cis-1,2-Dichloroethene	ND		20	16	ug/L			06/03/16 07:21	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			06/03/16 07:21	20
Cyclohexane	ND		20	3.6	ug/L			06/03/16 07:21	20
Dibromochloromethane	ND		20	6.4	ug/L			06/03/16 07:21	20
Dichlorodifluoromethane	ND		20	14	ug/L			06/03/16 07:21	20
Ethylbenzene	ND		20	15	ug/L			06/03/16 07:21	20
Isopropylbenzene	ND		20	16	ug/L			06/03/16 07:21	20
Methyl acetate	ND		50	26	ug/L			06/03/16 07:21	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			06/03/16 07:21	20
Methylcyclohexane	ND		20	3.2	ug/L			06/03/16 07:21	20
Methylene Chloride	ND		20	8.8	ug/L			06/03/16 07:21	20
Styrene	ND		20	15	ug/L			06/03/16 07:21	20
Tetrachloroethene	ND		20	7.2	ug/L			06/03/16 07:21	20
Toluene	ND		20	10	ug/L			06/03/16 07:21	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			06/03/16 07:21	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			06/03/16 07:21	20
Trichloroethene	ND		20	9.2	ug/L			06/03/16 07:21	20
Trichlorofluoromethane	ND		20	18	ug/L			06/03/16 07:21	20
Vinyl chloride	ND		20	18	ug/L			06/03/16 07:21	20
Xylenes, Total	ND		40	13	ug/L			06/03/16 07:21	20

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-32_0616

Lab Sample ID: 480-100964-5

Date Collected: 05/31/16 10:20

Matrix: Ground Water

Date Received: 06/01/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		66 - 137		06/03/16 07:21	20
4-Bromofluorobenzene (Surr)	109		73 - 120		06/03/16 07:21	20
Toluene-d8 (Surr)	100		71 - 126		06/03/16 07:21	20
Dibromofluoromethane (Surr)	96		60 - 140		06/03/16 07:21	20

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		06/02/16 08:05	06/06/16 15:34	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		06/02/16 08:05	06/06/16 15:34	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 15:34	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		06/02/16 08:05	06/06/16 15:34	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		06/02/16 08:05	06/06/16 15:34	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 15:34	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 15:34	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		06/02/16 08:05	06/06/16 15:34	1
2-Chlorophenol	9.2		4.7	0.50	ug/L		06/02/16 08:05	06/06/16 15:34	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		06/02/16 08:05	06/06/16 15:34	1
2-Methylphenol	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 15:34	1
2-Nitroaniline	ND		9.4	0.40	ug/L		06/02/16 08:05	06/06/16 15:34	1
2-Nitrophenol	ND		4.7	0.45	ug/L		06/02/16 08:05	06/06/16 15:34	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 15:34	1
3-Nitroaniline	ND		9.4	0.45	ug/L		06/02/16 08:05	06/06/16 15:34	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		06/02/16 08:05	06/06/16 15:34	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 15:34	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 15:34	1
4-Chloroaniline	ND		4.7	0.56	ug/L		06/02/16 08:05	06/06/16 15:34	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 15:34	1
4-Methylphenol	ND		9.4	0.34	ug/L		06/02/16 08:05	06/06/16 15:34	1
4-Nitroaniline	ND		9.4	0.24	ug/L		06/02/16 08:05	06/06/16 15:34	1
4-Nitrophenol	ND		9.4	1.4	ug/L		06/02/16 08:05	06/06/16 15:34	1
Acenaphthene	ND		4.7	0.39	ug/L		06/02/16 08:05	06/06/16 15:34	1
Acenaphthylene	ND		4.7	0.36	ug/L		06/02/16 08:05	06/06/16 15:34	1
Acetophenone	ND		4.7	0.51	ug/L		06/02/16 08:05	06/06/16 15:34	1
Aniline	ND		9.4	0.57	ug/L		06/02/16 08:05	06/06/16 15:34	1
Anthracene	ND		4.7	0.26	ug/L		06/02/16 08:05	06/06/16 15:34	1
Atrazine	ND		4.7	0.43	ug/L		06/02/16 08:05	06/06/16 15:34	1
Benzaldehyde	0.28 J *		4.7	0.25	ug/L		06/02/16 08:05	06/06/16 15:34	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 15:34	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 15:34	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		06/02/16 08:05	06/06/16 15:34	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 15:34	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		06/02/16 08:05	06/06/16 15:34	1
Biphenyl	ND		4.7	0.62	ug/L		06/02/16 08:05	06/06/16 15:34	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		06/02/16 08:05	06/06/16 15:34	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 15:34	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 15:34	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		06/02/16 08:05	06/06/16 15:34	1
Butyl benzyl phthalate	ND		4.7	0.94	ug/L		06/02/16 08:05	06/06/16 15:34	1
Caprolactam	ND		4.7	2.1	ug/L		06/02/16 08:05	06/06/16 15:34	1
Carbazole	ND		4.7	0.28	ug/L		06/02/16 08:05	06/06/16 15:34	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-32_0616

Lab Sample ID: 480-100964-5

Date Collected: 05/31/16 10:20

Matrix: Ground Water

Date Received: 06/01/16 16:00

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		06/02/16 08:05	06/06/16 15:34	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		06/02/16 08:05	06/06/16 15:34	1
Dibenzofuran	ND		9.4	0.48	ug/L		06/02/16 08:05	06/06/16 15:34	1
Diethyl phthalate	ND		4.7	0.21	ug/L		06/02/16 08:05	06/06/16 15:34	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 15:34	1
Di-n-butyl phthalate	0.93	J	4.7	0.29	ug/L		06/02/16 08:05	06/06/16 15:34	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 15:34	1
Fluoranthene	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 15:34	1
Fluorene	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 15:34	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 15:34	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		06/02/16 08:05	06/06/16 15:34	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		06/02/16 08:05	06/06/16 15:34	1
Hexachloroethane	ND		4.7	0.56	ug/L		06/02/16 08:05	06/06/16 15:34	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 15:34	1
Isophorone	ND		4.7	0.41	ug/L		06/02/16 08:05	06/06/16 15:34	1
Naphthalene	ND		4.7	0.72	ug/L		06/02/16 08:05	06/06/16 15:34	1
Nitrobenzene	ND		4.7	0.27	ug/L		06/02/16 08:05	06/06/16 15:34	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		06/02/16 08:05	06/06/16 15:34	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 15:34	1
Pentachlorophenol	ND		9.4	2.1	ug/L		06/02/16 08:05	06/06/16 15:34	1
Phenanthrene	ND		4.7	0.41	ug/L		06/02/16 08:05	06/06/16 15:34	1
Phenol	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 15:34	1
Pyrene	ND		4.7	0.32	ug/L		06/02/16 08:05	06/06/16 15:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	122		52 - 132	06/02/16 08:05	06/06/16 15:34	1
2-Fluorobiphenyl	74		48 - 120	06/02/16 08:05	06/06/16 15:34	1
2-Fluorophenol	42		20 - 120	06/02/16 08:05	06/06/16 15:34	1
Nitrobenzene-d5	69		46 - 120	06/02/16 08:05	06/06/16 15:34	1
Phenol-d5	31		16 - 120	06/02/16 08:05	06/06/16 15:34	1
p-Terphenyl-d14	63	X	67 - 150	06/02/16 08:05	06/06/16 15:34	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.14	J	0.20	0.060	mg/L		06/02/16 08:25	06/02/16 20:32	1
Antimony	ND		0.020	0.0068	mg/L		06/02/16 08:25	06/02/16 20:32	1
Arsenic	0.0076	J	0.015	0.0056	mg/L		06/02/16 08:25	06/02/16 20:32	1
Barium	0.037		0.0020	0.00070	mg/L		06/02/16 08:25	06/02/16 20:32	1
Beryllium	ND		0.0020	0.00030	mg/L		06/02/16 08:25	06/02/16 20:32	1
Cadmium	ND		0.0020	0.00050	mg/L		06/02/16 08:25	06/02/16 20:32	1
Calcium	226	B	0.50	0.10	mg/L		06/02/16 08:25	06/02/16 20:32	1
Chromium	ND		0.0040	0.0010	mg/L		06/02/16 08:25	06/02/16 20:32	1
Cobalt	0.0037	J	0.0040	0.00063	mg/L		06/02/16 08:25	06/02/16 20:32	1
Copper	0.0046	J	0.010	0.0016	mg/L		06/02/16 08:25	06/02/16 20:32	1
Iron	5.8		0.050	0.019	mg/L		06/02/16 08:25	06/02/16 20:32	1
Lead	ND		0.010	0.0030	mg/L		06/02/16 08:25	06/02/16 20:32	1
Magnesium	82.3		0.20	0.043	mg/L		06/02/16 08:25	06/02/16 20:32	1
Manganese	0.88		0.0030	0.00040	mg/L		06/02/16 08:25	06/02/16 20:32	1
Nickel	0.0056	J	0.010	0.0013	mg/L		06/02/16 08:25	06/02/16 20:32	1
Potassium	2.1		0.50	0.10	mg/L		06/02/16 08:25	06/02/16 20:32	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-32_0616

Lab Sample ID: 480-100964-5

Date Collected: 05/31/16 10:20

Matrix: Ground Water

Date Received: 06/01/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/02/16 08:25	06/02/16 20:32	1
Silver	ND		0.0060	0.0017	mg/L		06/02/16 08:25	06/02/16 20:32	1
Sodium	58.8		1.0	0.32	mg/L		06/02/16 08:25	06/02/16 20:32	1
Thallium	ND		0.020	0.010	mg/L		06/02/16 08:25	06/02/16 20:32	1
Vanadium	ND		0.0050	0.0015	mg/L		06/02/16 08:25	06/02/16 20:32	1
Zinc	0.0070	J	0.010	0.0015	mg/L		06/02/16 08:25	06/02/16 20:32	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/02/16 09:40	06/02/16 18:24	1

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-33_0616

Lab Sample ID: 480-100964-6

Date Collected: 06/01/16 08:35

Matrix: Ground Water

Date Received: 06/01/16 16:00

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			06/07/16 14:43	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/07/16 14:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/07/16 14:43	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/07/16 14:43	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/07/16 14:43	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/07/16 14:43	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/07/16 14:43	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/07/16 14:43	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/07/16 14:43	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/07/16 14:43	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/07/16 14:43	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/07/16 14:43	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/07/16 14:43	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/07/16 14:43	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/07/16 14:43	1
2-Hexanone	ND		5.0	1.2	ug/L			06/07/16 14:43	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/07/16 14:43	1
Acetone	ND		10	3.0	ug/L			06/07/16 14:43	1
Benzene	ND		1.0	0.41	ug/L			06/07/16 14:43	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/07/16 14:43	1
Bromoform	ND		1.0	0.26	ug/L			06/07/16 14:43	1
Bromomethane	ND		1.0	0.69	ug/L			06/07/16 14:43	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/07/16 14:43	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/07/16 14:43	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/07/16 14:43	1
Chloroethane	ND		1.0	0.32	ug/L			06/07/16 14:43	1
Chloroform	ND		1.0	0.34	ug/L			06/07/16 14:43	1
Chloromethane	ND		1.0	0.35	ug/L			06/07/16 14:43	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/07/16 14:43	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/07/16 14:43	1
Cyclohexane	ND		1.0	0.18	ug/L			06/07/16 14:43	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/07/16 14:43	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/07/16 14:43	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/07/16 14:43	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/07/16 14:43	1
Methyl acetate	ND		2.5	1.3	ug/L			06/07/16 14:43	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/07/16 14:43	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/07/16 14:43	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/07/16 14:43	1
Styrene	ND		1.0	0.73	ug/L			06/07/16 14:43	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/07/16 14:43	1
Toluene	ND		1.0	0.51	ug/L			06/07/16 14:43	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/07/16 14:43	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/07/16 14:43	1
Trichloroethene	ND		1.0	0.46	ug/L			06/07/16 14:43	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/07/16 14:43	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/07/16 14:43	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/07/16 14:43	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-33_0616

Lab Sample ID: 480-100964-6

Date Collected: 06/01/16 08:35

Matrix: Ground Water

Date Received: 06/01/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		66 - 137		06/07/16 14:43	1
4-Bromofluorobenzene (Surr)	104		73 - 120		06/07/16 14:43	1
Toluene-d8 (Surr)	99		71 - 126		06/07/16 14:43	1
Dibromofluoromethane (Surr)	97		60 - 140		06/07/16 14:43	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		06/02/16 08:05	06/06/16 16:03	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		06/02/16 08:05	06/06/16 16:03	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 16:03	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		06/02/16 08:05	06/06/16 16:03	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		06/02/16 08:05	06/06/16 16:03	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 16:03	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 16:03	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		06/02/16 08:05	06/06/16 16:03	1
2-Chlorophenol	ND		4.7	0.50	ug/L		06/02/16 08:05	06/06/16 16:03	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		06/02/16 08:05	06/06/16 16:03	1
2-Methylphenol	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 16:03	1
2-Nitroaniline	ND		9.4	0.39	ug/L		06/02/16 08:05	06/06/16 16:03	1
2-Nitrophenol	ND		4.7	0.45	ug/L		06/02/16 08:05	06/06/16 16:03	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 16:03	1
3-Nitroaniline	ND		9.4	0.45	ug/L		06/02/16 08:05	06/06/16 16:03	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		06/02/16 08:05	06/06/16 16:03	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 16:03	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 16:03	1
4-Chloroaniline	ND		4.7	0.55	ug/L		06/02/16 08:05	06/06/16 16:03	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 16:03	1
4-Methylphenol	ND		9.4	0.34	ug/L		06/02/16 08:05	06/06/16 16:03	1
4-Nitroaniline	ND		9.4	0.23	ug/L		06/02/16 08:05	06/06/16 16:03	1
4-Nitrophenol	ND		9.4	1.4	ug/L		06/02/16 08:05	06/06/16 16:03	1
Acenaphthene	ND		4.7	0.39	ug/L		06/02/16 08:05	06/06/16 16:03	1
Acenaphthylene	ND		4.7	0.36	ug/L		06/02/16 08:05	06/06/16 16:03	1
Acetophenone	ND		4.7	0.51	ug/L		06/02/16 08:05	06/06/16 16:03	1
Aniline	ND		9.4	0.57	ug/L		06/02/16 08:05	06/06/16 16:03	1
Anthracene	ND		4.7	0.26	ug/L		06/02/16 08:05	06/06/16 16:03	1
Atrazine	ND		4.7	0.43	ug/L		06/02/16 08:05	06/06/16 16:03	1
Benzaldehyde	0.37	J *	4.7	0.25	ug/L		06/02/16 08:05	06/06/16 16:03	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 16:03	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 16:03	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		06/02/16 08:05	06/06/16 16:03	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 16:03	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		06/02/16 08:05	06/06/16 16:03	1
Biphenyl	ND		4.7	0.61	ug/L		06/02/16 08:05	06/06/16 16:03	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		06/02/16 08:05	06/06/16 16:03	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 16:03	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 16:03	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		06/02/16 08:05	06/06/16 16:03	1
Butyl benzyl phthalate	ND		4.7	0.94	ug/L		06/02/16 08:05	06/06/16 16:03	1
Caprolactam	ND		4.7	2.1	ug/L		06/02/16 08:05	06/06/16 16:03	1
Carbazole	ND		4.7	0.28	ug/L		06/02/16 08:05	06/06/16 16:03	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-33_0616

Lab Sample ID: 480-100964-6

Date Collected: 06/01/16 08:35

Matrix: Ground Water

Date Received: 06/01/16 16:00

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		06/02/16 08:05	06/06/16 16:03	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		06/02/16 08:05	06/06/16 16:03	1
Dibenzofuran	ND		9.4	0.48	ug/L		06/02/16 08:05	06/06/16 16:03	1
Diethyl phthalate	ND		4.7	0.21	ug/L		06/02/16 08:05	06/06/16 16:03	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 16:03	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		06/02/16 08:05	06/06/16 16:03	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 16:03	1
Fluoranthene	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 16:03	1
Fluorene	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 16:03	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 16:03	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		06/02/16 08:05	06/06/16 16:03	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		06/02/16 08:05	06/06/16 16:03	1
Hexachloroethane	ND		4.7	0.55	ug/L		06/02/16 08:05	06/06/16 16:03	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 16:03	1
Isophorone	ND		4.7	0.40	ug/L		06/02/16 08:05	06/06/16 16:03	1
Naphthalene	ND		4.7	0.71	ug/L		06/02/16 08:05	06/06/16 16:03	1
Nitrobenzene	ND		4.7	0.27	ug/L		06/02/16 08:05	06/06/16 16:03	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		06/02/16 08:05	06/06/16 16:03	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 16:03	1
Pentachlorophenol	ND		9.4	2.1	ug/L		06/02/16 08:05	06/06/16 16:03	1
Phenanthrene	ND		4.7	0.41	ug/L		06/02/16 08:05	06/06/16 16:03	1
Phenol	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 16:03	1
Pyrene	ND		4.7	0.32	ug/L		06/02/16 08:05	06/06/16 16:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	116		52 - 132	06/02/16 08:05	06/06/16 16:03	1
2-Fluorobiphenyl	81		48 - 120	06/02/16 08:05	06/06/16 16:03	1
2-Fluorophenol	64		20 - 120	06/02/16 08:05	06/06/16 16:03	1
Nitrobenzene-d5	74		46 - 120	06/02/16 08:05	06/06/16 16:03	1
Phenol-d5	34		16 - 120	06/02/16 08:05	06/06/16 16:03	1
p-Terphenyl-d14	69		67 - 150	06/02/16 08:05	06/06/16 16:03	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/02/16 08:25	06/02/16 20:36	1
Antimony	ND		0.020	0.0068	mg/L		06/02/16 08:25	06/02/16 20:36	1
Arsenic	ND		0.015	0.0056	mg/L		06/02/16 08:25	06/02/16 20:36	1
Barium	0.059		0.0020	0.00070	mg/L		06/02/16 08:25	06/02/16 20:36	1
Beryllium	ND		0.0020	0.00030	mg/L		06/02/16 08:25	06/02/16 20:36	1
Cadmium	0.00060	J	0.0020	0.00050	mg/L		06/02/16 08:25	06/02/16 20:36	1
Calcium	119	B	0.50	0.10	mg/L		06/02/16 08:25	06/02/16 20:36	1
Chromium	0.075		0.0040	0.0010	mg/L		06/02/16 08:25	06/02/16 20:36	1
Cobalt	0.0042		0.0040	0.00063	mg/L		06/02/16 08:25	06/02/16 20:36	1
Copper	0.0044	J	0.010	0.0016	mg/L		06/02/16 08:25	06/02/16 20:36	1
Iron	1.4		0.050	0.019	mg/L		06/02/16 08:25	06/02/16 20:36	1
Lead	ND		0.010	0.0030	mg/L		06/02/16 08:25	06/02/16 20:36	1
Magnesium	43.5		0.20	0.043	mg/L		06/02/16 08:25	06/02/16 20:36	1
Manganese	0.25		0.0030	0.00040	mg/L		06/02/16 08:25	06/02/16 20:36	1
Nickel	0.85		0.010	0.0013	mg/L		06/02/16 08:25	06/02/16 20:36	1
Potassium	0.66		0.50	0.10	mg/L		06/02/16 08:25	06/02/16 20:36	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-33_0616

Lab Sample ID: 480-100964-6

Date Collected: 06/01/16 08:35

Matrix: Ground Water

Date Received: 06/01/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/02/16 08:25	06/02/16 20:36	1
Silver	ND		0.0060	0.0017	mg/L		06/02/16 08:25	06/02/16 20:36	1
Sodium	294		1.0	0.32	mg/L		06/02/16 08:25	06/02/16 20:36	1
Thallium	ND		0.020	0.010	mg/L		06/02/16 08:25	06/02/16 20:36	1
Vanadium	ND		0.0050	0.0015	mg/L		06/02/16 08:25	06/02/16 20:36	1
Zinc	0.0062	J	0.010	0.0015	mg/L		06/02/16 08:25	06/02/16 20:36	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/02/16 09:40	06/02/16 18:26	1

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-51_0616

Lab Sample ID: 480-100964-7

Date Collected: 06/01/16 12:30

Matrix: Ground Water

Date Received: 06/01/16 16:00

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			06/07/16 15:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/07/16 15:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/07/16 15:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/07/16 15:10	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/07/16 15:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/07/16 15:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/07/16 15:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/07/16 15:10	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/07/16 15:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/07/16 15:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/07/16 15:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/07/16 15:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/07/16 15:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/07/16 15:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/07/16 15:10	1
2-Hexanone	ND		5.0	1.2	ug/L			06/07/16 15:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/07/16 15:10	1
Acetone	ND		10	3.0	ug/L			06/07/16 15:10	1
Benzene	ND		1.0	0.41	ug/L			06/07/16 15:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/07/16 15:10	1
Bromoform	ND		1.0	0.26	ug/L			06/07/16 15:10	1
Bromomethane	ND		1.0	0.69	ug/L			06/07/16 15:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/07/16 15:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/07/16 15:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/07/16 15:10	1
Chloroethane	ND		1.0	0.32	ug/L			06/07/16 15:10	1
Chloroform	ND		1.0	0.34	ug/L			06/07/16 15:10	1
Chloromethane	ND		1.0	0.35	ug/L			06/07/16 15:10	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/07/16 15:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/07/16 15:10	1
Cyclohexane	ND		1.0	0.18	ug/L			06/07/16 15:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/07/16 15:10	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/07/16 15:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/07/16 15:10	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/07/16 15:10	1
Methyl acetate	ND		2.5	1.3	ug/L			06/07/16 15:10	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/07/16 15:10	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/07/16 15:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/07/16 15:10	1
Styrene	ND		1.0	0.73	ug/L			06/07/16 15:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/07/16 15:10	1
Toluene	ND		1.0	0.51	ug/L			06/07/16 15:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/07/16 15:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/07/16 15:10	1
Trichloroethene	ND		1.0	0.46	ug/L			06/07/16 15:10	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/07/16 15:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/07/16 15:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/07/16 15:10	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-51_0616

Lab Sample ID: 480-100964-7

Date Collected: 06/01/16 12:30

Matrix: Ground Water

Date Received: 06/01/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		06/07/16 15:10	1
4-Bromofluorobenzene (Surr)	104		73 - 120		06/07/16 15:10	1
Toluene-d8 (Surr)	98		71 - 126		06/07/16 15:10	1
Dibromofluoromethane (Surr)	99		60 - 140		06/07/16 15:10	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		06/02/16 08:05	06/06/16 16:32	1
2,4,6-Trichlorophenol	ND		4.6	0.57	ug/L		06/02/16 08:05	06/06/16 16:32	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		06/02/16 08:05	06/06/16 16:32	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		06/02/16 08:05	06/06/16 16:32	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		06/02/16 08:05	06/06/16 16:32	1
2,4-Dinitrotoluene	ND		4.6	0.42	ug/L		06/02/16 08:05	06/06/16 16:32	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		06/02/16 08:05	06/06/16 16:32	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		06/02/16 08:05	06/06/16 16:32	1
2-Chlorophenol	ND		4.6	0.49	ug/L		06/02/16 08:05	06/06/16 16:32	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		06/02/16 08:05	06/06/16 16:32	1
2-Methylphenol	ND		4.6	0.37	ug/L		06/02/16 08:05	06/06/16 16:32	1
2-Nitroaniline	ND		9.3	0.39	ug/L		06/02/16 08:05	06/06/16 16:32	1
2-Nitrophenol	ND		4.6	0.45	ug/L		06/02/16 08:05	06/06/16 16:32	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		06/02/16 08:05	06/06/16 16:32	1
3-Nitroaniline	ND		9.3	0.45	ug/L		06/02/16 08:05	06/06/16 16:32	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		06/02/16 08:05	06/06/16 16:32	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		06/02/16 08:05	06/06/16 16:32	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		06/02/16 08:05	06/06/16 16:32	1
4-Chloroaniline	ND		4.6	0.55	ug/L		06/02/16 08:05	06/06/16 16:32	1
4-Chlorophenyl phenyl ether	ND		4.6	0.33	ug/L		06/02/16 08:05	06/06/16 16:32	1
4-Methylphenol	ND		9.3	0.33	ug/L		06/02/16 08:05	06/06/16 16:32	1
4-Nitroaniline	ND		9.3	0.23	ug/L		06/02/16 08:05	06/06/16 16:32	1
4-Nitrophenol	ND		9.3	1.4	ug/L		06/02/16 08:05	06/06/16 16:32	1
Acenaphthene	ND		4.6	0.38	ug/L		06/02/16 08:05	06/06/16 16:32	1
Acenaphthylene	ND		4.6	0.35	ug/L		06/02/16 08:05	06/06/16 16:32	1
Acetophenone	ND		4.6	0.50	ug/L		06/02/16 08:05	06/06/16 16:32	1
Aniline	ND		9.3	0.57	ug/L		06/02/16 08:05	06/06/16 16:32	1
Anthracene	ND		4.6	0.26	ug/L		06/02/16 08:05	06/06/16 16:32	1
Atrazine	ND		4.6	0.43	ug/L		06/02/16 08:05	06/06/16 16:32	1
Benzaldehyde	ND *		4.6	0.25	ug/L		06/02/16 08:05	06/06/16 16:32	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		06/02/16 08:05	06/06/16 16:32	1
Benzo(a)pyrene	ND		4.6	0.44	ug/L		06/02/16 08:05	06/06/16 16:32	1
Benzo(b)fluoranthene	ND		4.6	0.32	ug/L		06/02/16 08:05	06/06/16 16:32	1
Benzo(g,h,i)perylene	ND		4.6	0.33	ug/L		06/02/16 08:05	06/06/16 16:32	1
Benzo(k)fluoranthene	ND		4.6	0.68	ug/L		06/02/16 08:05	06/06/16 16:32	1
Biphenyl	ND		4.6	0.61	ug/L		06/02/16 08:05	06/06/16 16:32	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		06/02/16 08:05	06/06/16 16:32	1
Bis(2-chloroethoxy)methane	ND		4.6	0.33	ug/L		06/02/16 08:05	06/06/16 16:32	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		06/02/16 08:05	06/06/16 16:32	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		06/02/16 08:05	06/06/16 16:32	1
Butyl benzyl phthalate	ND		4.6	0.93	ug/L		06/02/16 08:05	06/06/16 16:32	1
Caprolactam	ND		4.6	2.0	ug/L		06/02/16 08:05	06/06/16 16:32	1
Carbazole	ND		4.6	0.28	ug/L		06/02/16 08:05	06/06/16 16:32	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-51_0616

Lab Sample ID: 480-100964-7

Date Collected: 06/01/16 12:30

Matrix: Ground Water

Date Received: 06/01/16 16:00

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		06/02/16 08:05	06/06/16 16:32	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		06/02/16 08:05	06/06/16 16:32	1
Dibenzofuran	ND		9.3	0.47	ug/L		06/02/16 08:05	06/06/16 16:32	1
Diethyl phthalate	ND		4.6	0.20	ug/L		06/02/16 08:05	06/06/16 16:32	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		06/02/16 08:05	06/06/16 16:32	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		06/02/16 08:05	06/06/16 16:32	1
Di-n-octyl phthalate	ND		4.6	0.44	ug/L		06/02/16 08:05	06/06/16 16:32	1
Fluoranthene	ND		4.6	0.37	ug/L		06/02/16 08:05	06/06/16 16:32	1
Fluorene	ND		4.6	0.33	ug/L		06/02/16 08:05	06/06/16 16:32	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		06/02/16 08:05	06/06/16 16:32	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		06/02/16 08:05	06/06/16 16:32	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		06/02/16 08:05	06/06/16 16:32	1
Hexachloroethane	ND		4.6	0.55	ug/L		06/02/16 08:05	06/06/16 16:32	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.44	ug/L		06/02/16 08:05	06/06/16 16:32	1
Isophorone	ND		4.6	0.40	ug/L		06/02/16 08:05	06/06/16 16:32	1
Naphthalene	ND		4.6	0.71	ug/L		06/02/16 08:05	06/06/16 16:32	1
Nitrobenzene	ND		4.6	0.27	ug/L		06/02/16 08:05	06/06/16 16:32	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		06/02/16 08:05	06/06/16 16:32	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		06/02/16 08:05	06/06/16 16:32	1
Pentachlorophenol	ND		9.3	2.0	ug/L		06/02/16 08:05	06/06/16 16:32	1
Phenanthrene	ND		4.6	0.41	ug/L		06/02/16 08:05	06/06/16 16:32	1
Phenol	ND		4.6	0.36	ug/L		06/02/16 08:05	06/06/16 16:32	1
Pyrene	ND		4.6	0.32	ug/L		06/02/16 08:05	06/06/16 16:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	138	X	52 - 132	06/02/16 08:05	06/06/16 16:32	1
2-Fluorobiphenyl	83		48 - 120	06/02/16 08:05	06/06/16 16:32	1
2-Fluorophenol	47		20 - 120	06/02/16 08:05	06/06/16 16:32	1
Nitrobenzene-d5	58		46 - 120	06/02/16 08:05	06/06/16 16:32	1
Phenol-d5	36		16 - 120	06/02/16 08:05	06/06/16 16:32	1
p-Terphenyl-d14	75		67 - 150	06/02/16 08:05	06/06/16 16:32	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/02/16 08:25	06/02/16 20:39	1
Antimony	ND		0.020	0.0068	mg/L		06/02/16 08:25	06/02/16 20:39	1
Arsenic	0.35		0.015	0.0056	mg/L		06/02/16 08:25	06/02/16 20:39	1
Barium	0.018		0.0020	0.00070	mg/L		06/02/16 08:25	06/02/16 20:39	1
Beryllium	ND		0.0020	0.00030	mg/L		06/02/16 08:25	06/02/16 20:39	1
Cadmium	ND		0.0020	0.00050	mg/L		06/02/16 08:25	06/02/16 20:39	1
Calcium	393	B	0.50	0.10	mg/L		06/02/16 08:25	06/02/16 20:39	1
Chromium	0.0011	J	0.0040	0.0010	mg/L		06/02/16 08:25	06/02/16 20:39	1
Cobalt	0.00079	J	0.0040	0.00063	mg/L		06/02/16 08:25	06/02/16 20:39	1
Copper	ND		0.010	0.0016	mg/L		06/02/16 08:25	06/02/16 20:39	1
Iron	12.5		0.050	0.019	mg/L		06/02/16 08:25	06/02/16 20:39	1
Lead	0.0041	J	0.010	0.0030	mg/L		06/02/16 08:25	06/02/16 20:39	1
Magnesium	105		0.20	0.043	mg/L		06/02/16 08:25	06/02/16 20:39	1
Manganese	1.2		0.0030	0.00040	mg/L		06/02/16 08:25	06/02/16 20:39	1
Nickel	0.0024	J	0.010	0.0013	mg/L		06/02/16 08:25	06/02/16 20:39	1
Potassium	16.5		0.50	0.10	mg/L		06/02/16 08:25	06/02/16 20:39	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-51_0616

Lab Sample ID: 480-100964-7

Date Collected: 06/01/16 12:30

Matrix: Ground Water

Date Received: 06/01/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/02/16 08:25	06/02/16 20:39	1
Silver	ND		0.0060	0.0017	mg/L		06/02/16 08:25	06/02/16 20:39	1
Sodium	115		1.0	0.32	mg/L		06/02/16 08:25	06/02/16 20:39	1
Thallium	ND		0.020	0.010	mg/L		06/02/16 08:25	06/02/16 20:39	1
Vanadium	ND		0.0050	0.0015	mg/L		06/02/16 08:25	06/02/16 20:39	1
Zinc	0.0018	J	0.010	0.0015	mg/L		06/02/16 08:25	06/02/16 20:39	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/02/16 09:40	06/02/16 18:28	1

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-PZ-16_0616

Lab Sample ID: 480-100964-8

Date Collected: 06/01/16 13:30

Matrix: Ground Water

Date Received: 06/01/16 16:00

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			06/07/16 15:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/07/16 15:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/07/16 15:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/07/16 15:36	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/07/16 15:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/07/16 15:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/07/16 15:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/07/16 15:36	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/07/16 15:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/07/16 15:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/07/16 15:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/07/16 15:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/07/16 15:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/07/16 15:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/07/16 15:36	1
2-Hexanone	ND		5.0	1.2	ug/L			06/07/16 15:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/07/16 15:36	1
Acetone	3.7	J	10	3.0	ug/L			06/07/16 15:36	1
Benzene	ND		1.0	0.41	ug/L			06/07/16 15:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/07/16 15:36	1
Bromoform	ND		1.0	0.26	ug/L			06/07/16 15:36	1
Bromomethane	ND		1.0	0.69	ug/L			06/07/16 15:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/07/16 15:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/07/16 15:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/07/16 15:36	1
Chloroethane	ND		1.0	0.32	ug/L			06/07/16 15:36	1
Chloroform	ND		1.0	0.34	ug/L			06/07/16 15:36	1
Chloromethane	ND		1.0	0.35	ug/L			06/07/16 15:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/07/16 15:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/07/16 15:36	1
Cyclohexane	ND		1.0	0.18	ug/L			06/07/16 15:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/07/16 15:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/07/16 15:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/07/16 15:36	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/07/16 15:36	1
Methyl acetate	ND		2.5	1.3	ug/L			06/07/16 15:36	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/07/16 15:36	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/07/16 15:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/07/16 15:36	1
Styrene	ND		1.0	0.73	ug/L			06/07/16 15:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/07/16 15:36	1
Toluene	ND		1.0	0.51	ug/L			06/07/16 15:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/07/16 15:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/07/16 15:36	1
Trichloroethene	ND		1.0	0.46	ug/L			06/07/16 15:36	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/07/16 15:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/07/16 15:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/07/16 15:36	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-PZ-16_0616

Lab Sample ID: 480-100964-8

Date Collected: 06/01/16 13:30

Matrix: Ground Water

Date Received: 06/01/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		66 - 137		06/07/16 15:36	1
4-Bromofluorobenzene (Surr)	101		73 - 120		06/07/16 15:36	1
Toluene-d8 (Surr)	97		71 - 126		06/07/16 15:36	1
Dibromofluoromethane (Surr)	95		60 - 140		06/07/16 15:36	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	0.45	ug/L		06/02/16 08:05	06/06/16 17:02	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		06/02/16 08:05	06/06/16 17:02	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 17:02	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		06/02/16 08:05	06/06/16 17:02	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		06/02/16 08:05	06/06/16 17:02	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 17:02	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 17:02	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		06/02/16 08:05	06/06/16 17:02	1
2-Chlorophenol	ND		4.7	0.50	ug/L		06/02/16 08:05	06/06/16 17:02	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		06/02/16 08:05	06/06/16 17:02	1
2-Methylphenol	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 17:02	1
2-Nitroaniline	ND		9.4	0.39	ug/L		06/02/16 08:05	06/06/16 17:02	1
2-Nitrophenol	ND		4.7	0.45	ug/L		06/02/16 08:05	06/06/16 17:02	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 17:02	1
3-Nitroaniline	ND		9.4	0.45	ug/L		06/02/16 08:05	06/06/16 17:02	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		06/02/16 08:05	06/06/16 17:02	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 17:02	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 17:02	1
4-Chloroaniline	ND		4.7	0.55	ug/L		06/02/16 08:05	06/06/16 17:02	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 17:02	1
4-Methylphenol	ND		9.4	0.34	ug/L		06/02/16 08:05	06/06/16 17:02	1
4-Nitroaniline	ND		9.4	0.23	ug/L		06/02/16 08:05	06/06/16 17:02	1
4-Nitrophenol	ND		9.4	1.4	ug/L		06/02/16 08:05	06/06/16 17:02	1
Acenaphthene	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 17:02	1
Acenaphthylene	ND		4.7	0.36	ug/L		06/02/16 08:05	06/06/16 17:02	1
Acetophenone	ND		4.7	0.51	ug/L		06/02/16 08:05	06/06/16 17:02	1
Aniline	ND		9.4	0.57	ug/L		06/02/16 08:05	06/06/16 17:02	1
Anthracene	ND		4.7	0.26	ug/L		06/02/16 08:05	06/06/16 17:02	1
Atrazine	ND		4.7	0.43	ug/L		06/02/16 08:05	06/06/16 17:02	1
Benzaldehyde	ND *		4.7	0.25	ug/L		06/02/16 08:05	06/06/16 17:02	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 17:02	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 17:02	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		06/02/16 08:05	06/06/16 17:02	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 17:02	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		06/02/16 08:05	06/06/16 17:02	1
Biphenyl	ND		4.7	0.61	ug/L		06/02/16 08:05	06/06/16 17:02	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		06/02/16 08:05	06/06/16 17:02	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 17:02	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 17:02	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		06/02/16 08:05	06/06/16 17:02	1
Butyl benzyl phthalate	ND		4.7	0.94	ug/L		06/02/16 08:05	06/06/16 17:02	1
Caprolactam	ND		4.7	2.1	ug/L		06/02/16 08:05	06/06/16 17:02	1
Carbazole	ND		4.7	0.28	ug/L		06/02/16 08:05	06/06/16 17:02	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-PZ-16_0616

Lab Sample ID: 480-100964-8

Date Collected: 06/01/16 13:30

Matrix: Ground Water

Date Received: 06/01/16 16:00

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		06/02/16 08:05	06/06/16 17:02	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		06/02/16 08:05	06/06/16 17:02	1
Dibenzofuran	ND		9.4	0.48	ug/L		06/02/16 08:05	06/06/16 17:02	1
Diethyl phthalate	ND		4.7	0.21	ug/L		06/02/16 08:05	06/06/16 17:02	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 17:02	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		06/02/16 08:05	06/06/16 17:02	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 17:02	1
Fluoranthene	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 17:02	1
Fluorene	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 17:02	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 17:02	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		06/02/16 08:05	06/06/16 17:02	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		06/02/16 08:05	06/06/16 17:02	1
Hexachloroethane	ND		4.7	0.55	ug/L		06/02/16 08:05	06/06/16 17:02	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 17:02	1
Isophorone	ND		4.7	0.40	ug/L		06/02/16 08:05	06/06/16 17:02	1
Naphthalene	ND		4.7	0.71	ug/L		06/02/16 08:05	06/06/16 17:02	1
Nitrobenzene	ND		4.7	0.27	ug/L		06/02/16 08:05	06/06/16 17:02	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		06/02/16 08:05	06/06/16 17:02	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 17:02	1
Pentachlorophenol	ND		9.4	2.1	ug/L		06/02/16 08:05	06/06/16 17:02	1
Phenanthrene	ND		4.7	0.41	ug/L		06/02/16 08:05	06/06/16 17:02	1
Phenol	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 17:02	1
Pyrene	ND		4.7	0.32	ug/L		06/02/16 08:05	06/06/16 17:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	119		52 - 132	06/02/16 08:05	06/06/16 17:02	1
2-Fluorobiphenyl	78		48 - 120	06/02/16 08:05	06/06/16 17:02	1
2-Fluorophenol	45		20 - 120	06/02/16 08:05	06/06/16 17:02	1
Nitrobenzene-d5	67		46 - 120	06/02/16 08:05	06/06/16 17:02	1
Phenol-d5	31		16 - 120	06/02/16 08:05	06/06/16 17:02	1
p-Terphenyl-d14	63	X	67 - 150	06/02/16 08:05	06/06/16 17:02	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/02/16 08:25	06/02/16 20:42	1
Antimony	ND		0.020	0.0068	mg/L		06/02/16 08:25	06/02/16 20:42	1
Arsenic	ND		0.015	0.0056	mg/L		06/02/16 08:25	06/02/16 20:42	1
Barium	0.074		0.0020	0.00070	mg/L		06/02/16 08:25	06/02/16 20:42	1
Beryllium	ND		0.0020	0.00030	mg/L		06/02/16 08:25	06/02/16 20:42	1
Cadmium	ND		0.0020	0.00050	mg/L		06/02/16 08:25	06/02/16 20:42	1
Calcium	229	B	0.50	0.10	mg/L		06/02/16 08:25	06/02/16 20:42	1
Chromium	0.0015	J	0.0040	0.0010	mg/L		06/02/16 08:25	06/02/16 20:42	1
Cobalt	0.0015	J	0.0040	0.00063	mg/L		06/02/16 08:25	06/02/16 20:42	1
Copper	0.0030	J	0.010	0.0016	mg/L		06/02/16 08:25	06/02/16 20:42	1
Iron	4.5		0.050	0.019	mg/L		06/02/16 08:25	06/02/16 20:42	1
Lead	ND		0.010	0.0030	mg/L		06/02/16 08:25	06/02/16 20:42	1
Magnesium	57.3		0.20	0.043	mg/L		06/02/16 08:25	06/02/16 20:42	1
Manganese	0.56		0.0030	0.00040	mg/L		06/02/16 08:25	06/02/16 20:42	1
Nickel	0.0046	J	0.010	0.0013	mg/L		06/02/16 08:25	06/02/16 20:42	1
Potassium	6.3		0.50	0.10	mg/L		06/02/16 08:25	06/02/16 20:42	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-PZ-16_0616

Lab Sample ID: 480-100964-8

Date Collected: 06/01/16 13:30

Matrix: Ground Water

Date Received: 06/01/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/02/16 08:25	06/02/16 20:42	1
Silver	ND		0.0060	0.0017	mg/L		06/02/16 08:25	06/02/16 20:42	1
Sodium	20.4		1.0	0.32	mg/L		06/02/16 08:25	06/02/16 20:42	1
Thallium	ND		0.020	0.010	mg/L		06/02/16 08:25	06/02/16 20:42	1
Vanadium	ND		0.0050	0.0015	mg/L		06/02/16 08:25	06/02/16 20:42	1
Zinc	0.14		0.010	0.0015	mg/L		06/02/16 08:25	06/02/16 20:42	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/02/16 09:40	06/02/16 18:30	1

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E MW-E03_0616

Lab Sample ID: 480-100964-9

Date Collected: 05/31/16 11:15

Matrix: Ground Water

Date Received: 06/01/16 16:00

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			06/07/16 16:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/07/16 16:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/07/16 16:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/07/16 16:03	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/07/16 16:03	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/07/16 16:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/07/16 16:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/07/16 16:03	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/07/16 16:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/07/16 16:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/07/16 16:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/07/16 16:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/07/16 16:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/07/16 16:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/07/16 16:03	1
2-Hexanone	ND		5.0	1.2	ug/L			06/07/16 16:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/07/16 16:03	1
Acetone	3.0	J	10	3.0	ug/L			06/07/16 16:03	1
Benzene	ND		1.0	0.41	ug/L			06/07/16 16:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/07/16 16:03	1
Bromoform	ND		1.0	0.26	ug/L			06/07/16 16:03	1
Bromomethane	ND		1.0	0.69	ug/L			06/07/16 16:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/07/16 16:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/07/16 16:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/07/16 16:03	1
Chloroethane	ND		1.0	0.32	ug/L			06/07/16 16:03	1
Chloroform	ND		1.0	0.34	ug/L			06/07/16 16:03	1
Chloromethane	ND		1.0	0.35	ug/L			06/07/16 16:03	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/07/16 16:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/07/16 16:03	1
Cyclohexane	ND		1.0	0.18	ug/L			06/07/16 16:03	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/07/16 16:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/07/16 16:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/07/16 16:03	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/07/16 16:03	1
Methyl acetate	ND		2.5	1.3	ug/L			06/07/16 16:03	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/07/16 16:03	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/07/16 16:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/07/16 16:03	1
Styrene	ND		1.0	0.73	ug/L			06/07/16 16:03	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/07/16 16:03	1
Toluene	ND		1.0	0.51	ug/L			06/07/16 16:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/07/16 16:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/07/16 16:03	1
Trichloroethene	ND		1.0	0.46	ug/L			06/07/16 16:03	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/07/16 16:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/07/16 16:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/07/16 16:03	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E MW-E03_0616

Lab Sample ID: 480-100964-9

Date Collected: 05/31/16 11:15

Matrix: Ground Water

Date Received: 06/01/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		06/07/16 16:03	1
4-Bromofluorobenzene (Surr)	105		73 - 120		06/07/16 16:03	1
Toluene-d8 (Surr)	99		71 - 126		06/07/16 16:03	1
Dibromofluoromethane (Surr)	102		60 - 140		06/07/16 16:03	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		06/02/16 08:05	06/06/16 17:31	1
2,4,6-Trichlorophenol	ND		4.6	0.57	ug/L		06/02/16 08:05	06/06/16 17:31	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		06/02/16 08:05	06/06/16 17:31	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		06/02/16 08:05	06/06/16 17:31	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		06/02/16 08:05	06/06/16 17:31	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		06/02/16 08:05	06/06/16 17:31	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		06/02/16 08:05	06/06/16 17:31	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		06/02/16 08:05	06/06/16 17:31	1
2-Chlorophenol	ND		4.6	0.49	ug/L		06/02/16 08:05	06/06/16 17:31	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		06/02/16 08:05	06/06/16 17:31	1
2-Methylphenol	ND		4.6	0.37	ug/L		06/02/16 08:05	06/06/16 17:31	1
2-Nitroaniline	ND		9.3	0.39	ug/L		06/02/16 08:05	06/06/16 17:31	1
2-Nitrophenol	ND		4.6	0.44	ug/L		06/02/16 08:05	06/06/16 17:31	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		06/02/16 08:05	06/06/16 17:31	1
3-Nitroaniline	ND		9.3	0.44	ug/L		06/02/16 08:05	06/06/16 17:31	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		06/02/16 08:05	06/06/16 17:31	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		06/02/16 08:05	06/06/16 17:31	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		06/02/16 08:05	06/06/16 17:31	1
4-Chloroaniline	ND		4.6	0.55	ug/L		06/02/16 08:05	06/06/16 17:31	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		06/02/16 08:05	06/06/16 17:31	1
4-Methylphenol	ND		9.3	0.33	ug/L		06/02/16 08:05	06/06/16 17:31	1
4-Nitroaniline	ND		9.3	0.23	ug/L		06/02/16 08:05	06/06/16 17:31	1
4-Nitrophenol	ND		9.3	1.4	ug/L		06/02/16 08:05	06/06/16 17:31	1
Acenaphthene	ND		4.6	0.38	ug/L		06/02/16 08:05	06/06/16 17:31	1
Acenaphthylene	ND		4.6	0.35	ug/L		06/02/16 08:05	06/06/16 17:31	1
Acetophenone	ND		4.6	0.50	ug/L		06/02/16 08:05	06/06/16 17:31	1
Aniline	ND		9.3	0.57	ug/L		06/02/16 08:05	06/06/16 17:31	1
Anthracene	ND		4.6	0.26	ug/L		06/02/16 08:05	06/06/16 17:31	1
Atrazine	ND		4.6	0.43	ug/L		06/02/16 08:05	06/06/16 17:31	1
Benzaldehyde	ND *		4.6	0.25	ug/L		06/02/16 08:05	06/06/16 17:31	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		06/02/16 08:05	06/06/16 17:31	1
Benzo(a)pyrene	ND		4.6	0.44	ug/L		06/02/16 08:05	06/06/16 17:31	1
Benzo(b)fluoranthene	ND		4.6	0.32	ug/L		06/02/16 08:05	06/06/16 17:31	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		06/02/16 08:05	06/06/16 17:31	1
Benzo(k)fluoranthene	ND		4.6	0.68	ug/L		06/02/16 08:05	06/06/16 17:31	1
Biphenyl	ND		4.6	0.61	ug/L		06/02/16 08:05	06/06/16 17:31	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		06/02/16 08:05	06/06/16 17:31	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		06/02/16 08:05	06/06/16 17:31	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		06/02/16 08:05	06/06/16 17:31	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		06/02/16 08:05	06/06/16 17:31	1
Butyl benzyl phthalate	ND		4.6	0.93	ug/L		06/02/16 08:05	06/06/16 17:31	1
Caprolactam	ND		4.6	2.0	ug/L		06/02/16 08:05	06/06/16 17:31	1
Carbazole	ND		4.6	0.28	ug/L		06/02/16 08:05	06/06/16 17:31	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E MW-E03_0616

Lab Sample ID: 480-100964-9

Date Collected: 05/31/16 11:15

Matrix: Ground Water

Date Received: 06/01/16 16:00

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		06/02/16 08:05	06/06/16 17:31	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		06/02/16 08:05	06/06/16 17:31	1
Dibenzofuran	ND		9.3	0.47	ug/L		06/02/16 08:05	06/06/16 17:31	1
Diethyl phthalate	ND		4.6	0.20	ug/L		06/02/16 08:05	06/06/16 17:31	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		06/02/16 08:05	06/06/16 17:31	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		06/02/16 08:05	06/06/16 17:31	1
Di-n-octyl phthalate	ND		4.6	0.44	ug/L		06/02/16 08:05	06/06/16 17:31	1
Fluoranthene	ND		4.6	0.37	ug/L		06/02/16 08:05	06/06/16 17:31	1
Fluorene	ND		4.6	0.33	ug/L		06/02/16 08:05	06/06/16 17:31	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		06/02/16 08:05	06/06/16 17:31	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		06/02/16 08:05	06/06/16 17:31	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		06/02/16 08:05	06/06/16 17:31	1
Hexachloroethane	ND		4.6	0.55	ug/L		06/02/16 08:05	06/06/16 17:31	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.44	ug/L		06/02/16 08:05	06/06/16 17:31	1
Isophorone	ND		4.6	0.40	ug/L		06/02/16 08:05	06/06/16 17:31	1
Naphthalene	ND		4.6	0.70	ug/L		06/02/16 08:05	06/06/16 17:31	1
Nitrobenzene	ND		4.6	0.27	ug/L		06/02/16 08:05	06/06/16 17:31	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		06/02/16 08:05	06/06/16 17:31	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		06/02/16 08:05	06/06/16 17:31	1
Pentachlorophenol	ND		9.3	2.0	ug/L		06/02/16 08:05	06/06/16 17:31	1
Phenanthrene	ND		4.6	0.41	ug/L		06/02/16 08:05	06/06/16 17:31	1
Phenol	ND		4.6	0.36	ug/L		06/02/16 08:05	06/06/16 17:31	1
Pyrene	ND		4.6	0.32	ug/L		06/02/16 08:05	06/06/16 17:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	126		52 - 132	06/02/16 08:05	06/06/16 17:31	1
2-Fluorobiphenyl	77		48 - 120	06/02/16 08:05	06/06/16 17:31	1
2-Fluorophenol	44		20 - 120	06/02/16 08:05	06/06/16 17:31	1
Nitrobenzene-d5	69		46 - 120	06/02/16 08:05	06/06/16 17:31	1
Phenol-d5	32		16 - 120	06/02/16 08:05	06/06/16 17:31	1
p-Terphenyl-d14	77		67 - 150	06/02/16 08:05	06/06/16 17:31	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.19	J	0.20	0.060	mg/L		06/02/16 08:25	06/02/16 20:46	1
Antimony	ND		0.020	0.0068	mg/L		06/02/16 08:25	06/02/16 20:46	1
Arsenic	ND		0.015	0.0056	mg/L		06/02/16 08:25	06/02/16 20:46	1
Barium	0.051		0.0020	0.00070	mg/L		06/02/16 08:25	06/02/16 20:46	1
Beryllium	ND		0.0020	0.00030	mg/L		06/02/16 08:25	06/02/16 20:46	1
Cadmium	ND		0.0020	0.00050	mg/L		06/02/16 08:25	06/02/16 20:46	1
Calcium	191	B	0.50	0.10	mg/L		06/02/16 08:25	06/02/16 20:46	1
Chromium	ND		0.0040	0.0010	mg/L		06/02/16 08:25	06/02/16 20:46	1
Cobalt	ND		0.0040	0.00063	mg/L		06/02/16 08:25	06/02/16 20:46	1
Copper	ND		0.010	0.0016	mg/L		06/02/16 08:25	06/02/16 20:46	1
Iron	0.63		0.050	0.019	mg/L		06/02/16 08:25	06/02/16 20:46	1
Lead	ND		0.010	0.0030	mg/L		06/02/16 08:25	06/02/16 20:46	1
Magnesium	19.4		0.20	0.043	mg/L		06/02/16 08:25	06/02/16 20:46	1
Manganese	0.060		0.0030	0.00040	mg/L		06/02/16 08:25	06/02/16 20:46	1
Nickel	0.0019	J	0.010	0.0013	mg/L		06/02/16 08:25	06/02/16 20:46	1
Potassium	5.9		0.50	0.10	mg/L		06/02/16 08:25	06/02/16 20:46	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E MW-E03_0616

Lab Sample ID: 480-100964-9

Date Collected: 05/31/16 11:15

Matrix: Ground Water

Date Received: 06/01/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/02/16 08:25	06/02/16 20:46	1
Silver	ND		0.0060	0.0017	mg/L		06/02/16 08:25	06/02/16 20:46	1
Sodium	28.6		1.0	0.32	mg/L		06/02/16 08:25	06/02/16 20:46	1
Thallium	ND		0.020	0.010	mg/L		06/02/16 08:25	06/02/16 20:46	1
Vanadium	ND		0.0050	0.0015	mg/L		06/02/16 08:25	06/02/16 20:46	1
Zinc	0.015		0.010	0.0015	mg/L		06/02/16 08:25	06/02/16 20:46	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/02/16 09:40	06/02/16 18:32	1

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E MW-E04_0616

Lab Sample ID: 480-100964-10

Date Collected: 05/31/16 13:40

Matrix: Ground Water

Date Received: 06/01/16 16:00

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			06/07/16 16:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/07/16 16:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/07/16 16:30	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/07/16 16:30	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/07/16 16:30	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/07/16 16:30	1
1,2,4-Trichlorobenzene	0.70	J	1.0	0.41	ug/L			06/07/16 16:30	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/07/16 16:30	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/07/16 16:30	1
1,2-Dichlorobenzene	2.1		1.0	0.79	ug/L			06/07/16 16:30	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/07/16 16:30	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/07/16 16:30	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/07/16 16:30	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/07/16 16:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/07/16 16:30	1
2-Hexanone	ND		5.0	1.2	ug/L			06/07/16 16:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/07/16 16:30	1
Acetone	ND		10	3.0	ug/L			06/07/16 16:30	1
Benzene	ND		1.0	0.41	ug/L			06/07/16 16:30	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/07/16 16:30	1
Bromoform	ND		1.0	0.26	ug/L			06/07/16 16:30	1
Bromomethane	ND		1.0	0.69	ug/L			06/07/16 16:30	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/07/16 16:30	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/07/16 16:30	1
Chlorobenzene	1.1		1.0	0.75	ug/L			06/07/16 16:30	1
Chloroethane	ND		1.0	0.32	ug/L			06/07/16 16:30	1
Chloroform	ND		1.0	0.34	ug/L			06/07/16 16:30	1
Chloromethane	ND		1.0	0.35	ug/L			06/07/16 16:30	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/07/16 16:30	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/07/16 16:30	1
Cyclohexane	ND		1.0	0.18	ug/L			06/07/16 16:30	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/07/16 16:30	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/07/16 16:30	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/07/16 16:30	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/07/16 16:30	1
Methyl acetate	ND		2.5	1.3	ug/L			06/07/16 16:30	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/07/16 16:30	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/07/16 16:30	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/07/16 16:30	1
Styrene	ND		1.0	0.73	ug/L			06/07/16 16:30	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/07/16 16:30	1
Toluene	1.4		1.0	0.51	ug/L			06/07/16 16:30	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/07/16 16:30	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/07/16 16:30	1
Trichloroethene	ND		1.0	0.46	ug/L			06/07/16 16:30	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/07/16 16:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/07/16 16:30	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/07/16 16:30	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E MW-E04_0616

Lab Sample ID: 480-100964-10

Date Collected: 05/31/16 13:40

Matrix: Ground Water

Date Received: 06/01/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		06/07/16 16:30	1
4-Bromofluorobenzene (Surr)	100		73 - 120		06/07/16 16:30	1
Toluene-d8 (Surr)	101		71 - 126		06/07/16 16:30	1
Dibromofluoromethane (Surr)	101		60 - 140		06/07/16 16:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		940	90	ug/L		06/02/16 08:05	06/06/16 18:00	200
2,4,6-Trichlorophenol	ND		940	110	ug/L		06/02/16 08:05	06/06/16 18:00	200
2,4-Dichlorophenol	ND		940	96	ug/L		06/02/16 08:05	06/06/16 18:00	200
2,4-Dimethylphenol	ND		940	94	ug/L		06/02/16 08:05	06/06/16 18:00	200
2,4-Dinitrophenol	ND		1900	420	ug/L		06/02/16 08:05	06/06/16 18:00	200
2,4-Dinitrotoluene	270	J	940	84	ug/L		06/02/16 08:05	06/06/16 18:00	200
2,6-Dinitrotoluene	540	J	940	75	ug/L		06/02/16 08:05	06/06/16 18:00	200
2-Chloronaphthalene	ND		940	86	ug/L		06/02/16 08:05	06/06/16 18:00	200
2-Chlorophenol	ND		940	99	ug/L		06/02/16 08:05	06/06/16 18:00	200
2-Methylnaphthalene	ND		940	110	ug/L		06/02/16 08:05	06/06/16 18:00	200
2-Methylphenol	ND		940	75	ug/L		06/02/16 08:05	06/06/16 18:00	200
2-Nitroaniline	ND		1900	79	ug/L		06/02/16 08:05	06/06/16 18:00	200
2-Nitrophenol	ND		940	90	ug/L		06/02/16 08:05	06/06/16 18:00	200
3,3'-Dichlorobenzidine	ND		940	75	ug/L		06/02/16 08:05	06/06/16 18:00	200
3-Nitroaniline	ND		1900	90	ug/L		06/02/16 08:05	06/06/16 18:00	200
4,6-Dinitro-2-methylphenol	ND		1900	410	ug/L		06/02/16 08:05	06/06/16 18:00	200
4-Bromophenyl phenyl ether	ND		940	84	ug/L		06/02/16 08:05	06/06/16 18:00	200
4-Chloro-3-methylphenol	ND		940	84	ug/L		06/02/16 08:05	06/06/16 18:00	200
4-Chloroaniline	ND		940	110	ug/L		06/02/16 08:05	06/06/16 18:00	200
4-Chlorophenyl phenyl ether	ND		940	66	ug/L		06/02/16 08:05	06/06/16 18:00	200
4-Methylphenol	ND		1900	68	ug/L		06/02/16 08:05	06/06/16 18:00	200
4-Nitroaniline	ND		1900	47	ug/L		06/02/16 08:05	06/06/16 18:00	200
4-Nitrophenol	ND		1900	290	ug/L		06/02/16 08:05	06/06/16 18:00	200
Acenaphthene	ND		940	77	ug/L		06/02/16 08:05	06/06/16 18:00	200
Acenaphthylene	ND		940	71	ug/L		06/02/16 08:05	06/06/16 18:00	200
Acetophenone	ND		940	100	ug/L		06/02/16 08:05	06/06/16 18:00	200
Aniline	ND		1900	110	ug/L		06/02/16 08:05	06/06/16 18:00	200
Anthracene	ND		940	53	ug/L		06/02/16 08:05	06/06/16 18:00	200
Atrazine	ND		940	86	ug/L		06/02/16 08:05	06/06/16 18:00	200
Benzaldehyde	ND *		940	50	ug/L		06/02/16 08:05	06/06/16 18:00	200
Benzo(a)anthracene	ND		940	68	ug/L		06/02/16 08:05	06/06/16 18:00	200
Benzo(a)pyrene	ND		940	88	ug/L		06/02/16 08:05	06/06/16 18:00	200
Benzo(b)fluoranthene	ND		940	64	ug/L		06/02/16 08:05	06/06/16 18:00	200
Benzo(g,h,i)perylene	ND		940	66	ug/L		06/02/16 08:05	06/06/16 18:00	200
Benzo(k)fluoranthene	ND		940	140	ug/L		06/02/16 08:05	06/06/16 18:00	200
Biphenyl	ND		940	120	ug/L		06/02/16 08:05	06/06/16 18:00	200
bis (2-chloroisopropyl) ether	ND		940	98	ug/L		06/02/16 08:05	06/06/16 18:00	200
Bis(2-chloroethoxy)methane	ND		940	66	ug/L		06/02/16 08:05	06/06/16 18:00	200
Bis(2-chloroethyl)ether	ND		940	75	ug/L		06/02/16 08:05	06/06/16 18:00	200
Bis(2-ethylhexyl) phthalate	ND		940	410	ug/L		06/02/16 08:05	06/06/16 18:00	200
Butyl benzyl phthalate	ND		940	190	ug/L		06/02/16 08:05	06/06/16 18:00	200
Caprolactam	ND		940	410	ug/L		06/02/16 08:05	06/06/16 18:00	200
Carbazole	ND		940	56	ug/L		06/02/16 08:05	06/06/16 18:00	200

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E MW-E04_0616

Lab Sample ID: 480-100964-10

Date Collected: 05/31/16 13:40

Matrix: Ground Water

Date Received: 06/01/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		940	62	ug/L		06/02/16 08:05	06/06/16 18:00	200
Dibenz(a,h)anthracene	ND		940	79	ug/L		06/02/16 08:05	06/06/16 18:00	200
Dibenzofuran	ND		1900	96	ug/L		06/02/16 08:05	06/06/16 18:00	200
Diethyl phthalate	ND		940	41	ug/L		06/02/16 08:05	06/06/16 18:00	200
Dimethyl phthalate	ND		940	68	ug/L		06/02/16 08:05	06/06/16 18:00	200
Di-n-butyl phthalate	ND		940	58	ug/L		06/02/16 08:05	06/06/16 18:00	200
Di-n-octyl phthalate	ND		940	88	ug/L		06/02/16 08:05	06/06/16 18:00	200
Fluoranthene	ND		940	75	ug/L		06/02/16 08:05	06/06/16 18:00	200
Fluorene	ND		940	68	ug/L		06/02/16 08:05	06/06/16 18:00	200
Hexachlorobenzene	ND		940	96	ug/L		06/02/16 08:05	06/06/16 18:00	200
Hexachlorobutadiene	ND		940	130	ug/L		06/02/16 08:05	06/06/16 18:00	200
Hexachlorocyclopentadiene	ND		940	110	ug/L		06/02/16 08:05	06/06/16 18:00	200
Hexachloroethane	ND		940	110	ug/L		06/02/16 08:05	06/06/16 18:00	200
Indeno(1,2,3-cd)pyrene	ND		940	88	ug/L		06/02/16 08:05	06/06/16 18:00	200
Isophorone	ND		940	81	ug/L		06/02/16 08:05	06/06/16 18:00	200
Naphthalene	ND		940	140	ug/L		06/02/16 08:05	06/06/16 18:00	200
Nitrobenzene	ND		940	54	ug/L		06/02/16 08:05	06/06/16 18:00	200
N-Nitrosodi-n-propylamine	ND		940	100	ug/L		06/02/16 08:05	06/06/16 18:00	200
N-Nitrosodiphenylamine	ND		940	96	ug/L		06/02/16 08:05	06/06/16 18:00	200
Pentachlorophenol	ND		1900	410	ug/L		06/02/16 08:05	06/06/16 18:00	200
Phenanthrene	ND		940	83	ug/L		06/02/16 08:05	06/06/16 18:00	200
Phenol	ND		940	73	ug/L		06/02/16 08:05	06/06/16 18:00	200
Pyrene	ND		940	64	ug/L		06/02/16 08:05	06/06/16 18:00	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	0	X	52 - 132	06/02/16 08:05	06/06/16 18:00	200
2-Fluorobiphenyl	0	X	48 - 120	06/02/16 08:05	06/06/16 18:00	200
2-Fluorophenol	0	X	20 - 120	06/02/16 08:05	06/06/16 18:00	200
Nitrobenzene-d5	0	X	46 - 120	06/02/16 08:05	06/06/16 18:00	200
Phenol-d5	0	X	16 - 120	06/02/16 08:05	06/06/16 18:00	200
p-Terphenyl-d14	0	X	67 - 150	06/02/16 08:05	06/06/16 18:00	200

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2.7		0.20	0.060	mg/L		06/02/16 08:25	06/02/16 20:49	1
Antimony	0.052		0.020	0.0068	mg/L		06/02/16 08:25	06/02/16 20:49	1
Arsenic	0.011	J	0.015	0.0056	mg/L		06/02/16 08:25	06/02/16 20:49	1
Barium	0.074		0.0020	0.00070	mg/L		06/02/16 08:25	06/02/16 20:49	1
Beryllium	ND		0.0020	0.00030	mg/L		06/02/16 08:25	06/02/16 20:49	1
Cadmium	ND		0.0020	0.00050	mg/L		06/02/16 08:25	06/02/16 20:49	1
Calcium	162	B	0.50	0.10	mg/L		06/02/16 08:25	06/02/16 20:49	1
Chromium	0.0040		0.0040	0.0010	mg/L		06/02/16 08:25	06/02/16 20:49	1
Cobalt	0.0022	J	0.0040	0.00063	mg/L		06/02/16 08:25	06/02/16 20:49	1
Copper	0.0083	J	0.010	0.0016	mg/L		06/02/16 08:25	06/02/16 20:49	1
Iron	2.5		0.050	0.019	mg/L		06/02/16 08:25	06/02/16 20:49	1
Lead	0.0042	J	0.010	0.0030	mg/L		06/02/16 08:25	06/02/16 20:49	1
Magnesium	35.6		0.20	0.043	mg/L		06/02/16 08:25	06/02/16 20:49	1
Manganese	0.65		0.0030	0.00040	mg/L		06/02/16 08:25	06/02/16 20:49	1
Nickel	0.0089	J	0.010	0.0013	mg/L		06/02/16 08:25	06/02/16 20:49	1
Potassium	7.8		0.50	0.10	mg/L		06/02/16 08:25	06/02/16 20:49	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E MW-E04_0616

Lab Sample ID: 480-100964-10

Date Collected: 05/31/16 13:40

Matrix: Ground Water

Date Received: 06/01/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/02/16 08:25	06/02/16 20:49	1
Silver	ND		0.0060	0.0017	mg/L		06/02/16 08:25	06/02/16 20:49	1
Sodium	13.4		1.0	0.32	mg/L		06/02/16 08:25	06/02/16 20:49	1
Thallium	ND		0.020	0.010	mg/L		06/02/16 08:25	06/02/16 20:49	1
Vanadium	0.0046	J	0.0050	0.0015	mg/L		06/02/16 08:25	06/02/16 20:49	1
Zinc	0.14		0.010	0.0015	mg/L		06/02/16 08:25	06/02/16 20:49	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/02/16 09:40	06/02/16 18:34	1

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E MW-E05_0616

Lab Sample ID: 480-100964-11

Date Collected: 06/01/16 09:20

Matrix: Ground Water

Date Received: 06/01/16 16:00

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			06/07/16 16:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/07/16 16:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/07/16 16:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/07/16 16:56	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/07/16 16:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/07/16 16:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/07/16 16:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/07/16 16:56	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/07/16 16:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/07/16 16:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/07/16 16:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/07/16 16:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/07/16 16:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/07/16 16:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/07/16 16:56	1
2-Hexanone	ND		5.0	1.2	ug/L			06/07/16 16:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/07/16 16:56	1
Acetone	ND		10	3.0	ug/L			06/07/16 16:56	1
Benzene	ND		1.0	0.41	ug/L			06/07/16 16:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/07/16 16:56	1
Bromoform	ND		1.0	0.26	ug/L			06/07/16 16:56	1
Bromomethane	ND		1.0	0.69	ug/L			06/07/16 16:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/07/16 16:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/07/16 16:56	1
Chlorobenzene	43		1.0	0.75	ug/L			06/07/16 16:56	1
Chloroethane	ND		1.0	0.32	ug/L			06/07/16 16:56	1
Chloroform	ND		1.0	0.34	ug/L			06/07/16 16:56	1
Chloromethane	ND		1.0	0.35	ug/L			06/07/16 16:56	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/07/16 16:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/07/16 16:56	1
Cyclohexane	ND		1.0	0.18	ug/L			06/07/16 16:56	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/07/16 16:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/07/16 16:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/07/16 16:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/07/16 16:56	1
Methyl acetate	ND		2.5	1.3	ug/L			06/07/16 16:56	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/07/16 16:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/07/16 16:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/07/16 16:56	1
Styrene	ND		1.0	0.73	ug/L			06/07/16 16:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/07/16 16:56	1
Toluene	ND		1.0	0.51	ug/L			06/07/16 16:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/07/16 16:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/07/16 16:56	1
Trichloroethene	ND		1.0	0.46	ug/L			06/07/16 16:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/07/16 16:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/07/16 16:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/07/16 16:56	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E MW-E05_0616

Lab Sample ID: 480-100964-11

Date Collected: 06/01/16 09:20

Matrix: Ground Water

Date Received: 06/01/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		06/07/16 16:56	1
4-Bromofluorobenzene (Surr)	101		73 - 120		06/07/16 16:56	1
Toluene-d8 (Surr)	97		71 - 126		06/07/16 16:56	1
Dibromofluoromethane (Surr)	99		60 - 140		06/07/16 16:56	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		06/02/16 08:05	06/06/16 18:30	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		06/02/16 08:05	06/06/16 18:30	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 18:30	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		06/02/16 08:05	06/06/16 18:30	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		06/02/16 08:05	06/06/16 18:30	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 18:30	1
2,6-Dinitrotoluene	0.43	J	4.7	0.38	ug/L		06/02/16 08:05	06/06/16 18:30	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		06/02/16 08:05	06/06/16 18:30	1
2-Chlorophenol	ND		4.7	0.50	ug/L		06/02/16 08:05	06/06/16 18:30	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		06/02/16 08:05	06/06/16 18:30	1
2-Methylphenol	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 18:30	1
2-Nitroaniline	ND		9.4	0.39	ug/L		06/02/16 08:05	06/06/16 18:30	1
2-Nitrophenol	ND		4.7	0.45	ug/L		06/02/16 08:05	06/06/16 18:30	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 18:30	1
3-Nitroaniline	ND		9.4	0.45	ug/L		06/02/16 08:05	06/06/16 18:30	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		06/02/16 08:05	06/06/16 18:30	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 18:30	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 18:30	1
4-Chloroaniline	ND		4.7	0.55	ug/L		06/02/16 08:05	06/06/16 18:30	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 18:30	1
4-Methylphenol	ND		9.4	0.34	ug/L		06/02/16 08:05	06/06/16 18:30	1
4-Nitroaniline	ND		9.4	0.23	ug/L		06/02/16 08:05	06/06/16 18:30	1
4-Nitrophenol	ND		9.4	1.4	ug/L		06/02/16 08:05	06/06/16 18:30	1
Acenaphthene	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 18:30	1
Acenaphthylene	ND		4.7	0.36	ug/L		06/02/16 08:05	06/06/16 18:30	1
Acetophenone	ND		4.7	0.51	ug/L		06/02/16 08:05	06/06/16 18:30	1
Aniline	ND		9.4	0.57	ug/L		06/02/16 08:05	06/06/16 18:30	1
Anthracene	ND		4.7	0.26	ug/L		06/02/16 08:05	06/06/16 18:30	1
Atrazine	ND		4.7	0.43	ug/L		06/02/16 08:05	06/06/16 18:30	1
Benzaldehyde	0.26	J *	4.7	0.25	ug/L		06/02/16 08:05	06/06/16 18:30	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 18:30	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 18:30	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		06/02/16 08:05	06/06/16 18:30	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 18:30	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		06/02/16 08:05	06/06/16 18:30	1
Biphenyl	ND		4.7	0.61	ug/L		06/02/16 08:05	06/06/16 18:30	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		06/02/16 08:05	06/06/16 18:30	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 18:30	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 18:30	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		06/02/16 08:05	06/06/16 18:30	1
Butyl benzyl phthalate	ND		4.7	0.94	ug/L		06/02/16 08:05	06/06/16 18:30	1
Caprolactam	ND		4.7	2.1	ug/L		06/02/16 08:05	06/06/16 18:30	1
Carbazole	ND		4.7	0.28	ug/L		06/02/16 08:05	06/06/16 18:30	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E MW-E05_0616

Lab Sample ID: 480-100964-11

Date Collected: 06/01/16 09:20

Matrix: Ground Water

Date Received: 06/01/16 16:00

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		06/02/16 08:05	06/06/16 18:30	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		06/02/16 08:05	06/06/16 18:30	1
Dibenzofuran	ND		9.4	0.48	ug/L		06/02/16 08:05	06/06/16 18:30	1
Diethyl phthalate	ND		4.7	0.21	ug/L		06/02/16 08:05	06/06/16 18:30	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 18:30	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		06/02/16 08:05	06/06/16 18:30	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 18:30	1
Fluoranthene	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 18:30	1
Fluorene	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 18:30	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 18:30	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		06/02/16 08:05	06/06/16 18:30	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		06/02/16 08:05	06/06/16 18:30	1
Hexachloroethane	ND		4.7	0.55	ug/L		06/02/16 08:05	06/06/16 18:30	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 18:30	1
Isophorone	ND		4.7	0.40	ug/L		06/02/16 08:05	06/06/16 18:30	1
Naphthalene	ND		4.7	0.71	ug/L		06/02/16 08:05	06/06/16 18:30	1
Nitrobenzene	ND		4.7	0.27	ug/L		06/02/16 08:05	06/06/16 18:30	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		06/02/16 08:05	06/06/16 18:30	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 18:30	1
Pentachlorophenol	ND		9.4	2.1	ug/L		06/02/16 08:05	06/06/16 18:30	1
Phenanthrene	ND		4.7	0.41	ug/L		06/02/16 08:05	06/06/16 18:30	1
Phenol	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 18:30	1
Pyrene	ND		4.7	0.32	ug/L		06/02/16 08:05	06/06/16 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	118		52 - 132	06/02/16 08:05	06/06/16 18:30	1
2-Fluorobiphenyl	85		48 - 120	06/02/16 08:05	06/06/16 18:30	1
2-Fluorophenol	46		20 - 120	06/02/16 08:05	06/06/16 18:30	1
Nitrobenzene-d5	78		46 - 120	06/02/16 08:05	06/06/16 18:30	1
Phenol-d5	34		16 - 120	06/02/16 08:05	06/06/16 18:30	1
p-Terphenyl-d14	85		67 - 150	06/02/16 08:05	06/06/16 18:30	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.22		0.20	0.060	mg/L		06/02/16 08:25	06/02/16 20:53	1
Antimony	ND		0.020	0.0068	mg/L		06/02/16 08:25	06/02/16 20:53	1
Arsenic	0.0062	J	0.015	0.0056	mg/L		06/02/16 08:25	06/02/16 20:53	1
Barium	0.027		0.0020	0.00070	mg/L		06/02/16 08:25	06/02/16 20:53	1
Beryllium	ND		0.0020	0.00030	mg/L		06/02/16 08:25	06/02/16 20:53	1
Cadmium	0.011		0.0020	0.00050	mg/L		06/02/16 08:25	06/02/16 20:53	1
Calcium	130	B	0.50	0.10	mg/L		06/02/16 08:25	06/02/16 20:53	1
Chromium	0.0012	J	0.0040	0.0010	mg/L		06/02/16 08:25	06/02/16 20:53	1
Cobalt	0.014		0.0040	0.00063	mg/L		06/02/16 08:25	06/02/16 20:53	1
Copper	0.13		0.010	0.0016	mg/L		06/02/16 08:25	06/02/16 20:53	1
Iron	0.44		0.050	0.019	mg/L		06/02/16 08:25	06/02/16 20:53	1
Lead	0.058		0.010	0.0030	mg/L		06/02/16 08:25	06/02/16 20:53	1
Magnesium	13.4		0.20	0.043	mg/L		06/02/16 08:25	06/02/16 20:53	1
Manganese	0.22		0.0030	0.00040	mg/L		06/02/16 08:25	06/02/16 20:53	1
Nickel	0.016		0.010	0.0013	mg/L		06/02/16 08:25	06/02/16 20:53	1
Potassium	5.5		0.50	0.10	mg/L		06/02/16 08:25	06/02/16 20:53	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E MW-E05_0616

Lab Sample ID: 480-100964-11

Date Collected: 06/01/16 09:20

Matrix: Ground Water

Date Received: 06/01/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	0.030		0.025	0.0087	mg/L		06/02/16 08:25	06/02/16 20:53	1
Silver	ND		0.0060	0.0017	mg/L		06/02/16 08:25	06/02/16 20:53	1
Sodium	60.6		1.0	0.32	mg/L		06/02/16 08:25	06/02/16 20:53	1
Thallium	ND		0.020	0.010	mg/L		06/02/16 08:25	06/02/16 20:53	1
Vanadium	ND		0.0050	0.0015	mg/L		06/02/16 08:25	06/02/16 20:53	1
Zinc	3.3		0.010	0.0015	mg/L		06/02/16 08:25	06/02/16 20:53	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/02/16 09:40	06/02/16 18:36	1

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E MW-E06_0616

Lab Sample ID: 480-100964-12

Date Collected: 06/01/16 10:10

Matrix: Ground Water

Date Received: 06/01/16 16:00

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			06/07/16 17:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/07/16 17:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/07/16 17:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/07/16 17:23	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/07/16 17:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/07/16 17:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/07/16 17:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/07/16 17:23	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/07/16 17:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/07/16 17:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/07/16 17:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/07/16 17:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/07/16 17:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/07/16 17:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/07/16 17:23	1
2-Hexanone	ND		5.0	1.2	ug/L			06/07/16 17:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/07/16 17:23	1
Acetone	3.2	J	10	3.0	ug/L			06/07/16 17:23	1
Benzene	ND		1.0	0.41	ug/L			06/07/16 17:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/07/16 17:23	1
Bromoform	ND		1.0	0.26	ug/L			06/07/16 17:23	1
Bromomethane	ND		1.0	0.69	ug/L			06/07/16 17:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/07/16 17:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/07/16 17:23	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/07/16 17:23	1
Chloroethane	ND		1.0	0.32	ug/L			06/07/16 17:23	1
Chloroform	ND		1.0	0.34	ug/L			06/07/16 17:23	1
Chloromethane	ND		1.0	0.35	ug/L			06/07/16 17:23	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/07/16 17:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/07/16 17:23	1
Cyclohexane	ND		1.0	0.18	ug/L			06/07/16 17:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/07/16 17:23	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/07/16 17:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/07/16 17:23	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/07/16 17:23	1
Methyl acetate	ND		2.5	1.3	ug/L			06/07/16 17:23	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/07/16 17:23	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/07/16 17:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/07/16 17:23	1
Styrene	ND		1.0	0.73	ug/L			06/07/16 17:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/07/16 17:23	1
Toluene	ND		1.0	0.51	ug/L			06/07/16 17:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/07/16 17:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/07/16 17:23	1
Trichloroethene	ND		1.0	0.46	ug/L			06/07/16 17:23	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/07/16 17:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/07/16 17:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/07/16 17:23	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E MW-E06_0616

Lab Sample ID: 480-100964-12

Date Collected: 06/01/16 10:10

Matrix: Ground Water

Date Received: 06/01/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		66 - 137		06/07/16 17:23	1
4-Bromofluorobenzene (Surr)	102		73 - 120		06/07/16 17:23	1
Toluene-d8 (Surr)	95		71 - 126		06/07/16 17:23	1
Dibromofluoromethane (Surr)	99		60 - 140		06/07/16 17:23	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		06/02/16 08:05	06/06/16 18:59	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		06/02/16 08:05	06/06/16 18:59	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 18:59	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		06/02/16 08:05	06/06/16 18:59	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		06/02/16 08:05	06/06/16 18:59	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 18:59	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 18:59	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		06/02/16 08:05	06/06/16 18:59	1
2-Chlorophenol	ND		4.7	0.50	ug/L		06/02/16 08:05	06/06/16 18:59	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		06/02/16 08:05	06/06/16 18:59	1
2-Methylphenol	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 18:59	1
2-Nitroaniline	ND		9.4	0.40	ug/L		06/02/16 08:05	06/06/16 18:59	1
2-Nitrophenol	ND		4.7	0.45	ug/L		06/02/16 08:05	06/06/16 18:59	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 18:59	1
3-Nitroaniline	ND		9.4	0.45	ug/L		06/02/16 08:05	06/06/16 18:59	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		06/02/16 08:05	06/06/16 18:59	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 18:59	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 18:59	1
4-Chloroaniline	ND		4.7	0.56	ug/L		06/02/16 08:05	06/06/16 18:59	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 18:59	1
4-Methylphenol	ND		9.4	0.34	ug/L		06/02/16 08:05	06/06/16 18:59	1
4-Nitroaniline	ND		9.4	0.24	ug/L		06/02/16 08:05	06/06/16 18:59	1
4-Nitrophenol	ND		9.4	1.4	ug/L		06/02/16 08:05	06/06/16 18:59	1
Acenaphthene	ND		4.7	0.39	ug/L		06/02/16 08:05	06/06/16 18:59	1
Acenaphthylene	ND		4.7	0.36	ug/L		06/02/16 08:05	06/06/16 18:59	1
Acetophenone	ND		4.7	0.51	ug/L		06/02/16 08:05	06/06/16 18:59	1
Aniline	ND		9.4	0.58	ug/L		06/02/16 08:05	06/06/16 18:59	1
Anthracene	ND		4.7	0.26	ug/L		06/02/16 08:05	06/06/16 18:59	1
Atrazine	ND		4.7	0.43	ug/L		06/02/16 08:05	06/06/16 18:59	1
Benzaldehyde	0.27	J *	4.7	0.25	ug/L		06/02/16 08:05	06/06/16 18:59	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 18:59	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 18:59	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		06/02/16 08:05	06/06/16 18:59	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 18:59	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		06/02/16 08:05	06/06/16 18:59	1
Biphenyl	ND		4.7	0.62	ug/L		06/02/16 08:05	06/06/16 18:59	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		06/02/16 08:05	06/06/16 18:59	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 18:59	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 18:59	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		06/02/16 08:05	06/06/16 18:59	1
Butyl benzyl phthalate	ND		4.7	0.94	ug/L		06/02/16 08:05	06/06/16 18:59	1
Caprolactam	ND		4.7	2.1	ug/L		06/02/16 08:05	06/06/16 18:59	1
Carbazole	ND		4.7	0.28	ug/L		06/02/16 08:05	06/06/16 18:59	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E MW-E06_0616

Lab Sample ID: 480-100964-12

Date Collected: 06/01/16 10:10

Matrix: Ground Water

Date Received: 06/01/16 16:00

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		06/02/16 08:05	06/06/16 18:59	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		06/02/16 08:05	06/06/16 18:59	1
Dibenzofuran	ND		9.4	0.48	ug/L		06/02/16 08:05	06/06/16 18:59	1
Diethyl phthalate	ND		4.7	0.21	ug/L		06/02/16 08:05	06/06/16 18:59	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 18:59	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		06/02/16 08:05	06/06/16 18:59	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 18:59	1
Fluoranthene	ND		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 18:59	1
Fluorene	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 18:59	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 18:59	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		06/02/16 08:05	06/06/16 18:59	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		06/02/16 08:05	06/06/16 18:59	1
Hexachloroethane	ND		4.7	0.56	ug/L		06/02/16 08:05	06/06/16 18:59	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 18:59	1
Isophorone	ND		4.7	0.41	ug/L		06/02/16 08:05	06/06/16 18:59	1
Naphthalene	ND		4.7	0.72	ug/L		06/02/16 08:05	06/06/16 18:59	1
Nitrobenzene	ND		4.7	0.27	ug/L		06/02/16 08:05	06/06/16 18:59	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		06/02/16 08:05	06/06/16 18:59	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 18:59	1
Pentachlorophenol	ND		9.4	2.1	ug/L		06/02/16 08:05	06/06/16 18:59	1
Phenanthrene	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 18:59	1
Phenol	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 18:59	1
Pyrene	ND		4.7	0.32	ug/L		06/02/16 08:05	06/06/16 18:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	132		52 - 132	06/02/16 08:05	06/06/16 18:59	1
2-Fluorobiphenyl	85		48 - 120	06/02/16 08:05	06/06/16 18:59	1
2-Fluorophenol	63		20 - 120	06/02/16 08:05	06/06/16 18:59	1
Nitrobenzene-d5	75		46 - 120	06/02/16 08:05	06/06/16 18:59	1
Phenol-d5	36		16 - 120	06/02/16 08:05	06/06/16 18:59	1
p-Terphenyl-d14	76		67 - 150	06/02/16 08:05	06/06/16 18:59	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1.2		0.20	0.060	mg/L		06/02/16 08:25	06/02/16 20:56	1
Antimony	ND		0.020	0.0068	mg/L		06/02/16 08:25	06/02/16 20:56	1
Arsenic	0.021		0.015	0.0056	mg/L		06/02/16 08:25	06/02/16 20:56	1
Barium	0.056		0.0020	0.00070	mg/L		06/02/16 08:25	06/02/16 20:56	1
Beryllium	ND		0.0020	0.00030	mg/L		06/02/16 08:25	06/02/16 20:56	1
Cadmium	ND		0.0020	0.00050	mg/L		06/02/16 08:25	06/02/16 20:56	1
Calcium	330	B	0.50	0.10	mg/L		06/02/16 08:25	06/02/16 20:56	1
Chromium	0.0029	J	0.0040	0.0010	mg/L		06/02/16 08:25	06/02/16 20:56	1
Cobalt	0.013		0.0040	0.00063	mg/L		06/02/16 08:25	06/02/16 20:56	1
Copper	0.015		0.010	0.0016	mg/L		06/02/16 08:25	06/02/16 20:56	1
Iron	73.6		0.050	0.019	mg/L		06/02/16 08:25	06/02/16 20:56	1
Lead	0.0089	J	0.010	0.0030	mg/L		06/02/16 08:25	06/02/16 20:56	1
Magnesium	22.2		0.20	0.043	mg/L		06/02/16 08:25	06/02/16 20:56	1
Manganese	1.1		0.0030	0.00040	mg/L		06/02/16 08:25	06/02/16 20:56	1
Nickel	0.016		0.010	0.0013	mg/L		06/02/16 08:25	06/02/16 20:56	1
Potassium	4.6		0.50	0.10	mg/L		06/02/16 08:25	06/02/16 20:56	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E MW-E06_0616

Lab Sample ID: 480-100964-12

Date Collected: 06/01/16 10:10

Matrix: Ground Water

Date Received: 06/01/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/02/16 08:25	06/02/16 20:56	1
Silver	ND		0.0060	0.0017	mg/L		06/02/16 08:25	06/02/16 20:56	1
Sodium	39.9		1.0	0.32	mg/L		06/02/16 08:25	06/02/16 20:56	1
Thallium	ND		0.020	0.010	mg/L		06/02/16 08:25	06/02/16 20:56	1
Vanadium	0.0030	J	0.0050	0.0015	mg/L		06/02/16 08:25	06/02/16 20:56	1
Zinc	0.92		0.010	0.0015	mg/L		06/02/16 08:25	06/02/16 20:56	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/02/16 09:40	06/02/16 18:38	1

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E MW-E07_0616

Lab Sample ID: 480-100964-13

Date Collected: 06/01/16 11:40

Matrix: Ground Water

Date Received: 06/01/16 16:00

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			06/07/16 17:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/07/16 17:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/07/16 17:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/07/16 17:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/07/16 17:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/07/16 17:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/07/16 17:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/07/16 17:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/07/16 17:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/07/16 17:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/07/16 17:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/07/16 17:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/07/16 17:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/07/16 17:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/07/16 17:50	1
2-Hexanone	ND		5.0	1.2	ug/L			06/07/16 17:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/07/16 17:50	1
Acetone	3.8	J	10	3.0	ug/L			06/07/16 17:50	1
Benzene	ND		1.0	0.41	ug/L			06/07/16 17:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/07/16 17:50	1
Bromoform	ND		1.0	0.26	ug/L			06/07/16 17:50	1
Bromomethane	ND		1.0	0.69	ug/L			06/07/16 17:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/07/16 17:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/07/16 17:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/07/16 17:50	1
Chloroethane	ND		1.0	0.32	ug/L			06/07/16 17:50	1
Chloroform	ND		1.0	0.34	ug/L			06/07/16 17:50	1
Chloromethane	ND		1.0	0.35	ug/L			06/07/16 17:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/07/16 17:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/07/16 17:50	1
Cyclohexane	ND		1.0	0.18	ug/L			06/07/16 17:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/07/16 17:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/07/16 17:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/07/16 17:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/07/16 17:50	1
Methyl acetate	ND		2.5	1.3	ug/L			06/07/16 17:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/07/16 17:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/07/16 17:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/07/16 17:50	1
Styrene	ND		1.0	0.73	ug/L			06/07/16 17:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/07/16 17:50	1
Toluene	ND		1.0	0.51	ug/L			06/07/16 17:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/07/16 17:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/07/16 17:50	1
Trichloroethene	ND		1.0	0.46	ug/L			06/07/16 17:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/07/16 17:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/07/16 17:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/07/16 17:50	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E MW-E07_0616

Lab Sample ID: 480-100964-13

Date Collected: 06/01/16 11:40

Matrix: Ground Water

Date Received: 06/01/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		06/07/16 17:50	1
4-Bromofluorobenzene (Surr)	100		73 - 120		06/07/16 17:50	1
Toluene-d8 (Surr)	96		71 - 126		06/07/16 17:50	1
Dibromofluoromethane (Surr)	100		60 - 140		06/07/16 17:50	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		06/02/16 08:05	06/06/16 23:23	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		06/02/16 08:05	06/06/16 23:23	1
2,4-Dichlorophenol	ND		4.7	0.47	ug/L		06/02/16 08:05	06/06/16 23:23	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		06/02/16 08:05	06/06/16 23:23	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		06/02/16 08:05	06/06/16 23:23	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 23:23	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 23:23	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		06/02/16 08:05	06/06/16 23:23	1
2-Chlorophenol	ND		4.7	0.49	ug/L		06/02/16 08:05	06/06/16 23:23	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		06/02/16 08:05	06/06/16 23:23	1
2-Methylphenol	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 23:23	1
2-Nitroaniline	ND		9.3	0.39	ug/L		06/02/16 08:05	06/06/16 23:23	1
2-Nitrophenol	ND		4.7	0.45	ug/L		06/02/16 08:05	06/06/16 23:23	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 23:23	1
3-Nitroaniline	ND		9.3	0.45	ug/L		06/02/16 08:05	06/06/16 23:23	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		06/02/16 08:05	06/06/16 23:23	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 23:23	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		06/02/16 08:05	06/06/16 23:23	1
4-Chloroaniline	ND		4.7	0.55	ug/L		06/02/16 08:05	06/06/16 23:23	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 23:23	1
4-Methylphenol	ND		9.3	0.34	ug/L		06/02/16 08:05	06/06/16 23:23	1
4-Nitroaniline	ND		9.3	0.23	ug/L		06/02/16 08:05	06/06/16 23:23	1
4-Nitrophenol	ND		9.3	1.4	ug/L		06/02/16 08:05	06/06/16 23:23	1
Acenaphthene	8.7		4.7	0.38	ug/L		06/02/16 08:05	06/06/16 23:23	1
Acenaphthylene	ND		4.7	0.35	ug/L		06/02/16 08:05	06/06/16 23:23	1
Acetophenone	ND		4.7	0.50	ug/L		06/02/16 08:05	06/06/16 23:23	1
Aniline	ND		9.3	0.57	ug/L		06/02/16 08:05	06/06/16 23:23	1
Anthracene	1.3	J	4.7	0.26	ug/L		06/02/16 08:05	06/06/16 23:23	1
Atrazine	ND		4.7	0.43	ug/L		06/02/16 08:05	06/06/16 23:23	1
Benzaldehyde	ND	*	4.7	0.25	ug/L		06/02/16 08:05	06/06/16 23:23	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 23:23	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 23:23	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		06/02/16 08:05	06/06/16 23:23	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 23:23	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		06/02/16 08:05	06/06/16 23:23	1
Biphenyl	ND		4.7	0.61	ug/L		06/02/16 08:05	06/06/16 23:23	1
bis (2-chloroisopropyl) ether	ND		4.7	0.48	ug/L		06/02/16 08:05	06/06/16 23:23	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		06/02/16 08:05	06/06/16 23:23	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		06/02/16 08:05	06/06/16 23:23	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.0	ug/L		06/02/16 08:05	06/06/16 23:23	1
Butyl benzyl phthalate	ND		4.7	0.93	ug/L		06/02/16 08:05	06/06/16 23:23	1
Caprolactam	ND		4.7	2.0	ug/L		06/02/16 08:05	06/06/16 23:23	1
Carbazole	0.43	J	4.7	0.28	ug/L		06/02/16 08:05	06/06/16 23:23	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E MW-E07_0616

Lab Sample ID: 480-100964-13

Date Collected: 06/01/16 11:40

Matrix: Ground Water

Date Received: 06/01/16 16:00

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		06/02/16 08:05	06/06/16 23:23	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		06/02/16 08:05	06/06/16 23:23	1
Dibenzofuran	3.0	J	9.3	0.47	ug/L		06/02/16 08:05	06/06/16 23:23	1
Diethyl phthalate	ND		4.7	0.20	ug/L		06/02/16 08:05	06/06/16 23:23	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 23:23	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		06/02/16 08:05	06/06/16 23:23	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 23:23	1
Fluoranthene	2.8	J	4.7	0.37	ug/L		06/02/16 08:05	06/06/16 23:23	1
Fluorene	6.3		4.7	0.34	ug/L		06/02/16 08:05	06/06/16 23:23	1
Hexachlorobenzene	ND		4.7	0.47	ug/L		06/02/16 08:05	06/06/16 23:23	1
Hexachlorobutadiene	ND		4.7	0.63	ug/L		06/02/16 08:05	06/06/16 23:23	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		06/02/16 08:05	06/06/16 23:23	1
Hexachloroethane	ND		4.7	0.55	ug/L		06/02/16 08:05	06/06/16 23:23	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		06/02/16 08:05	06/06/16 23:23	1
Isophorone	ND		4.7	0.40	ug/L		06/02/16 08:05	06/06/16 23:23	1
Naphthalene	ND		4.7	0.71	ug/L		06/02/16 08:05	06/06/16 23:23	1
Nitrobenzene	ND		4.7	0.27	ug/L		06/02/16 08:05	06/06/16 23:23	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		06/02/16 08:05	06/06/16 23:23	1
N-Nitrosodiphenylamine	ND		4.7	0.47	ug/L		06/02/16 08:05	06/06/16 23:23	1
Pentachlorophenol	ND		9.3	2.0	ug/L		06/02/16 08:05	06/06/16 23:23	1
Phenanthrene	ND		4.7	0.41	ug/L		06/02/16 08:05	06/06/16 23:23	1
Phenol	ND		4.7	0.36	ug/L		06/02/16 08:05	06/06/16 23:23	1
Pyrene	1.7	J	4.7	0.32	ug/L		06/02/16 08:05	06/06/16 23:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	101		52 - 132	06/02/16 08:05	06/06/16 23:23	1
2-Fluorobiphenyl	62		48 - 120	06/02/16 08:05	06/06/16 23:23	1
2-Fluorophenol	33		20 - 120	06/02/16 08:05	06/06/16 23:23	1
Nitrobenzene-d5	52		46 - 120	06/02/16 08:05	06/06/16 23:23	1
Phenol-d5	23		16 - 120	06/02/16 08:05	06/06/16 23:23	1
p-Terphenyl-d14	55	X	67 - 150	06/02/16 08:05	06/06/16 23:23	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.092	J	0.20	0.060	mg/L		06/02/16 08:25	06/03/16 12:50	1
Antimony	ND		0.020	0.0068	mg/L		06/02/16 08:25	06/03/16 12:50	1
Arsenic	0.034		0.015	0.0056	mg/L		06/02/16 08:25	06/03/16 12:50	1
Barium	0.014		0.0020	0.00070	mg/L		06/02/16 08:25	06/03/16 12:50	1
Beryllium	ND		0.0020	0.00030	mg/L		06/02/16 08:25	06/03/16 12:50	1
Cadmium	ND		0.0020	0.00050	mg/L		06/02/16 08:25	06/03/16 12:50	1
Calcium	118	B	0.50	0.10	mg/L		06/02/16 08:25	06/03/16 12:50	1
Chromium	ND		0.0040	0.0010	mg/L		06/02/16 08:25	06/03/16 12:50	1
Cobalt	0.0039	J	0.0040	0.00063	mg/L		06/02/16 08:25	06/03/16 12:50	1
Copper	ND		0.010	0.0016	mg/L		06/02/16 08:25	06/03/16 12:50	1
Iron	34.0		0.050	0.019	mg/L		06/02/16 08:25	06/03/16 12:50	1
Lead	0.0084	J	0.010	0.0030	mg/L		06/02/16 08:25	06/03/16 12:50	1
Magnesium	12.6		0.20	0.043	mg/L		06/02/16 08:25	06/03/16 12:50	1
Manganese	0.15		0.0030	0.00040	mg/L		06/02/16 08:25	06/03/16 12:50	1
Nickel	0.0034	J	0.010	0.0013	mg/L		06/02/16 08:25	06/03/16 12:50	1
Potassium	7.7		0.50	0.10	mg/L		06/02/16 08:25	06/03/16 12:50	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E MW-E07_0616

Lab Sample ID: 480-100964-13

Date Collected: 06/01/16 11:40

Matrix: Ground Water

Date Received: 06/01/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/02/16 08:25	06/03/16 12:50	1
Silver	ND		0.0060	0.0017	mg/L		06/02/16 08:25	06/03/16 12:50	1
Sodium	11.6		1.0	0.32	mg/L		06/02/16 08:25	06/03/16 12:50	1
Thallium	ND		0.020	0.010	mg/L		06/02/16 08:25	06/03/16 12:50	1
Vanadium	ND		0.0050	0.0015	mg/L		06/02/16 08:25	06/03/16 12:50	1
Zinc	0.086		0.010	0.0015	mg/L		06/02/16 08:25	06/03/16 12:50	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/02/16 09:40	06/02/16 18:43	1

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-29 D_0616

Lab Sample ID: 480-100964-14

Date Collected: 05/31/16 09:00

Matrix: Ground Water

Date Received: 06/01/16 16:00

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			06/09/16 03:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/09/16 03:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/09/16 03:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/09/16 03:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/09/16 03:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/09/16 03:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/09/16 03:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/09/16 03:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/09/16 03:18	1
1,2-Dichlorobenzene	1.6		1.0	0.79	ug/L			06/09/16 03:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/09/16 03:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/09/16 03:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/09/16 03:18	1
1,4-Dichlorobenzene	3.0		1.0	0.84	ug/L			06/09/16 03:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/09/16 03:18	1
2-Hexanone	ND		5.0	1.2	ug/L			06/09/16 03:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/09/16 03:18	1
Acetone	ND		10	3.0	ug/L			06/09/16 03:18	1
Benzene	ND		1.0	0.41	ug/L			06/09/16 03:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/09/16 03:18	1
Bromoform	ND		1.0	0.26	ug/L			06/09/16 03:18	1
Bromomethane	ND		1.0	0.69	ug/L			06/09/16 03:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/09/16 03:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/09/16 03:18	1
Chlorobenzene	9.0		1.0	0.75	ug/L			06/09/16 03:18	1
Chloroethane	ND		1.0	0.32	ug/L			06/09/16 03:18	1
Chloroform	ND		1.0	0.34	ug/L			06/09/16 03:18	1
Chloromethane	ND		1.0	0.35	ug/L			06/09/16 03:18	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/09/16 03:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/09/16 03:18	1
Cyclohexane	ND		1.0	0.18	ug/L			06/09/16 03:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/09/16 03:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/09/16 03:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/09/16 03:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/09/16 03:18	1
Methyl acetate	ND		2.5	1.3	ug/L			06/09/16 03:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/09/16 03:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/09/16 03:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/09/16 03:18	1
Styrene	ND		1.0	0.73	ug/L			06/09/16 03:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/09/16 03:18	1
Toluene	ND		1.0	0.51	ug/L			06/09/16 03:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/09/16 03:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/09/16 03:18	1
Trichloroethene	ND		1.0	0.46	ug/L			06/09/16 03:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/09/16 03:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/09/16 03:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/09/16 03:18	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-29 D_0616

Lab Sample ID: 480-100964-14

Date Collected: 05/31/16 09:00

Matrix: Ground Water

Date Received: 06/01/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		66 - 137		06/09/16 03:18	1
4-Bromofluorobenzene (Surr)	106		73 - 120		06/09/16 03:18	1
Toluene-d8 (Surr)	103		71 - 126		06/09/16 03:18	1
Dibromofluoromethane (Surr)	108		60 - 140		06/09/16 03:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		47	4.5	ug/L		06/02/16 08:05	06/06/16 23:52	10
2,4,6-Trichlorophenol	ND		47	5.7	ug/L		06/02/16 08:05	06/06/16 23:52	10
2,4-Dichlorophenol	ND		47	4.8	ug/L		06/02/16 08:05	06/06/16 23:52	10
2,4-Dimethylphenol	ND		47	4.7	ug/L		06/02/16 08:05	06/06/16 23:52	10
2,4-Dinitrophenol	ND		94	21	ug/L		06/02/16 08:05	06/06/16 23:52	10
2,4-Dinitrotoluene	ND		47	4.2	ug/L		06/02/16 08:05	06/06/16 23:52	10
2,6-Dinitrotoluene	ND		47	3.8	ug/L		06/02/16 08:05	06/06/16 23:52	10
2-Chloronaphthalene	ND		47	4.3	ug/L		06/02/16 08:05	06/06/16 23:52	10
2-Chlorophenol	ND		47	5.0	ug/L		06/02/16 08:05	06/06/16 23:52	10
2-Methylnaphthalene	ND		47	5.6	ug/L		06/02/16 08:05	06/06/16 23:52	10
2-Methylphenol	ND		47	3.8	ug/L		06/02/16 08:05	06/06/16 23:52	10
2-Nitroaniline	ND		94	3.9	ug/L		06/02/16 08:05	06/06/16 23:52	10
2-Nitrophenol	ND		47	4.5	ug/L		06/02/16 08:05	06/06/16 23:52	10
3,3'-Dichlorobenzidine	ND		47	3.8	ug/L		06/02/16 08:05	06/06/16 23:52	10
3-Nitroaniline	ND		94	4.5	ug/L		06/02/16 08:05	06/06/16 23:52	10
4,6-Dinitro-2-methylphenol	ND		94	21	ug/L		06/02/16 08:05	06/06/16 23:52	10
4-Bromophenyl phenyl ether	ND		47	4.2	ug/L		06/02/16 08:05	06/06/16 23:52	10
4-Chloro-3-methylphenol	ND		47	4.2	ug/L		06/02/16 08:05	06/06/16 23:52	10
4-Chloroaniline	ND		47	5.5	ug/L		06/02/16 08:05	06/06/16 23:52	10
4-Chlorophenyl phenyl ether	ND		47	3.3	ug/L		06/02/16 08:05	06/06/16 23:52	10
4-Methylphenol	ND		94	3.4	ug/L		06/02/16 08:05	06/06/16 23:52	10
4-Nitroaniline	ND		94	2.3	ug/L		06/02/16 08:05	06/06/16 23:52	10
4-Nitrophenol	ND		94	14	ug/L		06/02/16 08:05	06/06/16 23:52	10
Acenaphthene	ND		47	3.9	ug/L		06/02/16 08:05	06/06/16 23:52	10
Acenaphthylene	ND		47	3.6	ug/L		06/02/16 08:05	06/06/16 23:52	10
Acetophenone	ND		47	5.1	ug/L		06/02/16 08:05	06/06/16 23:52	10
Aniline	ND		94	5.7	ug/L		06/02/16 08:05	06/06/16 23:52	10
Anthracene	ND		47	2.6	ug/L		06/02/16 08:05	06/06/16 23:52	10
Atrazine	ND		47	4.3	ug/L		06/02/16 08:05	06/06/16 23:52	10
Benzaldehyde	ND *		47	2.5	ug/L		06/02/16 08:05	06/06/16 23:52	10
Benzo(a)anthracene	ND		47	3.4	ug/L		06/02/16 08:05	06/06/16 23:52	10
Benzo(a)pyrene	ND		47	4.4	ug/L		06/02/16 08:05	06/06/16 23:52	10
Benzo(b)fluoranthene	ND		47	3.2	ug/L		06/02/16 08:05	06/06/16 23:52	10
Benzo(g,h,i)perylene	ND		47	3.3	ug/L		06/02/16 08:05	06/06/16 23:52	10
Benzo(k)fluoranthene	ND		47	6.9	ug/L		06/02/16 08:05	06/06/16 23:52	10
Biphenyl	ND		47	6.1	ug/L		06/02/16 08:05	06/06/16 23:52	10
bis (2-chloroisopropyl) ether	ND		47	4.9	ug/L		06/02/16 08:05	06/06/16 23:52	10
Bis(2-chloroethoxy)methane	ND		47	3.3	ug/L		06/02/16 08:05	06/06/16 23:52	10
Bis(2-chloroethyl)ether	ND		47	3.8	ug/L		06/02/16 08:05	06/06/16 23:52	10
Bis(2-ethylhexyl) phthalate	ND		47	21	ug/L		06/02/16 08:05	06/06/16 23:52	10
Butyl benzyl phthalate	ND		47	9.4	ug/L		06/02/16 08:05	06/06/16 23:52	10
Caprolactam	ND		47	21	ug/L		06/02/16 08:05	06/06/16 23:52	10
Carbazole	ND		47	2.8	ug/L		06/02/16 08:05	06/06/16 23:52	10

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-29 D_0616

Lab Sample ID: 480-100964-14

Date Collected: 05/31/16 09:00

Matrix: Ground Water

Date Received: 06/01/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		47	3.1	ug/L		06/02/16 08:05	06/06/16 23:52	10
Dibenz(a,h)anthracene	ND		47	3.9	ug/L		06/02/16 08:05	06/06/16 23:52	10
Dibenzofuran	ND		94	4.8	ug/L		06/02/16 08:05	06/06/16 23:52	10
Diethyl phthalate	ND		47	2.1	ug/L		06/02/16 08:05	06/06/16 23:52	10
Dimethyl phthalate	ND		47	3.4	ug/L		06/02/16 08:05	06/06/16 23:52	10
Di-n-butyl phthalate	ND		47	2.9	ug/L		06/02/16 08:05	06/06/16 23:52	10
Di-n-octyl phthalate	ND		47	4.4	ug/L		06/02/16 08:05	06/06/16 23:52	10
Fluoranthene	ND		47	3.8	ug/L		06/02/16 08:05	06/06/16 23:52	10
Fluorene	ND		47	3.4	ug/L		06/02/16 08:05	06/06/16 23:52	10
Hexachlorobenzene	ND		47	4.8	ug/L		06/02/16 08:05	06/06/16 23:52	10
Hexachlorobutadiene	ND		47	6.4	ug/L		06/02/16 08:05	06/06/16 23:52	10
Hexachlorocyclopentadiene	ND		47	5.5	ug/L		06/02/16 08:05	06/06/16 23:52	10
Hexachloroethane	ND		47	5.5	ug/L		06/02/16 08:05	06/06/16 23:52	10
Indeno(1,2,3-cd)pyrene	ND		47	4.4	ug/L		06/02/16 08:05	06/06/16 23:52	10
Isophorone	ND		47	4.0	ug/L		06/02/16 08:05	06/06/16 23:52	10
Naphthalene	ND		47	7.1	ug/L		06/02/16 08:05	06/06/16 23:52	10
Nitrobenzene	ND		47	2.7	ug/L		06/02/16 08:05	06/06/16 23:52	10
N-Nitrosodi-n-propylamine	ND		47	5.1	ug/L		06/02/16 08:05	06/06/16 23:52	10
N-Nitrosodiphenylamine	ND		47	4.8	ug/L		06/02/16 08:05	06/06/16 23:52	10
Pentachlorophenol	ND		94	21	ug/L		06/02/16 08:05	06/06/16 23:52	10
Phenanthrene	ND		47	4.1	ug/L		06/02/16 08:05	06/06/16 23:52	10
Phenol	ND		47	3.7	ug/L		06/02/16 08:05	06/06/16 23:52	10
Pyrene	ND		47	3.2	ug/L		06/02/16 08:05	06/06/16 23:52	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	95		52 - 132	06/02/16 08:05	06/06/16 23:52	10
2-Fluorobiphenyl	82		48 - 120	06/02/16 08:05	06/06/16 23:52	10
2-Fluorophenol	46		20 - 120	06/02/16 08:05	06/06/16 23:52	10
Nitrobenzene-d5	68		46 - 120	06/02/16 08:05	06/06/16 23:52	10
Phenol-d5	30		16 - 120	06/02/16 08:05	06/06/16 23:52	10
p-Terphenyl-d14	76		67 - 150	06/02/16 08:05	06/06/16 23:52	10

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/02/16 08:25	06/03/16 12:54	1
Antimony	ND		0.020	0.0068	mg/L		06/02/16 08:25	06/03/16 12:54	1
Arsenic	0.0089	J	0.015	0.0056	mg/L		06/02/16 08:25	06/03/16 12:54	1
Barium	0.12		0.0020	0.00070	mg/L		06/02/16 08:25	06/03/16 12:54	1
Beryllium	ND		0.0020	0.00030	mg/L		06/02/16 08:25	06/03/16 12:54	1
Cadmium	ND		0.0020	0.00050	mg/L		06/02/16 08:25	06/03/16 12:54	1
Calcium	62.3	B	0.50	0.10	mg/L		06/02/16 08:25	06/03/16 12:54	1
Chromium	0.0031	J	0.0040	0.0010	mg/L		06/02/16 08:25	06/03/16 12:54	1
Cobalt	ND		0.0040	0.00063	mg/L		06/02/16 08:25	06/03/16 12:54	1
Copper	ND		0.010	0.0016	mg/L		06/02/16 08:25	06/03/16 12:54	1
Iron	0.052		0.050	0.019	mg/L		06/02/16 08:25	06/03/16 12:54	1
Lead	ND		0.010	0.0030	mg/L		06/02/16 08:25	06/03/16 12:54	1
Magnesium	10.4		0.20	0.043	mg/L		06/02/16 08:25	06/03/16 12:54	1
Manganese	0.067		0.0030	0.00040	mg/L		06/02/16 08:25	06/03/16 12:54	1
Nickel	0.0020	J	0.010	0.0013	mg/L		06/02/16 08:25	06/03/16 12:54	1
Potassium	3.2		0.50	0.10	mg/L		06/02/16 08:25	06/03/16 12:54	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-29 D_0616

Lab Sample ID: 480-100964-14

Date Collected: 05/31/16 09:00

Matrix: Ground Water

Date Received: 06/01/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/02/16 08:25	06/03/16 12:54	1
Silver	ND		0.0060	0.0017	mg/L		06/02/16 08:25	06/03/16 12:54	1
Sodium	154		1.0	0.32	mg/L		06/02/16 08:25	06/03/16 12:54	1
Thallium	ND		0.020	0.010	mg/L		06/02/16 08:25	06/03/16 12:54	1
Vanadium	ND		0.0050	0.0015	mg/L		06/02/16 08:25	06/03/16 12:54	1
Zinc	ND		0.010	0.0015	mg/L		06/02/16 08:25	06/03/16 12:54	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/02/16 09:40	06/02/16 18:45	1

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-100964-15

Date Collected: 05/31/16 00:00

Matrix: Water

Date Received: 06/01/16 16:00

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			06/08/16 15:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/08/16 15:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/08/16 15:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/08/16 15:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/08/16 15:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/08/16 15:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/08/16 15:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/08/16 15:55	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/08/16 15:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/08/16 15:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/08/16 15:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/08/16 15:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/08/16 15:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/08/16 15:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/08/16 15:55	1
2-Hexanone	ND		5.0	1.2	ug/L			06/08/16 15:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/08/16 15:55	1
Acetone	ND		10	3.0	ug/L			06/08/16 15:55	1
Benzene	ND		1.0	0.41	ug/L			06/08/16 15:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/08/16 15:55	1
Bromoform	ND		1.0	0.26	ug/L			06/08/16 15:55	1
Bromomethane	ND		1.0	0.69	ug/L			06/08/16 15:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/08/16 15:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/08/16 15:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/08/16 15:55	1
Chloroethane	ND		1.0	0.32	ug/L			06/08/16 15:55	1
Chloroform	ND		1.0	0.34	ug/L			06/08/16 15:55	1
Chloromethane	ND		1.0	0.35	ug/L			06/08/16 15:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/08/16 15:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/08/16 15:55	1
Cyclohexane	ND		1.0	0.18	ug/L			06/08/16 15:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/08/16 15:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/08/16 15:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/08/16 15:55	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/08/16 15:55	1
Methyl acetate	ND		2.5	1.3	ug/L			06/08/16 15:55	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/08/16 15:55	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/08/16 15:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/08/16 15:55	1
Styrene	ND		1.0	0.73	ug/L			06/08/16 15:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/08/16 15:55	1
Toluene	ND		1.0	0.51	ug/L			06/08/16 15:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/08/16 15:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/08/16 15:55	1
Trichloroethene	ND		1.0	0.46	ug/L			06/08/16 15:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/08/16 15:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/08/16 15:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/08/16 15:55	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-100964-15

Date Collected: 05/31/16 00:00

Matrix: Water

Date Received: 06/01/16 16:00

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	97		66 - 137		06/08/16 15:55	1
4-Bromofluorobenzene (Surr)	96		73 - 120		06/08/16 15:55	1
Toluene-d8 (Surr)	94		71 - 126		06/08/16 15:55	1
Dibromofluoromethane (Surr)	98		60 - 140		06/08/16 15:55	1

Surrogate Summary

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

TestAmerica Job ID: 480-100964-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (66-137)	BFB (73-120)	TOL (71-126)	DBFM (60-140)
480-100964-1	BCC Area E R-10_0616	108	95	97	104
480-100964-2	BCC Area E R-11_0616	108	93	97	102
480-100964-3	BCC Area E RFI-17_0616	107	93	97	105
480-100964-4	BCC Area E RFI-29_0616	107	94	97	105
480-100964-4 MS	BCC Area E RFI-29 MS_0616	107	102	100	105
480-100964-4 MSD	BCC Area E RFI-29 MSD_0616	105	100	99	105
480-100964-5	BCC Area E RFI-32_0616	95	109	100	96
480-100964-5 MS	BCC Area E RFI-32_0616	97	109	97	101
480-100964-5 MSD	BCC Area E RFI-32_0616	97	112	101	100
480-100964-6	BCC Area E RFI-33_0616	98	104	99	97
480-100964-7	BCC Area E RFI-51_0616	100	104	98	99
480-100964-8	BCC Area E RFI-PZ-16_0616	94	101	97	95
480-100964-9	BCC Area E MW-E03_0616	100	105	99	102
480-100964-10	BCC Area E MW-E04_0616	101	100	101	101
480-100964-11	BCC Area E MW-E05_0616	99	101	97	99
480-100964-12	BCC Area E MW-E06_0616	97	102	95	99
480-100964-13	BCC Area E MW-E07_0616	101	100	96	100
480-100964-14	BCC Area E RFI-29 D_0616	105	106	103	108

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (66-137)	BFB (73-120)	TOL (71-126)	DBFM (60-140)
480-100964-15	TRIP BLANK	97	96	94	98
LCS 480-304863/4	Lab Control Sample	98	113	101	99
LCS 480-305250/5	Lab Control Sample	102	103	100	102
LCS 480-305367/5	Lab Control Sample	97	101	99	99
LCS 480-305567/5	Lab Control Sample	96	99	95	98
LCS 480-305764/39	Lab Control Sample	101	105	102	107
MB 480-304863/6	Method Blank	101	108	102	102
MB 480-305250/7	Method Blank	100	99	97	100
MB 480-305367/7	Method Blank	104	103	98	105
MB 480-305567/7	Method Blank	96	96	95	98
MB 480-305764/7	Method Blank	103	101	100	105

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

TestAmerica Buffalo

Surrogate Summary

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

TestAmerica Job ID: 480-100964-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-100964-1	BCC Area E R-10_0616	120	82	48	80	34	88
480-100964-2	BCC Area E R-11_0616	129	79	45	72	30	78
480-100964-3	BCC Area E RFI-17_0616	113	86	51	79	36	83
480-100964-4	BCC Area E RFI-29_0616	113	86	63	77	33	80
480-100964-4 MS	BCC Area E RFI-29 MS_0616	119	81	62	70	40	72
480-100964-4 MSD	BCC Area E RFI-29 MSD_0616	115	86	81	78	43	72
480-100964-5	BCC Area E RFI-32_0616	122	74	42	69	31	63 X
480-100964-6	BCC Area E RFI-33_0616	116	81	64	74	34	69
480-100964-7	BCC Area E RFI-51_0616	138 X	83	47	58	36	75
480-100964-8	BCC Area E RFI-PZ-16_0616	119	78	45	67	31	63 X
480-100964-9	BCC Area E MW-E03_0616	126	77	44	69	32	77
480-100964-10	BCC Area E MW-E04_0616	0 X	0 X	0 X	0 X	0 X	0 X
480-100964-11	BCC Area E MW-E05_0616	118	85	46	78	34	85
480-100964-12	BCC Area E MW-E06_0616	132	85	63	75	36	76
480-100964-13	BCC Area E MW-E07_0616	101	62	33	52	23	55 X
480-100964-14	BCC Area E RFI-29 D_0616	95	82	46	68	30	76

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
LCS 480-304690/2-A	Lab Control Sample	117	89	82	84	47	98
MB 480-304690/1-A	Method Blank	106	83	50	78	35	90

Surrogate Legend

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

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: MB 480-304863/6

Matrix: Water

Analysis Batch: 304863

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			06/03/16 00:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/03/16 00:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/03/16 00:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/03/16 00:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/03/16 00:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/03/16 00:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/03/16 00:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/03/16 00:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/03/16 00:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/03/16 00:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/03/16 00:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/03/16 00:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/03/16 00:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/03/16 00:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/03/16 00:31	1
2-Hexanone	ND		5.0	1.2	ug/L			06/03/16 00:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/03/16 00:31	1
Acetone	ND		10	3.0	ug/L			06/03/16 00:31	1
Benzene	ND		1.0	0.41	ug/L			06/03/16 00:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/03/16 00:31	1
Bromoform	ND		1.0	0.26	ug/L			06/03/16 00:31	1
Bromomethane	ND		1.0	0.69	ug/L			06/03/16 00:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/03/16 00:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/03/16 00:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/03/16 00:31	1
Chloroethane	ND		1.0	0.32	ug/L			06/03/16 00:31	1
Chloroform	ND		1.0	0.34	ug/L			06/03/16 00:31	1
Chloromethane	ND		1.0	0.35	ug/L			06/03/16 00:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/03/16 00:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/03/16 00:31	1
Cyclohexane	ND		1.0	0.18	ug/L			06/03/16 00:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/03/16 00:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/03/16 00:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/03/16 00:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/03/16 00:31	1
Methyl acetate	ND		2.5	1.3	ug/L			06/03/16 00:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/03/16 00:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/03/16 00:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/03/16 00:31	1
Styrene	ND		1.0	0.73	ug/L			06/03/16 00:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/03/16 00:31	1
Toluene	ND		1.0	0.51	ug/L			06/03/16 00:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/03/16 00:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/03/16 00:31	1
Trichloroethene	ND		1.0	0.46	ug/L			06/03/16 00:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/03/16 00:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/03/16 00:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/03/16 00:31	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

<i>Surrogate</i>	<i>MB</i> <i>%Recovery</i>	<i>MB</i> <i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		06/03/16 00:31	1
4-Bromofluorobenzene (Surr)	108		73 - 120		06/03/16 00:31	1
Toluene-d8 (Surr)	102		71 - 126		06/03/16 00:31	1
Dibromofluoromethane (Surr)	102		60 - 140		06/03/16 00:31	1

Lab Sample ID: LCS 480-304863/4

Matrix: Water

Analysis Batch: 304863

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

<i>Analyte</i>	<i>Spike</i> <i>Added</i>	<i>LCS</i> <i>Result</i>	<i>LCS</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>
1,1,1-Trichloroethane	25.0	29.8		ug/L		119	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.6		ug/L		102	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	31.8		ug/L		127	52 - 148
1,1,2-Trichloroethane	25.0	29.0		ug/L		116	76 - 122
1,1-Dichloroethane	25.0	27.1		ug/L		108	71 - 129
1,1-Dichloroethene	25.0	28.4		ug/L		114	58 - 121
1,2,4-Trichlorobenzene	25.0	24.7		ug/L		99	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.8		ug/L		91	56 - 134
1,2-Dibromoethane	25.0	29.0		ug/L		116	77 - 120
1,2-Dichlorobenzene	25.0	24.0		ug/L		96	80 - 124
1,2-Dichloroethane	25.0	25.5		ug/L		102	75 - 127
1,2-Dichloropropane	25.0	28.0		ug/L		112	76 - 120
1,3-Dichlorobenzene	25.0	24.1		ug/L		97	77 - 120
1,4-Dichlorobenzene	25.0	24.7		ug/L		99	75 - 120
2-Butanone (MEK)	125	133		ug/L		106	57 - 140
2-Hexanone	125	149		ug/L		119	65 - 127
4-Methyl-2-pentanone (MIBK)	125	144		ug/L		115	71 - 125
Acetone	125	109		ug/L		88	56 - 142
Benzene	25.0	27.7		ug/L		111	71 - 124
Bromodichloromethane	25.0	27.8		ug/L		111	80 - 122
Bromoform	25.0	30.2		ug/L		121	52 - 132
Bromomethane	25.0	23.8		ug/L		95	55 - 144
Carbon disulfide	25.0	26.9		ug/L		108	59 - 134
Carbon tetrachloride	25.0	31.4		ug/L		125	72 - 134
Chlorobenzene	25.0	26.7		ug/L		107	72 - 120
Chloroethane	25.0	28.0		ug/L		112	69 - 136
Chloroform	25.0	25.5		ug/L		102	73 - 127
Chloromethane	25.0	24.3		ug/L		97	68 - 124
cis-1,2-Dichloroethene	25.0	25.3		ug/L		101	74 - 124
cis-1,3-Dichloropropene	25.0	28.0		ug/L		112	74 - 124
Cyclohexane	25.0	32.0		ug/L		128	59 - 135
Dibromochloromethane	25.0	28.2		ug/L		113	75 - 125
Dichlorodifluoromethane	25.0	26.2		ug/L		105	59 - 135
Ethylbenzene	25.0	25.5		ug/L		102	77 - 123
Isopropylbenzene	25.0	25.7		ug/L		103	77 - 122
Methyl acetate	125	143		ug/L		114	74 - 133
Methyl tert-butyl ether	25.0	26.3		ug/L		105	64 - 127
Methylcyclohexane	25.0	30.6		ug/L		122	61 - 138
Methylene Chloride	25.0	27.0		ug/L		108	57 - 132
Styrene	25.0	27.7		ug/L		111	70 - 130
Tetrachloroethene	25.0	29.5		ug/L		118	74 - 122
Toluene	25.0	27.1		ug/L		108	80 - 122
trans-1,2-Dichloroethene	25.0	27.6		ug/L		110	73 - 127

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: LCS 480-304863/4

Matrix: Water

Analysis Batch: 304863

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	26.8		ug/L		107	72 - 123
Trichloroethene	25.0	28.6		ug/L		115	74 - 123
Trichlorofluoromethane	25.0	29.9		ug/L		120	62 - 152
Vinyl chloride	25.0	26.9		ug/L		108	65 - 133
Xylenes, Total	50.0	51.9		ug/L		104	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		66 - 137
4-Bromofluorobenzene (Surr)	113		73 - 120
Toluene-d8 (Surr)	101		71 - 126
Dibromofluoromethane (Surr)	99		60 - 140

Lab Sample ID: 480-100964-5 MS

Matrix: Ground Water

Analysis Batch: 304863

Client Sample ID: BCC Area E RFI-32_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		500	576		ug/L		115	73 - 126
1,1,2,2-Tetrachloroethane	ND		500	492		ug/L		98	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	631		ug/L		126	52 - 148
1,1,2-Trichloroethane	ND		500	522		ug/L		104	76 - 122
1,1-Dichloroethane	ND		500	530		ug/L		106	71 - 129
1,1-Dichloroethene	ND		500	531		ug/L		106	58 - 121
1,2,4-Trichlorobenzene	ND		500	465		ug/L		93	70 - 122
1,2-Dibromo-3-Chloropropane	ND		500	438		ug/L		88	56 - 134
1,2-Dibromoethane	ND		500	523		ug/L		105	77 - 120
1,2-Dichlorobenzene	ND		500	468		ug/L		94	80 - 124
1,2-Dichloroethane	ND		500	503		ug/L		101	75 - 127
1,2-Dichloropropane	ND		500	564		ug/L		113	76 - 120
1,3-Dichlorobenzene	ND		500	462		ug/L		92	77 - 120
1,4-Dichlorobenzene	ND		500	489		ug/L		98	75 - 120
2-Butanone (MEK)	ND		2500	2760		ug/L		110	57 - 140
2-Hexanone	ND		2500	2790		ug/L		111	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		2500	2620		ug/L		105	71 - 125
Acetone	ND		2500	2440		ug/L		98	56 - 142
Benzene	ND		500	547		ug/L		109	71 - 124
Bromodichloromethane	ND		500	542		ug/L		108	80 - 122
Bromoform	ND		500	539		ug/L		108	52 - 132
Bromomethane	ND		500	531		ug/L		106	55 - 144
Carbon disulfide	ND		500	542		ug/L		108	59 - 134
Carbon tetrachloride	ND		500	594		ug/L		119	72 - 134
Chlorobenzene	1700	F1	500	1830	F1	ug/L		20	72 - 120
Chloroethane	ND		500	559		ug/L		112	69 - 136
Chloroform	ND		500	517		ug/L		103	73 - 127
Chloromethane	ND		500	482		ug/L		96	68 - 124
cis-1,2-Dichloroethene	ND		500	501		ug/L		100	74 - 124
cis-1,3-Dichloropropene	ND		500	536		ug/L		107	74 - 124

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: 480-100964-5 MS

Matrix: Ground Water

Analysis Batch: 304863

Client Sample ID: BCC Area E RFI-32_0616

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyclohexane	ND		500	597		ug/L		119	59 - 135
Dibromochloromethane	ND		500	528		ug/L		106	75 - 125
Dichlorodifluoromethane	ND		500	491		ug/L		98	59 - 135
Ethylbenzene	ND		500	491		ug/L		98	77 - 123
Isopropylbenzene	ND		500	496		ug/L		99	77 - 122
Methyl acetate	ND		2500	2710		ug/L		109	74 - 133
Methyl tert-butyl ether	ND		500	515		ug/L		103	64 - 127
Methylcyclohexane	ND		500	580		ug/L		116	61 - 138
Methylene Chloride	ND		500	537		ug/L		107	57 - 132
Styrene	ND		500	522		ug/L		104	70 - 130
Tetrachloroethene	ND		500	554		ug/L		111	74 - 122
Toluene	ND		500	515		ug/L		103	80 - 122
trans-1,2-Dichloroethene	ND		500	549		ug/L		110	73 - 127
trans-1,3-Dichloropropene	ND		500	486		ug/L		97	72 - 123
Trichloroethene	ND		500	546		ug/L		109	74 - 123
Trichlorofluoromethane	ND		500	602		ug/L		120	62 - 152
Vinyl chloride	ND		500	535		ug/L		107	65 - 133
Xylenes, Total	ND		1000	988		ug/L		99	76 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		66 - 137
4-Bromofluorobenzene (Surr)	109		73 - 120
Toluene-d8 (Surr)	97		71 - 126
Dibromofluoromethane (Surr)	101		60 - 140

Lab Sample ID: 480-100964-5 MSD

Matrix: Ground Water

Analysis Batch: 304863

Client Sample ID: BCC Area E RFI-32_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		500	555		ug/L		111	73 - 126	4	15
1,1,2,2-Tetrachloroethane	ND		500	477		ug/L		95	70 - 126	3	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	549		ug/L		110	52 - 148	14	20
1,1,2-Trichloroethane	ND		500	512		ug/L		102	76 - 122	2	15
1,1-Dichloroethane	ND		500	505		ug/L		101	71 - 129	5	20
1,1-Dichloroethene	ND		500	485		ug/L		97	58 - 121	9	16
1,2,4-Trichlorobenzene	ND		500	473		ug/L		95	70 - 122	2	20
1,2-Dibromo-3-Chloropropane	ND		500	438		ug/L		88	56 - 134	0	15
1,2-Dibromoethane	ND		500	507		ug/L		101	77 - 120	3	15
1,2-Dichlorobenzene	ND		500	458		ug/L		92	80 - 124	2	20
1,2-Dichloroethane	ND		500	470		ug/L		94	75 - 127	7	20
1,2-Dichloropropane	ND		500	523		ug/L		105	76 - 120	8	20
1,3-Dichlorobenzene	ND		500	448		ug/L		90	77 - 120	3	20
1,4-Dichlorobenzene	ND		500	465		ug/L		93	75 - 120	5	20
2-Butanone (MEK)	ND		2500	2530		ug/L		101	57 - 140	9	20
2-Hexanone	ND		2500	2600		ug/L		104	65 - 127	7	15
4-Methyl-2-pentanone (MIBK)	ND		2500	2560		ug/L		103	71 - 125	2	35

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: 480-100964-5 MSD

Matrix: Ground Water

Analysis Batch: 304863

Client Sample ID: BCC Area E RFI-32_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		2500	2360		ug/L		94	56 - 142	3	15
Benzene	ND		500	516		ug/L		103	71 - 124	6	13
Bromodichloromethane	ND		500	505		ug/L		101	80 - 122	7	15
Bromoform	ND		500	528		ug/L		106	52 - 132	2	15
Bromomethane	ND		500	504		ug/L		101	55 - 144	5	15
Carbon disulfide	ND		500	503		ug/L		101	59 - 134	7	15
Carbon tetrachloride	ND		500	577		ug/L		115	72 - 134	3	15
Chlorobenzene	1700	F1	500	1800	F1	ug/L		13	72 - 120	2	25
Chloroethane	ND		500	528		ug/L		106	69 - 136	6	15
Chloroform	ND		500	483		ug/L		97	73 - 127	7	20
Chloromethane	ND		500	466		ug/L		93	68 - 124	3	15
cis-1,2-Dichloroethene	ND		500	479		ug/L		96	74 - 124	4	15
cis-1,3-Dichloropropene	ND		500	490		ug/L		98	74 - 124	9	15
Cyclohexane	ND		500	572		ug/L		114	59 - 135	4	20
Dibromochloromethane	ND		500	521		ug/L		104	75 - 125	1	15
Dichlorodifluoromethane	ND		500	465		ug/L		93	59 - 135	5	20
Ethylbenzene	ND		500	466		ug/L		93	77 - 123	5	15
Isopropylbenzene	ND		500	477		ug/L		95	77 - 122	4	20
Methyl acetate	ND		2500	2580		ug/L		103	74 - 133	5	20
Methyl tert-butyl ether	ND		500	492		ug/L		98	64 - 127	5	37
Methylcyclohexane	ND		500	535		ug/L		107	61 - 138	8	20
Methylene Chloride	ND		500	525		ug/L		105	57 - 132	2	15
Styrene	ND		500	499		ug/L		100	70 - 130	4	20
Tetrachloroethene	ND		500	513		ug/L		103	74 - 122	8	20
Toluene	ND		500	494		ug/L		99	80 - 122	4	15
trans-1,2-Dichloroethene	ND		500	531		ug/L		106	73 - 127	3	20
trans-1,3-Dichloropropene	ND		500	480		ug/L		96	72 - 123	1	15
Trichloroethene	ND		500	525		ug/L		105	74 - 123	4	16
Trichlorofluoromethane	ND		500	573		ug/L		115	62 - 152	5	20
Vinyl chloride	ND		500	493		ug/L		99	65 - 133	8	15
Xylenes, Total	ND		1000	960		ug/L		96	76 - 122	3	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		66 - 137
4-Bromofluorobenzene (Surr)	112		73 - 120
Toluene-d8 (Surr)	101		71 - 126
Dibromofluoromethane (Surr)	100		60 - 140

Lab Sample ID: MB 480-305250/7

Matrix: Water

Analysis Batch: 305250

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			06/06/16 14:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/06/16 14:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/06/16 14:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/06/16 14:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/06/16 14:37	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: MB 480-305250/7

Matrix: Water

Analysis Batch: 305250

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			06/06/16 14:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/06/16 14:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/06/16 14:37	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/06/16 14:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/06/16 14:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/06/16 14:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/06/16 14:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/06/16 14:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/06/16 14:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/06/16 14:37	1
2-Hexanone	ND		5.0	1.2	ug/L			06/06/16 14:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/06/16 14:37	1
Acetone	ND		10	3.0	ug/L			06/06/16 14:37	1
Benzene	ND		1.0	0.41	ug/L			06/06/16 14:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/06/16 14:37	1
Bromoform	ND		1.0	0.26	ug/L			06/06/16 14:37	1
Bromomethane	ND		1.0	0.69	ug/L			06/06/16 14:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/06/16 14:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/06/16 14:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/06/16 14:37	1
Chloroethane	ND		1.0	0.32	ug/L			06/06/16 14:37	1
Chloroform	ND		1.0	0.34	ug/L			06/06/16 14:37	1
Chloromethane	ND		1.0	0.35	ug/L			06/06/16 14:37	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/06/16 14:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/06/16 14:37	1
Cyclohexane	ND		1.0	0.18	ug/L			06/06/16 14:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/06/16 14:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/06/16 14:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/06/16 14:37	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/06/16 14:37	1
Methyl acetate	ND		2.5	1.3	ug/L			06/06/16 14:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/06/16 14:37	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/06/16 14:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/06/16 14:37	1
Styrene	ND		1.0	0.73	ug/L			06/06/16 14:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/06/16 14:37	1
Toluene	ND		1.0	0.51	ug/L			06/06/16 14:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/06/16 14:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/06/16 14:37	1
Trichloroethene	ND		1.0	0.46	ug/L			06/06/16 14:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/06/16 14:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/06/16 14:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/06/16 14:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		06/06/16 14:37	1
4-Bromofluorobenzene (Surr)	99		73 - 120		06/06/16 14:37	1
Toluene-d8 (Surr)	97		71 - 126		06/06/16 14:37	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: MB 480-305250/7

Matrix: Water

Analysis Batch: 305250

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	100		60 - 140		06/06/16 14:37	1

Lab Sample ID: LCS 480-305250/5

Matrix: Water

Analysis Batch: 305250

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	24.9		ug/L		100	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.6		ug/L		98	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	24.8		ug/L		99	76 - 122
1,1-Dichloroethane	25.0	24.2		ug/L		97	71 - 129
1,1-Dichloroethene	25.0	24.2		ug/L		97	58 - 121
1,2,4-Trichlorobenzene	25.0	23.2		ug/L		93	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.7		ug/L		91	56 - 134
1,2-Dibromoethane	25.0	24.8		ug/L		99	77 - 120
1,2-Dichlorobenzene	25.0	23.8		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	25.0		ug/L		100	75 - 127
1,2-Dichloropropane	25.0	24.7		ug/L		99	76 - 120
1,3-Dichlorobenzene	25.0	23.4		ug/L		94	77 - 120
1,4-Dichlorobenzene	25.0	23.4		ug/L		93	75 - 120
2-Butanone (MEK)	125	113		ug/L		91	57 - 140
2-Hexanone	125	116		ug/L		93	65 - 127
4-Methyl-2-pentanone (MIBK)	125	115		ug/L		92	71 - 125
Acetone	125	110		ug/L		88	56 - 142
Benzene	25.0	24.2		ug/L		97	71 - 124
Bromodichloromethane	25.0	25.3		ug/L		101	80 - 122
Bromoform	25.0	25.0		ug/L		100	52 - 132
Bromomethane	25.0	33.9		ug/L		135	55 - 144
Carbon disulfide	25.0	26.0		ug/L		104	59 - 134
Carbon tetrachloride	25.0	25.6		ug/L		103	72 - 134
Chlorobenzene	25.0	23.6		ug/L		94	72 - 120
Chloroethane	25.0	27.2		ug/L		109	69 - 136
Chloroform	25.0	25.0		ug/L		100	73 - 127
Chloromethane	25.0	21.1		ug/L		84	68 - 124
cis-1,2-Dichloroethene	25.0	25.3		ug/L		101	74 - 124
cis-1,3-Dichloropropene	25.0	25.6		ug/L		102	74 - 124
Cyclohexane	25.0	23.0		ug/L		92	59 - 135
Dibromochloromethane	25.0	25.2		ug/L		101	75 - 125
Dichlorodifluoromethane	25.0	23.3		ug/L		93	59 - 135
Ethylbenzene	25.0	23.6		ug/L		94	77 - 123
Isopropylbenzene	25.0	23.7		ug/L		95	77 - 122
Methyl acetate	125	113		ug/L		91	74 - 133
Methyl tert-butyl ether	25.0	25.6		ug/L		102	64 - 127
Methylcyclohexane	25.0	23.6		ug/L		94	61 - 138
Methylene Chloride	25.0	26.5		ug/L		106	57 - 132
Styrene	25.0	24.5		ug/L		98	70 - 130

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: LCS 480-305250/5

Matrix: Water

Analysis Batch: 305250

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	23.1		ug/L		92	74 - 122
Toluene	25.0	23.2		ug/L		93	80 - 122
trans-1,2-Dichloroethene	25.0	25.3		ug/L		101	73 - 127
trans-1,3-Dichloropropene	25.0	25.2		ug/L		101	72 - 123
Trichloroethene	25.0	23.5		ug/L		94	74 - 123
Trichlorofluoromethane	25.0	24.8		ug/L		99	62 - 152
Vinyl chloride	25.0	22.2		ug/L		89	65 - 133
Xylenes, Total	50.0	48.4		ug/L		97	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		66 - 137
4-Bromofluorobenzene (Surr)	103		73 - 120
Toluene-d8 (Surr)	100		71 - 126
Dibromofluoromethane (Surr)	102		60 - 140

Lab Sample ID: 480-100964-4 MS

Matrix: Ground Water

Analysis Batch: 305250

Client Sample ID: BCC Area E RFI-29 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		25.0	28.2		ug/L		113	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	27.1		ug/L		109	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	26.5		ug/L		106	52 - 148
1,1,2-Trichloroethane	ND		25.0	27.3		ug/L		109	76 - 122
1,1-Dichloroethane	ND		25.0	27.7		ug/L		111	71 - 129
1,1-Dichloroethene	ND		25.0	27.3		ug/L		109	58 - 121
1,2,4-Trichlorobenzene	ND		25.0	24.6		ug/L		98	70 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	26.1		ug/L		104	56 - 134
1,2-Dibromoethane	ND		25.0	27.1		ug/L		108	77 - 120
1,2-Dichlorobenzene	1.7		25.0	27.5		ug/L		103	80 - 124
1,2-Dichloroethane	ND		25.0	28.5		ug/L		114	75 - 127
1,2-Dichloropropane	ND		25.0	27.5		ug/L		110	76 - 120
1,3-Dichlorobenzene	ND		25.0	26.0		ug/L		104	77 - 120
1,4-Dichlorobenzene	3.2		25.0	28.2		ug/L		100	75 - 120
2-Butanone (MEK)	ND		125	135		ug/L		108	57 - 140
2-Hexanone	ND		125	132		ug/L		105	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	134		ug/L		107	71 - 125
Acetone	ND		125	149		ug/L		119	56 - 142
Benzene	ND		25.0	27.2		ug/L		109	71 - 124
Bromodichloromethane	ND		25.0	29.0		ug/L		116	80 - 122
Bromoform	ND		25.0	26.6		ug/L		106	52 - 132
Bromomethane	ND	F1 F2	25.0	38.7	F1	ug/L		155	55 - 144
Carbon disulfide	ND		25.0	28.3		ug/L		113	59 - 134
Carbon tetrachloride	ND		25.0	29.0		ug/L		116	72 - 134
Chlorobenzene	9.0		25.0	34.4		ug/L		102	72 - 120
Chloroethane	ND	F1	25.0	36.5	F1	ug/L		146	69 - 136
Chloroform	ND		25.0	28.4		ug/L		114	73 - 127

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: 480-100964-4 MS

Matrix: Ground Water

Analysis Batch: 305250

Client Sample ID: BCC Area E RFI-29 MS_0616

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	ND		25.0	24.1		ug/L		96	68 - 124
cis-1,2-Dichloroethene	ND		25.0	28.3		ug/L		113	74 - 124
cis-1,3-Dichloropropene	ND		25.0	26.6		ug/L		106	74 - 124
Cyclohexane	ND		25.0	24.5		ug/L		98	59 - 135
Dibromochloromethane	ND		25.0	28.1		ug/L		112	75 - 125
Dichlorodifluoromethane	ND		25.0	25.7		ug/L		103	59 - 135
Ethylbenzene	ND		25.0	26.1		ug/L		105	77 - 123
Isopropylbenzene	ND		25.0	26.1		ug/L		104	77 - 122
Methyl acetate	ND		125	133		ug/L		106	74 - 133
Methyl tert-butyl ether	ND		25.0	27.6		ug/L		110	64 - 127
Methylcyclohexane	ND		25.0	24.0		ug/L		96	61 - 138
Methylene Chloride	ND		25.0	30.2		ug/L		121	57 - 132
Styrene	ND		25.0	26.6		ug/L		106	70 - 130
Tetrachloroethene	ND		25.0	24.9		ug/L		100	74 - 122
Toluene	ND		25.0	26.2		ug/L		105	80 - 122
trans-1,2-Dichloroethene	ND		25.0	28.6		ug/L		114	73 - 127
trans-1,3-Dichloropropene	ND		25.0	27.1		ug/L		108	72 - 123
Trichloroethene	ND		25.0	26.0		ug/L		104	74 - 123
Trichlorofluoromethane	ND		25.0	28.0		ug/L		112	62 - 152
Vinyl chloride	ND		25.0	24.5		ug/L		98	65 - 133
Xylenes, Total	ND		50.0	53.1		ug/L		106	76 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		66 - 137
4-Bromofluorobenzene (Surr)	102		73 - 120
Toluene-d8 (Surr)	100		71 - 126
Dibromofluoromethane (Surr)	105		60 - 140

Lab Sample ID: 480-100964-4 MSD

Matrix: Ground Water

Analysis Batch: 305250

Client Sample ID: BCC Area E RFI-29 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		25.0	27.5		ug/L		110	73 - 126	2	15
1,1,1,2-Tetrachloroethane	ND		25.0	26.6		ug/L		106	70 - 126	2	15
1,1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	25.6		ug/L		102	52 - 148	3	20
1,1,2-Trichloroethane	ND		25.0	26.6		ug/L		107	76 - 122	3	15
1,1-Dichloroethane	ND		25.0	27.1		ug/L		109	71 - 129	2	20
1,1-Dichloroethene	ND		25.0	27.0		ug/L		108	58 - 121	1	16
1,2,4-Trichlorobenzene	ND		25.0	23.8		ug/L		95	70 - 122	3	20
1,2-Dibromo-3-Chloropropane	ND		25.0	25.3		ug/L		101	56 - 134	3	15
1,2-Dibromoethane	ND		25.0	26.4		ug/L		106	77 - 120	2	15
1,2-Dichlorobenzene	1.7		25.0	26.9		ug/L		101	80 - 124	2	20
1,2-Dichloroethane	ND		25.0	27.4		ug/L		110	75 - 127	4	20
1,2-Dichloropropane	ND		25.0	26.9		ug/L		107	76 - 120	3	20
1,3-Dichlorobenzene	ND		25.0	25.5		ug/L		102	77 - 120	2	20
1,4-Dichlorobenzene	3.2		25.0	27.8		ug/L		98	75 - 120	1	20

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: 480-100964-4 MSD

Matrix: Ground Water

Analysis Batch: 305250

Client Sample ID: BCC Area E RFI-29 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
2-Butanone (MEK)	ND		125	130		ug/L		104	57 - 140	4	20
2-Hexanone	ND		125	126		ug/L		101	65 - 127	4	15
4-Methyl-2-pentanone (MIBK)	ND		125	128		ug/L		103	71 - 125	4	35
Acetone	ND		125	139		ug/L		111	56 - 142	7	15
Benzene	ND		25.0	26.5		ug/L		106	71 - 124	2	13
Bromodichloromethane	ND		25.0	28.2		ug/L		113	80 - 122	3	15
Bromoform	ND		25.0	25.8		ug/L		103	52 - 132	3	15
Bromomethane	ND	F1 F2	25.0	33.1	F2	ug/L		132	55 - 144	16	15
Carbon disulfide	ND		25.0	28.8		ug/L		115	59 - 134	2	15
Carbon tetrachloride	ND		25.0	28.0		ug/L		112	72 - 134	3	15
Chlorobenzene	9.0		25.0	33.2		ug/L		97	72 - 120	4	25
Chloroethane	ND	F1	25.0	33.9		ug/L		135	69 - 136	7	15
Chloroform	ND		25.0	27.8		ug/L		111	73 - 127	2	20
Chloromethane	ND		25.0	23.1		ug/L		92	68 - 124	4	15
cis-1,2-Dichloroethene	ND		25.0	27.7		ug/L		111	74 - 124	2	15
cis-1,3-Dichloropropene	ND		25.0	26.2		ug/L		105	74 - 124	2	15
Cyclohexane	ND		25.0	23.9		ug/L		96	59 - 135	3	20
Dibromochloromethane	ND		25.0	27.0		ug/L		108	75 - 125	4	15
Dichlorodifluoromethane	ND		25.0	24.2		ug/L		97	59 - 135	6	20
Ethylbenzene	ND		25.0	25.1		ug/L		100	77 - 123	4	15
Isopropylbenzene	ND		25.0	25.3		ug/L		101	77 - 122	3	20
Methyl acetate	ND		125	128		ug/L		102	74 - 133	4	20
Methyl tert-butyl ether	ND		25.0	27.6		ug/L		111	64 - 127	0	37
Methylcyclohexane	ND		25.0	23.8		ug/L		95	61 - 138	1	20
Methylene Chloride	ND		25.0	29.9		ug/L		120	57 - 132	1	15
Styrene	ND		25.0	25.7		ug/L		103	70 - 130	4	20
Tetrachloroethene	ND		25.0	24.0		ug/L		96	74 - 122	4	20
Toluene	ND		25.0	25.2		ug/L		101	80 - 122	4	15
trans-1,2-Dichloroethene	ND		25.0	27.8		ug/L		111	73 - 127	3	20
trans-1,3-Dichloropropene	ND		25.0	25.9		ug/L		104	72 - 123	4	15
Trichloroethene	ND		25.0	25.6		ug/L		102	74 - 123	2	16
Trichlorofluoromethane	ND		25.0	26.8		ug/L		107	62 - 152	4	20
Vinyl chloride	ND		25.0	24.2		ug/L		97	65 - 133	1	15
Xylenes, Total	ND		50.0	51.3		ug/L		103	76 - 122	3	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		66 - 137
4-Bromofluorobenzene (Surr)	100		73 - 120
Toluene-d8 (Surr)	99		71 - 126
Dibromofluoromethane (Surr)	105		60 - 140

Lab Sample ID: MB 480-305367/7

Matrix: Water

Analysis Batch: 305367

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			06/07/16 11:25	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/07/16 11:25	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: MB 480-305367/7

Matrix: Water

Analysis Batch: 305367

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-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/07/16 11:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/07/16 11:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/07/16 11:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/07/16 11:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/07/16 11:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/07/16 11:25	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/07/16 11:25	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/07/16 11:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/07/16 11:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/07/16 11:25	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/07/16 11:25	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/07/16 11:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/07/16 11:25	1
2-Hexanone	ND		5.0	1.2	ug/L			06/07/16 11:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/07/16 11:25	1
Acetone	ND		10	3.0	ug/L			06/07/16 11:25	1
Benzene	ND		1.0	0.41	ug/L			06/07/16 11:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/07/16 11:25	1
Bromoform	ND		1.0	0.26	ug/L			06/07/16 11:25	1
Bromomethane	ND		1.0	0.69	ug/L			06/07/16 11:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/07/16 11:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/07/16 11:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/07/16 11:25	1
Chloroethane	ND		1.0	0.32	ug/L			06/07/16 11:25	1
Chloroform	ND		1.0	0.34	ug/L			06/07/16 11:25	1
Chloromethane	ND		1.0	0.35	ug/L			06/07/16 11:25	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/07/16 11:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/07/16 11:25	1
Cyclohexane	ND		1.0	0.18	ug/L			06/07/16 11:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/07/16 11:25	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/07/16 11:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/07/16 11:25	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/07/16 11:25	1
Methyl acetate	ND		2.5	1.3	ug/L			06/07/16 11:25	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/07/16 11:25	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/07/16 11:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/07/16 11:25	1
Styrene	ND		1.0	0.73	ug/L			06/07/16 11:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/07/16 11:25	1
Toluene	ND		1.0	0.51	ug/L			06/07/16 11:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/07/16 11:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/07/16 11:25	1
Trichloroethene	ND		1.0	0.46	ug/L			06/07/16 11:25	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/07/16 11:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/07/16 11:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/07/16 11:25	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: MB 480-305367/7

Matrix: Water

Analysis Batch: 305367

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		06/07/16 11:25	1
4-Bromofluorobenzene (Surr)	103		73 - 120		06/07/16 11:25	1
Toluene-d8 (Surr)	98		71 - 126		06/07/16 11:25	1
Dibromofluoromethane (Surr)	105		60 - 140		06/07/16 11:25	1

Lab Sample ID: LCS 480-305367/5

Matrix: Water

Analysis Batch: 305367

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
1,1,1,2-Tetrachloroethane	25.0	24.2		ug/L		97	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.0		ug/L		112	52 - 148
1,1,2-Trichloroethane	25.0	24.4		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	24.7		ug/L		99	71 - 129
1,1-Dichloroethene	25.0	24.9		ug/L		99	58 - 121
1,2,4-Trichlorobenzene	25.0	23.9		ug/L		96	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.1		ug/L		89	56 - 134
1,2-Dibromoethane	25.0	24.5		ug/L		98	77 - 120
1,2-Dichlorobenzene	25.0	23.8		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	23.9		ug/L		96	75 - 127
1,2-Dichloropropane	25.0	25.4		ug/L		102	76 - 120
1,3-Dichlorobenzene	25.0	23.6		ug/L		94	77 - 120
1,4-Dichlorobenzene	25.0	23.8		ug/L		95	75 - 120
2-Butanone (MEK)	125	124		ug/L		99	57 - 140
2-Hexanone	125	128		ug/L		103	65 - 127
4-Methyl-2-pentanone (MIBK)	125	126		ug/L		101	71 - 125
Acetone	125	105		ug/L		84	56 - 142
Benzene	25.0	24.8		ug/L		99	71 - 124
Bromodichloromethane	25.0	25.2		ug/L		101	80 - 122
Bromoform	25.0	24.9		ug/L		100	52 - 132
Bromomethane	25.0	22.1		ug/L		88	55 - 144
Carbon disulfide	25.0	24.6		ug/L		98	59 - 134
Carbon tetrachloride	25.0	28.3		ug/L		113	72 - 134
Chlorobenzene	25.0	24.2		ug/L		97	72 - 120
Chloroethane	25.0	26.0		ug/L		104	69 - 136
Chloroform	25.0	23.5		ug/L		94	73 - 127
Chloromethane	25.0	21.3		ug/L		85	68 - 124
cis-1,2-Dichloroethene	25.0	23.6		ug/L		95	74 - 124
cis-1,3-Dichloropropene	25.0	25.3		ug/L		101	74 - 124
Cyclohexane	25.0	28.9		ug/L		115	59 - 135
Dibromochloromethane	25.0	25.9		ug/L		104	75 - 125
Dichlorodifluoromethane	25.0	20.0		ug/L		80	59 - 135
Ethylbenzene	25.0	22.8		ug/L		91	77 - 123
Isopropylbenzene	25.0	24.7		ug/L		99	77 - 122
Methyl acetate	125	133		ug/L		106	74 - 133
Methyl tert-butyl ether	25.0	24.5		ug/L		98	64 - 127

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: LCS 480-305367/5

Matrix: Water

Analysis Batch: 305367

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylcyclohexane	25.0	27.4		ug/L		110	61 - 138
Methylene Chloride	25.0	24.9		ug/L		100	57 - 132
Styrene	25.0	24.1		ug/L		97	70 - 130
Tetrachloroethene	25.0	25.4		ug/L		102	74 - 122
Toluene	25.0	23.7		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	25.2		ug/L		101	73 - 127
trans-1,3-Dichloropropene	25.0	24.6		ug/L		99	72 - 123
Trichloroethene	25.0	26.2		ug/L		105	74 - 123
Trichlorofluoromethane	25.0	26.7		ug/L		107	62 - 152
Vinyl chloride	25.0	23.8		ug/L		95	65 - 133
Xylenes, Total	50.0	46.2		ug/L		92	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		66 - 137
4-Bromofluorobenzene (Surr)	101		73 - 120
Toluene-d8 (Surr)	99		71 - 126
Dibromofluoromethane (Surr)	99		60 - 140

Lab Sample ID: MB 480-305567/7

Matrix: Water

Analysis Batch: 305567

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			06/08/16 11:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/08/16 11:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/08/16 11:41	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/08/16 11:41	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/08/16 11:41	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/08/16 11:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/08/16 11:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/08/16 11:41	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/08/16 11:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/08/16 11:41	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/08/16 11:41	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/08/16 11:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/08/16 11:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/08/16 11:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/08/16 11:41	1
2-Hexanone	ND		5.0	1.2	ug/L			06/08/16 11:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/08/16 11:41	1
Acetone	ND		10	3.0	ug/L			06/08/16 11:41	1
Benzene	ND		1.0	0.41	ug/L			06/08/16 11:41	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/08/16 11:41	1
Bromoform	ND		1.0	0.26	ug/L			06/08/16 11:41	1
Bromomethane	ND		1.0	0.69	ug/L			06/08/16 11:41	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/08/16 11:41	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/08/16 11:41	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/08/16 11:41	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: MB 480-305567/7

Matrix: Water

Analysis Batch: 305567

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			06/08/16 11:41	1
Chloroform	ND		1.0	0.34	ug/L			06/08/16 11:41	1
Chloromethane	ND		1.0	0.35	ug/L			06/08/16 11:41	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/08/16 11:41	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/08/16 11:41	1
Cyclohexane	ND		1.0	0.18	ug/L			06/08/16 11:41	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/08/16 11:41	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/08/16 11:41	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/08/16 11:41	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/08/16 11:41	1
Methyl acetate	ND		2.5	1.3	ug/L			06/08/16 11:41	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/08/16 11:41	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/08/16 11:41	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/08/16 11:41	1
Styrene	ND		1.0	0.73	ug/L			06/08/16 11:41	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/08/16 11:41	1
Toluene	ND		1.0	0.51	ug/L			06/08/16 11:41	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/08/16 11:41	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/08/16 11:41	1
Trichloroethene	ND		1.0	0.46	ug/L			06/08/16 11:41	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/08/16 11:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/08/16 11:41	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/08/16 11:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		66 - 137		06/08/16 11:41	1
4-Bromofluorobenzene (Surr)	96		73 - 120		06/08/16 11:41	1
Toluene-d8 (Surr)	95		71 - 126		06/08/16 11:41	1
Dibromofluoromethane (Surr)	98		60 - 140		06/08/16 11:41	1

Lab Sample ID: LCS 480-305567/5

Matrix: Water

Analysis Batch: 305567

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	27.4		ug/L		110	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.7		ug/L		103	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.7		ug/L		115	52 - 148
1,1,2-Trichloroethane	25.0	26.2		ug/L		105	76 - 122
1,1-Dichloroethane	25.0	25.9		ug/L		104	71 - 129
1,1-Dichloroethene	25.0	27.8		ug/L		111	58 - 121
1,2,4-Trichlorobenzene	25.0	25.6		ug/L		102	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	25.4		ug/L		101	56 - 134
1,2-Dibromoethane	25.0	26.2		ug/L		105	77 - 120
1,2-Dichlorobenzene	25.0	25.2		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	26.2		ug/L		105	75 - 127
1,2-Dichloropropane	25.0	25.2		ug/L		101	76 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: LCS 480-305567/5

Matrix: Water

Analysis Batch: 305567

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	24.9		ug/L		100	77 - 120
1,4-Dichlorobenzene	25.0	24.8		ug/L		99	75 - 120
2-Butanone (MEK)	125	127		ug/L		101	57 - 140
2-Hexanone	125	119		ug/L		95	65 - 127
4-Methyl-2-pentanone (MIBK)	125	118		ug/L		95	71 - 125
Acetone	125	160		ug/L		128	56 - 142
Benzene	25.0	25.8		ug/L		103	71 - 124
Bromodichloromethane	25.0	27.3		ug/L		109	80 - 122
Bromoform	25.0	27.2		ug/L		109	52 - 132
Bromomethane	25.0	20.9		ug/L		83	55 - 144
Carbon disulfide	25.0	27.9		ug/L		112	59 - 134
Carbon tetrachloride	25.0	28.4		ug/L		113	72 - 134
Chlorobenzene	25.0	25.5		ug/L		102	72 - 120
Chloroethane	25.0	20.8		ug/L		83	69 - 136
Chloroform	25.0	26.7		ug/L		107	73 - 127
Chloromethane	25.0	22.7		ug/L		91	68 - 124
cis-1,2-Dichloroethene	25.0	26.9		ug/L		107	74 - 124
cis-1,3-Dichloropropene	25.0	26.6		ug/L		106	74 - 124
Cyclohexane	25.0	24.8		ug/L		99	59 - 135
Dibromochloromethane	25.0	27.4		ug/L		110	75 - 125
Dichlorodifluoromethane	25.0	26.3		ug/L		105	59 - 135
Ethylbenzene	25.0	25.8		ug/L		103	77 - 123
Isopropylbenzene	25.0	25.3		ug/L		101	77 - 122
Methyl acetate	125	120		ug/L		96	74 - 133
Methyl tert-butyl ether	25.0	26.6		ug/L		106	64 - 127
Methylcyclohexane	25.0	25.8		ug/L		103	61 - 138
Methylene Chloride	25.0	28.4		ug/L		114	57 - 132
Styrene	25.0	25.8		ug/L		103	70 - 130
Tetrachloroethene	25.0	25.5		ug/L		102	74 - 122
Toluene	25.0	25.1		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	27.0		ug/L		108	73 - 127
trans-1,3-Dichloropropene	25.0	26.8		ug/L		107	72 - 123
Trichloroethene	25.0	25.8		ug/L		103	74 - 123
Trichlorofluoromethane	25.0	26.3		ug/L		105	62 - 152
Vinyl chloride	25.0	23.6		ug/L		94	65 - 133
Xylenes, Total	50.0	51.8		ug/L		104	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		66 - 137
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	95		71 - 126
Dibromofluoromethane (Surr)	98		60 - 140

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: MB 480-305764/7

Matrix: Water

Analysis Batch: 305764

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			06/09/16 00:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/09/16 00:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/09/16 00:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/09/16 00:08	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/09/16 00:08	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/09/16 00:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/09/16 00:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/09/16 00:08	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/09/16 00:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/09/16 00:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/09/16 00:08	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/09/16 00:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/09/16 00:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/09/16 00:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/09/16 00:08	1
2-Hexanone	ND		5.0	1.2	ug/L			06/09/16 00:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/09/16 00:08	1
Acetone	ND		10	3.0	ug/L			06/09/16 00:08	1
Benzene	ND		1.0	0.41	ug/L			06/09/16 00:08	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/09/16 00:08	1
Bromoform	ND		1.0	0.26	ug/L			06/09/16 00:08	1
Bromomethane	ND		1.0	0.69	ug/L			06/09/16 00:08	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/09/16 00:08	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/09/16 00:08	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/09/16 00:08	1
Chloroethane	ND		1.0	0.32	ug/L			06/09/16 00:08	1
Chloroform	ND		1.0	0.34	ug/L			06/09/16 00:08	1
Chloromethane	ND		1.0	0.35	ug/L			06/09/16 00:08	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/09/16 00:08	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/09/16 00:08	1
Cyclohexane	ND		1.0	0.18	ug/L			06/09/16 00:08	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/09/16 00:08	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/09/16 00:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/09/16 00:08	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/09/16 00:08	1
Methyl acetate	ND		2.5	1.3	ug/L			06/09/16 00:08	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/09/16 00:08	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/09/16 00:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/09/16 00:08	1
Styrene	ND		1.0	0.73	ug/L			06/09/16 00:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/09/16 00:08	1
Toluene	ND		1.0	0.51	ug/L			06/09/16 00:08	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/09/16 00:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/09/16 00:08	1
Trichloroethene	ND		1.0	0.46	ug/L			06/09/16 00:08	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/09/16 00:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/09/16 00:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/09/16 00:08	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

<i>Surrogate</i>	<i>MB</i> <i>%Recovery</i>	<i>MB</i> <i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	103		66 - 137		06/09/16 00:08	1
4-Bromofluorobenzene (Surr)	101		73 - 120		06/09/16 00:08	1
Toluene-d8 (Surr)	100		71 - 126		06/09/16 00:08	1
Dibromofluoromethane (Surr)	105		60 - 140		06/09/16 00:08	1

Lab Sample ID: LCS 480-305764/39

Matrix: Water

Analysis Batch: 305764

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

<i>Analyte</i>	<i>Spike</i> <i>Added</i>	<i>LCS</i> <i>Result</i>	<i>LCS</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>
1,1,1-Trichloroethane	25.0	23.1		ug/L		92	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.1		ug/L		93	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.8		ug/L		91	52 - 148
1,1,2-Trichloroethane	25.0	23.6		ug/L		94	76 - 122
1,1-Dichloroethane	25.0	22.4		ug/L		90	71 - 129
1,1-Dichloroethene	25.0	22.8		ug/L		91	58 - 121
1,2,4-Trichlorobenzene	25.0	23.3		ug/L		93	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.7		ug/L		91	56 - 134
1,2-Dibromoethane	25.0	23.9		ug/L		95	77 - 120
1,2-Dichlorobenzene	25.0	22.7		ug/L		91	80 - 124
1,2-Dichloroethane	25.0	23.9		ug/L		95	75 - 127
1,2-Dichloropropane	25.0	22.8		ug/L		91	76 - 120
1,3-Dichlorobenzene	25.0	22.4		ug/L		89	77 - 120
1,4-Dichlorobenzene	25.0	22.4		ug/L		89	75 - 120
2-Butanone (MEK)	125	107		ug/L		86	57 - 140
2-Hexanone	125	106		ug/L		85	65 - 127
4-Methyl-2-pentanone (MIBK)	125	106		ug/L		85	71 - 125
Acetone	125	118		ug/L		94	56 - 142
Benzene	25.0	22.7		ug/L		91	71 - 124
Bromodichloromethane	25.0	24.6		ug/L		98	80 - 122
Bromoform	25.0	24.9		ug/L		100	52 - 132
Bromomethane	25.0	31.6		ug/L		126	55 - 144
Carbon disulfide	25.0	27.8		ug/L		111	59 - 134
Carbon tetrachloride	25.0	23.8		ug/L		95	72 - 134
Chlorobenzene	25.0	23.0		ug/L		92	72 - 120
Chloroethane	25.0	30.5		ug/L		122	69 - 136
Chloroform	25.0	24.2		ug/L		97	73 - 127
Chloromethane	25.0	18.5		ug/L		74	68 - 124
cis-1,2-Dichloroethene	25.0	24.1		ug/L		96	74 - 124
cis-1,3-Dichloropropene	25.0	24.2		ug/L		97	74 - 124
Cyclohexane	25.0	19.7		ug/L		79	59 - 135
Dibromochloromethane	25.0	25.1		ug/L		101	75 - 125
Dichlorodifluoromethane	25.0	23.1		ug/L		92	59 - 135
Ethylbenzene	25.0	22.3		ug/L		89	77 - 123
Isopropylbenzene	25.0	21.6		ug/L		87	77 - 122
Methyl acetate	125	107		ug/L		85	74 - 133
Methyl tert-butyl ether	25.0	23.5		ug/L		94	64 - 127
Methylcyclohexane	25.0	20.7		ug/L		83	61 - 138
Methylene Chloride	25.0	25.1		ug/L		101	57 - 132
Styrene	25.0	23.4		ug/L		94	70 - 130
Tetrachloroethene	25.0	22.1		ug/L		89	74 - 122
Toluene	25.0	22.4		ug/L		90	80 - 122
trans-1,2-Dichloroethene	25.0	23.5		ug/L		94	73 - 127

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: LCS 480-305764/39

Matrix: Water

Analysis Batch: 305764

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	24.6		ug/L		98	72 - 123
Trichloroethene	25.0	22.2		ug/L		89	74 - 123
Trichlorofluoromethane	25.0	22.3		ug/L		89	62 - 152
Vinyl chloride	25.0	18.5		ug/L		74	65 - 133
Xylenes, Total	50.0	46.1		ug/L		92	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		66 - 137
4-Bromofluorobenzene (Surr)	105		73 - 120
Toluene-d8 (Surr)	102		71 - 126
Dibromofluoromethane (Surr)	107		60 - 140

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

Lab Sample ID: MB 480-304690/1-A

Matrix: Water

Analysis Batch: 305211

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 304690

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/02/16 08:05	06/06/16 11:39	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/02/16 08:05	06/06/16 11:39	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/02/16 08:05	06/06/16 11:39	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/02/16 08:05	06/06/16 11:39	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/02/16 08:05	06/06/16 11:39	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/02/16 08:05	06/06/16 11:39	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/02/16 08:05	06/06/16 11:39	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/02/16 08:05	06/06/16 11:39	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/02/16 08:05	06/06/16 11:39	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/02/16 08:05	06/06/16 11:39	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/02/16 08:05	06/06/16 11:39	1
2-Nitroaniline	ND		10	0.42	ug/L		06/02/16 08:05	06/06/16 11:39	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/02/16 08:05	06/06/16 11:39	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/02/16 08:05	06/06/16 11:39	1
3-Nitroaniline	ND		10	0.48	ug/L		06/02/16 08:05	06/06/16 11:39	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/02/16 08:05	06/06/16 11:39	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/02/16 08:05	06/06/16 11:39	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/02/16 08:05	06/06/16 11:39	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/02/16 08:05	06/06/16 11:39	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/02/16 08:05	06/06/16 11:39	1
4-Methylphenol	ND		10	0.36	ug/L		06/02/16 08:05	06/06/16 11:39	1
4-Nitroaniline	ND		10	0.25	ug/L		06/02/16 08:05	06/06/16 11:39	1
4-Nitrophenol	ND		10	1.5	ug/L		06/02/16 08:05	06/06/16 11:39	1
Acenaphthene	ND		5.0	0.41	ug/L		06/02/16 08:05	06/06/16 11:39	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/02/16 08:05	06/06/16 11:39	1
Acetophenone	ND		5.0	0.54	ug/L		06/02/16 08:05	06/06/16 11:39	1
Aniline	ND		10	0.61	ug/L		06/02/16 08:05	06/06/16 11:39	1
Anthracene	ND		5.0	0.28	ug/L		06/02/16 08:05	06/06/16 11:39	1
Atrazine	ND		5.0	0.46	ug/L		06/02/16 08:05	06/06/16 11:39	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: MB 480-304690/1-A

Matrix: Water

Analysis Batch: 305211

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 304690

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		5.0	0.27	ug/L		06/02/16 08:05	06/06/16 11:39	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/02/16 08:05	06/06/16 11:39	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/02/16 08:05	06/06/16 11:39	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/02/16 08:05	06/06/16 11:39	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/02/16 08:05	06/06/16 11:39	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/02/16 08:05	06/06/16 11:39	1
Biphenyl	ND		5.0	0.65	ug/L		06/02/16 08:05	06/06/16 11:39	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/02/16 08:05	06/06/16 11:39	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/02/16 08:05	06/06/16 11:39	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/02/16 08:05	06/06/16 11:39	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/02/16 08:05	06/06/16 11:39	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/02/16 08:05	06/06/16 11:39	1
Caprolactam	ND		5.0	2.2	ug/L		06/02/16 08:05	06/06/16 11:39	1
Carbazole	ND		5.0	0.30	ug/L		06/02/16 08:05	06/06/16 11:39	1
Chrysene	ND		5.0	0.33	ug/L		06/02/16 08:05	06/06/16 11:39	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/02/16 08:05	06/06/16 11:39	1
Dibenzofuran	ND		10	0.51	ug/L		06/02/16 08:05	06/06/16 11:39	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/02/16 08:05	06/06/16 11:39	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/02/16 08:05	06/06/16 11:39	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/02/16 08:05	06/06/16 11:39	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/02/16 08:05	06/06/16 11:39	1
Fluoranthene	ND		5.0	0.40	ug/L		06/02/16 08:05	06/06/16 11:39	1
Fluorene	ND		5.0	0.36	ug/L		06/02/16 08:05	06/06/16 11:39	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/02/16 08:05	06/06/16 11:39	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/02/16 08:05	06/06/16 11:39	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/02/16 08:05	06/06/16 11:39	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/02/16 08:05	06/06/16 11:39	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/02/16 08:05	06/06/16 11:39	1
Isophorone	ND		5.0	0.43	ug/L		06/02/16 08:05	06/06/16 11:39	1
Naphthalene	ND		5.0	0.76	ug/L		06/02/16 08:05	06/06/16 11:39	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/02/16 08:05	06/06/16 11:39	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/02/16 08:05	06/06/16 11:39	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/02/16 08:05	06/06/16 11:39	1
Pentachlorophenol	ND		10	2.2	ug/L		06/02/16 08:05	06/06/16 11:39	1
Phenanthrene	ND		5.0	0.44	ug/L		06/02/16 08:05	06/06/16 11:39	1
Phenol	ND		5.0	0.39	ug/L		06/02/16 08:05	06/06/16 11:39	1
Pyrene	ND		5.0	0.34	ug/L		06/02/16 08:05	06/06/16 11:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	106		52 - 132	06/02/16 08:05	06/06/16 11:39	1
2-Fluorobiphenyl	83		48 - 120	06/02/16 08:05	06/06/16 11:39	1
2-Fluorophenol	50		20 - 120	06/02/16 08:05	06/06/16 11:39	1
Nitrobenzene-d5	78		46 - 120	06/02/16 08:05	06/06/16 11:39	1
Phenol-d5	35		16 - 120	06/02/16 08:05	06/06/16 11:39	1
p-Terphenyl-d14	90		67 - 150	06/02/16 08:05	06/06/16 11:39	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: LCS 480-304690/2-A

Matrix: Water

Analysis Batch: 305211

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 304690

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	16.0	16.9		ug/L		105	65 - 126
2,4,6-Trichlorophenol	16.0	16.6		ug/L		104	64 - 120
2,4-Dichlorophenol	16.0	16.6		ug/L		104	64 - 120
2,4-Dimethylphenol	16.0	15.2		ug/L		95	57 - 120
2,4-Dinitrophenol	32.0	21.0		ug/L		66	42 - 153
2,4-Dinitrotoluene	16.0	17.4		ug/L		108	65 - 154
2,6-Dinitrotoluene	16.0	16.8		ug/L		105	74 - 134
2-Chloronaphthalene	16.0	14.4		ug/L		90	41 - 124
2-Chlorophenol	16.0	14.0		ug/L		87	48 - 120
2-Methylnaphthalene	16.0	15.5		ug/L		97	34 - 122
2-Methylphenol	16.0	13.7		ug/L		86	39 - 120
2-Nitroaniline	16.0	14.7		ug/L		92	67 - 136
2-Nitrophenol	16.0	15.9		ug/L		99	59 - 120
3,3'-Dichlorobenzidine	32.0	38.6		ug/L		121	33 - 140
3-Nitroaniline	16.0	14.9		ug/L		93	28 - 130
4,6-Dinitro-2-methylphenol	32.0	27.3		ug/L		85	64 - 159
4-Bromophenyl phenyl ether	16.0	16.9		ug/L		105	71 - 126
4-Chloro-3-methylphenol	16.0	16.3		ug/L		102	64 - 120
4-Chloroaniline	16.0	13.0		ug/L		81	10 - 130
4-Chlorophenyl phenyl ether	16.0	16.9		ug/L		105	71 - 122
4-Methylphenol	16.0	12.8		ug/L		80	39 - 120
4-Nitroaniline	16.0	16.4		ug/L		102	47 - 130
4-Nitrophenol	32.0	29.4		ug/L		92	16 - 120
Acenaphthene	16.0	15.0		ug/L		94	60 - 120
Acenaphthylene	16.0	14.6		ug/L		91	63 - 120
Acetophenone	16.0	15.1		ug/L		95	45 - 120
Aniline	16.0	8.65	J	ug/L		54	37 - 120
Anthracene	16.0	15.2		ug/L		95	58 - 148
Atrazine	32.0	38.9		ug/L		122	56 - 179
Benzaldehyde	32.0	50.0	E *	ug/L		156	30 - 140
Benzo(a)anthracene	16.0	15.1		ug/L		95	55 - 151
Benzo(a)pyrene	16.0	15.8		ug/L		99	60 - 145
Benzo(b)fluoranthene	16.0	16.3		ug/L		102	54 - 140
Benzo(g,h,i)perylene	16.0	16.8		ug/L		105	66 - 152
Benzo(k)fluoranthene	16.0	16.0		ug/L		100	51 - 153
Biphenyl	16.0	14.4		ug/L		90	30 - 140
bis (2-chloroisopropyl) ether	16.0	10.6		ug/L		66	28 - 136
Bis(2-chloroethoxy)methane	16.0	13.8		ug/L		86	50 - 128
Bis(2-chloroethyl)ether	16.0	12.8		ug/L		80	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	15.4		ug/L		96	53 - 158
Butyl benzyl phthalate	16.0	15.2		ug/L		95	58 - 163
Caprolactam	32.0	11.3		ug/L		35	14 - 130
Carbazole	16.0	15.8		ug/L		99	59 - 148
Chrysene	16.0	15.6		ug/L		98	69 - 140
Dibenz(a,h)anthracene	16.0	16.2		ug/L		101	57 - 148
Dibenzofuran	16.0	15.3		ug/L		96	49 - 137
Diethyl phthalate	16.0	16.9		ug/L		106	59 - 146
Dimethyl phthalate	16.0	17.8		ug/L		111	59 - 141

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: LCS 480-304690/2-A

Matrix: Water

Analysis Batch: 305211

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 304690

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-butyl phthalate	16.0	17.0		ug/L		106	58 - 149
Di-n-octyl phthalate	16.0	15.0		ug/L		94	55 - 167
Fluoranthene	16.0	17.0		ug/L		106	55 - 147
Fluorene	16.0	15.3		ug/L		96	55 - 143
Hexachlorobenzene	16.0	16.6		ug/L		104	14 - 130
Hexachlorobutadiene	16.0	17.2		ug/L		107	14 - 130
Hexachlorocyclopentadiene	16.0	12.3		ug/L		77	13 - 130
Hexachloroethane	16.0	13.6		ug/L		85	14 - 130
Indeno(1,2,3-cd)pyrene	16.0	16.6		ug/L		104	69 - 146
Isophorone	16.0	13.3		ug/L		83	48 - 133
Naphthalene	16.0	14.5		ug/L		91	35 - 130
Nitrobenzene	16.0	13.8		ug/L		86	45 - 123
N-Nitrosodi-n-propylamine	16.0	13.3		ug/L		83	56 - 120
N-Nitrosodiphenylamine	16.0	14.4		ug/L		90	25 - 125
Pentachlorophenol	32.0	34.0		ug/L		106	39 - 136
Phenanthrene	16.0	15.6		ug/L		97	57 - 147
Phenol	16.0	8.36		ug/L		52	17 - 120
Pyrene	16.0	15.0		ug/L		94	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	117		52 - 132
2-Fluorobiphenyl	89		48 - 120
2-Fluorophenol	82		20 - 120
Nitrobenzene-d5	84		46 - 120
Phenol-d5	47		16 - 120
p-Terphenyl-d14	98		67 - 150

Lab Sample ID: 480-100964-4 MS

Matrix: Ground Water

Analysis Batch: 305211

Client Sample ID: BCC Area E RFI-29 MS_0616

Prep Type: Total/NA

Prep Batch: 304690

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		15.0	15.5		ug/L		104	65 - 126
2,4,6-Trichlorophenol	ND		15.0	14.9		ug/L		99	64 - 120
2,4-Dichlorophenol	ND		15.0	14.4		ug/L		96	64 - 120
2,4-Dimethylphenol	ND		15.0	13.4		ug/L		89	57 - 120
2,4-Dinitrophenol	ND		30.0	28.5		ug/L		95	42 - 153
2,4-Dinitrotoluene	ND		15.0	15.5		ug/L		104	62 - 148
2,6-Dinitrotoluene	ND		15.0	15.4		ug/L		103	65 - 154
2-Chloronaphthalene	ND		15.0	12.2		ug/L		81	41 - 124
2-Chlorophenol	ND		15.0	11.0		ug/L		73	48 - 120
2-Methylnaphthalene	ND		15.0	12.4		ug/L		83	34 - 122
2-Methylphenol	ND		15.0	10.9		ug/L		73	39 - 120
2-Nitroaniline	ND		15.0	11.4		ug/L		76	67 - 136
2-Nitrophenol	ND		15.0	13.1		ug/L		87	59 - 120
3,3'-Dichlorobenzidine	ND		30.0	27.4		ug/L		91	33 - 140
3-Nitroaniline	ND		15.0	12.6		ug/L		84	69 - 129
4,6-Dinitro-2-methylphenol	ND		30.0	31.0		ug/L		103	64 - 159

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: 480-100964-4 MS

Matrix: Ground Water

Analysis Batch: 305211

Client Sample ID: BCC Area E RFI-29 MS_0616

Prep Type: Total/NA

Prep Batch: 304690

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Bromophenyl phenyl ether	ND		15.0	15.0		ug/L		100	71 - 126
4-Chloro-3-methylphenol	ND		15.0	14.8		ug/L		99	64 - 120
4-Chloroaniline	ND		15.0	11.0		ug/L		74	60 - 124
4-Chlorophenyl phenyl ether	ND		15.0	14.7		ug/L		98	48 - 145
4-Methylphenol	ND		15.0	11.0		ug/L		73	36 - 120
4-Nitroaniline	ND		15.0	11.4		ug/L		76	64 - 135
4-Nitrophenol	ND		30.0	27.0		ug/L		90	16 - 120
Acenaphthene	ND		15.0	13.0		ug/L		87	60 - 120
Acenaphthylene	ND		15.0	12.5		ug/L		83	63 - 120
Acetophenone	ND		15.0	11.7		ug/L		78	45 - 120
Aniline	ND		15.0	7.62	J	ug/L		51	37 - 120
Anthracene	ND		15.0	14.0		ug/L		93	58 - 148
Atrazine	ND		30.0	35.6		ug/L		119	56 - 179
Benzaldehyde	ND	*	30.0	36.2		ug/L		121	30 - 140
Benzo(a)anthracene	ND		15.0	11.9		ug/L		79	55 - 151
Benzo(a)pyrene	ND		15.0	10.1		ug/L		68	60 - 145
Benzo(b)fluoranthene	ND		15.0	10.6		ug/L		71	54 - 140
Benzo(g,h,i)perylene	ND	F1	15.0	9.60	F1	ug/L		64	66 - 152
Benzo(k)fluoranthene	ND		15.0	9.83		ug/L		66	51 - 153
Biphenyl	ND		15.0	12.3		ug/L		82	30 - 140
bis (2-chloroisopropyl) ether	ND		15.0	7.63		ug/L		51	28 - 136
Bis(2-chloroethoxy)methane	ND		15.0	11.4		ug/L		76	50 - 128
Bis(2-chloroethyl)ether	ND		15.0	9.67		ug/L		65	51 - 120
Bis(2-ethylhexyl) phthalate	ND		15.0	9.23		ug/L		62	53 - 158
Butyl benzyl phthalate	ND		15.0	12.8		ug/L		85	58 - 163
Caprolactam	ND		30.0	10.2		ug/L		34	30 - 140
Carbazole	ND		15.0	14.6		ug/L		98	59 - 148
Chrysene	ND		15.0	11.6		ug/L		77	69 - 140
Dibenz(a,h)anthracene	ND		15.0	8.83		ug/L		59	57 - 158
Dibenzofuran	ND		15.0	13.7		ug/L		91	49 - 137
Diethyl phthalate	ND		15.0	15.1		ug/L		101	59 - 146
Dimethyl phthalate	ND		15.0	15.9		ug/L		106	59 - 141
Di-n-butyl phthalate	ND		15.0	15.0		ug/L		100	58 - 149
Di-n-octyl phthalate	ND		15.0	8.97		ug/L		60	55 - 167
Fluoranthene	ND		15.0	15.3		ug/L		102	55 - 147
Fluorene	ND		15.0	13.7		ug/L		91	55 - 143
Hexachlorobenzene	ND		15.0	14.7		ug/L		98	38 - 131
Hexachlorobutadiene	ND		15.0	12.7		ug/L		85	14 - 130
Hexachlorocyclopentadiene	ND		15.0	9.46		ug/L		63	13 - 130
Hexachloroethane	ND		15.0	9.48		ug/L		63	14 - 130
Indeno(1,2,3-cd)pyrene	ND	F1	15.0	9.31	F1	ug/L		62	69 - 146
Isophorone	ND		15.0	10.9		ug/L		73	48 - 133
Naphthalene	ND		15.0	11.6		ug/L		77	35 - 130
Nitrobenzene	ND		15.0	11.9		ug/L		80	45 - 123
N-Nitrosodi-n-propylamine	ND		15.0	11.1		ug/L		74	56 - 120
N-Nitrosodiphenylamine	ND		15.0	14.0		ug/L		94	25 - 125
Pentachlorophenol	ND		30.0	35.2		ug/L		117	39 - 136
Phenanthrene	ND		15.0	14.0		ug/L		94	57 - 147

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: 480-100964-4 MS

Matrix: Ground Water

Analysis Batch: 305211

Client Sample ID: BCC Area E RFI-29 MS_0616

Prep Type: Total/NA

Prep Batch: 304690

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	ND		15.0	6.57		ug/L		44	17 - 120
Pyrene	ND		15.0	13.5		ug/L		90	58 - 136

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol	119		52 - 132
2-Fluorobiphenyl	81		48 - 120
2-Fluorophenol	62		20 - 120
Nitrobenzene-d5	70		46 - 120
Phenol-d5	40		16 - 120
p-Terphenyl-d14	72		67 - 150

Lab Sample ID: 480-100964-4 MSD

Matrix: Ground Water

Analysis Batch: 305211

Client Sample ID: BCC Area E RFI-29 MSD_0616

Prep Type: Total/NA

Prep Batch: 304690

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		15.1	15.6		ug/L		103	65 - 126	0	18
2,4,6-Trichlorophenol	ND		15.1	15.3		ug/L		101	64 - 120	2	19
2,4-Dichlorophenol	ND		15.1	15.1		ug/L		100	64 - 120	5	19
2,4-Dimethylphenol	ND		15.1	13.9		ug/L		92	57 - 120	4	42
2,4-Dinitrophenol	ND		30.2	31.3		ug/L		104	42 - 153	10	22
2,4-Dinitrotoluene	ND		15.1	16.1		ug/L		107	62 - 148	4	20
2,6-Dinitrotoluene	ND		15.1	15.5		ug/L		103	65 - 154	1	15
2-Chloronaphthalene	ND		15.1	13.2		ug/L		87	41 - 124	8	21
2-Chlorophenol	ND		15.1	12.1		ug/L		80	48 - 120	10	25
2-Methylnaphthalene	ND		15.1	13.8		ug/L		91	34 - 122	10	21
2-Methylphenol	ND		15.1	12.5		ug/L		82	39 - 120	13	27
2-Nitroaniline	ND		15.1	11.6		ug/L		77	67 - 136	2	15
2-Nitrophenol	ND		15.1	14.7		ug/L		97	59 - 120	12	18
3,3'-Dichlorobenzidine	ND		30.2	26.3		ug/L		87	33 - 140	4	25
3-Nitroaniline	ND		15.1	12.2		ug/L		81	69 - 129	3	19
4,6-Dinitro-2-methylphenol	ND		30.2	30.5		ug/L		101	64 - 159	2	15
4-Bromophenyl phenyl ether	ND		15.1	15.2		ug/L		100	71 - 126	1	15
4-Chloro-3-methylphenol	ND		15.1	14.6		ug/L		97	64 - 120	1	27
4-Chloroaniline	ND		15.1	11.2		ug/L		74	60 - 124	2	22
4-Chlorophenyl phenyl ether	ND		15.1	14.9		ug/L		98	48 - 145	1	16
4-Methylphenol	ND		15.1	11.6		ug/L		76	36 - 120	5	24
4-Nitroaniline	ND		15.1	11.2		ug/L		74	64 - 135	1	24
4-Nitrophenol	ND		30.2	29.2		ug/L		96	16 - 120	8	48
Acenaphthene	ND		15.1	13.7		ug/L		91	60 - 120	5	24
Acenaphthylene	ND		15.1	13.1		ug/L		87	63 - 120	5	18
Acetophenone	ND		15.1	12.8		ug/L		84	45 - 120	8	20
Aniline	ND		15.1	8.17	J	ug/L		54	37 - 120	7	30
Anthracene	ND		15.1	14.2		ug/L		94	58 - 148	1	15
Atrazine	ND		30.2	37.1		ug/L		123	56 - 179	4	20
Benzaldehyde	ND	*	30.2	41.4		ug/L		137	30 - 140	14	20
Benzo(a)anthracene	ND		15.1	11.9		ug/L		79	55 - 151	0	15
Benzo(a)pyrene	ND		15.1	10.4		ug/L		69	60 - 145	3	15

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: 480-100964-4 MSD

Matrix: Ground Water

Analysis Batch: 305211

Client Sample ID: BCC Area E RFI-29 MSD_0616

Prep Type: Total/NA

Prep Batch: 304690

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzo(b)fluoranthene	ND		15.1	10.9		ug/L		72	54 - 140	3	15
Benzo(g,h,i)perylene	ND	F1	15.1	9.86	F1	ug/L		65	66 - 152	3	15
Benzo(k)fluoranthene	ND		15.1	10.1		ug/L		67	51 - 153	3	22
Biphenyl	ND		15.1	13.1		ug/L		87	30 - 140	7	20
bis (2-chloroisopropyl) ether	ND		15.1	8.80		ug/L		58	28 - 136	14	24
Bis(2-chloroethoxy)methane	ND		15.1	12.2		ug/L		81	50 - 128	7	17
Bis(2-chloroethyl)ether	ND		15.1	11.0		ug/L		73	51 - 120	13	21
Bis(2-ethylhexyl) phthalate	ND		15.1	9.36		ug/L		62	53 - 158	1	15
Butyl benzyl phthalate	ND		15.1	13.1		ug/L		87	58 - 163	2	16
Caprolactam	ND		30.2	10.1		ug/L		33	30 - 140	1	20
Carbazole	ND		15.1	14.6		ug/L		96	59 - 148	0	20
Chrysene	ND		15.1	11.6		ug/L		77	69 - 140	1	15
Dibenz(a,h)anthracene	ND		15.1	9.07		ug/L		60	57 - 158	3	15
Dibenzofuran	ND		15.1	14.3		ug/L		95	49 - 137	5	15
Diethyl phthalate	ND		15.1	15.8		ug/L		105	59 - 146	5	15
Dimethyl phthalate	ND		15.1	16.8		ug/L		111	59 - 141	6	15
Di-n-butyl phthalate	ND		15.1	15.0		ug/L		99	58 - 149	0	15
Di-n-octyl phthalate	ND		15.1	8.98		ug/L		59	55 - 167	0	16
Fluoranthene	ND		15.1	15.2		ug/L		101	55 - 147	1	15
Fluorene	ND		15.1	13.8		ug/L		91	55 - 143	1	15
Hexachlorobenzene	ND		15.1	14.8		ug/L		98	38 - 131	0	15
Hexachlorobutadiene	ND		15.1	14.8		ug/L		98	14 - 130	15	44
Hexachlorocyclopentadiene	ND		15.1	10.9		ug/L		72	13 - 130	14	49
Hexachloroethane	ND		15.1	11.8		ug/L		78	14 - 130	22	46
Indeno(1,2,3-cd)pyrene	ND	F1	15.1	9.69	F1	ug/L		64	69 - 146	4	15
Isophorone	ND		15.1	12.0		ug/L		79	48 - 133	9	17
Naphthalene	ND		15.1	12.8		ug/L		85	35 - 130	11	29
Nitrobenzene	ND		15.1	13.6		ug/L		90	45 - 123	13	24
N-Nitrosodi-n-propylamine	ND		15.1	11.6		ug/L		77	56 - 120	5	31
N-Nitrosodiphenylamine	ND		15.1	13.8		ug/L		92	25 - 125	1	15
Pentachlorophenol	ND		30.2	35.5		ug/L		117	39 - 136	1	37
Phenanthrene	ND		15.1	13.8		ug/L		91	57 - 147	2	15
Phenol	ND		15.1	7.02		ug/L		46	17 - 120	7	34
Pyrene	ND		15.1	13.4		ug/L		88	58 - 136	1	19

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol	115		52 - 132
2-Fluorobiphenyl	86		48 - 120
2-Fluorophenol	81		20 - 120
Nitrobenzene-d5	78		46 - 120
Phenol-d5	43		16 - 120
p-Terphenyl-d14	72		67 - 150

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-304666/1-A

Matrix: Water

Analysis Batch: 304910

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 304666

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/02/16 08:25	06/02/16 19:49	1
Antimony	ND		0.020	0.0068	mg/L		06/02/16 08:25	06/02/16 19:49	1
Arsenic	ND		0.015	0.0056	mg/L		06/02/16 08:25	06/02/16 19:49	1
Barium	ND		0.0020	0.00070	mg/L		06/02/16 08:25	06/02/16 19:49	1
Beryllium	ND		0.0020	0.00030	mg/L		06/02/16 08:25	06/02/16 19:49	1
Cadmium	ND		0.0020	0.00050	mg/L		06/02/16 08:25	06/02/16 19:49	1
Calcium	0.125	J	0.50	0.10	mg/L		06/02/16 08:25	06/02/16 19:49	1
Chromium	ND		0.0040	0.0010	mg/L		06/02/16 08:25	06/02/16 19:49	1
Cobalt	ND		0.0040	0.00063	mg/L		06/02/16 08:25	06/02/16 19:49	1
Copper	ND		0.010	0.0016	mg/L		06/02/16 08:25	06/02/16 19:49	1
Iron	ND		0.050	0.019	mg/L		06/02/16 08:25	06/02/16 19:49	1
Lead	ND		0.010	0.0030	mg/L		06/02/16 08:25	06/02/16 19:49	1
Magnesium	ND		0.20	0.043	mg/L		06/02/16 08:25	06/02/16 19:49	1
Manganese	ND		0.0030	0.00040	mg/L		06/02/16 08:25	06/02/16 19:49	1
Nickel	ND		0.010	0.0013	mg/L		06/02/16 08:25	06/02/16 19:49	1
Potassium	ND		0.50	0.10	mg/L		06/02/16 08:25	06/02/16 19:49	1
Selenium	ND		0.025	0.0087	mg/L		06/02/16 08:25	06/02/16 19:49	1
Silver	ND		0.0060	0.0017	mg/L		06/02/16 08:25	06/02/16 19:49	1
Sodium	ND		1.0	0.32	mg/L		06/02/16 08:25	06/02/16 19:49	1
Thallium	ND		0.020	0.010	mg/L		06/02/16 08:25	06/02/16 19:49	1
Vanadium	ND		0.0050	0.0015	mg/L		06/02/16 08:25	06/02/16 19:49	1
Zinc	ND		0.010	0.0015	mg/L		06/02/16 08:25	06/02/16 19:49	1

Lab Sample ID: LCS 480-304666/2-A

Matrix: Water

Analysis Batch: 304910

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 304666

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	9.71		mg/L		97	80 - 120
Antimony	0.200	0.193		mg/L		96	80 - 120
Arsenic	0.200	0.199		mg/L		99	80 - 120
Barium	0.200	0.202		mg/L		101	80 - 120
Beryllium	0.200	0.199		mg/L		99	80 - 120
Cadmium	0.200	0.192		mg/L		96	80 - 120
Calcium	10.0	9.68		mg/L		97	80 - 120
Chromium	0.200	0.198		mg/L		99	80 - 120
Cobalt	0.200	0.193		mg/L		96	80 - 120
Copper	0.200	0.200		mg/L		100	80 - 120
Iron	10.0	9.98		mg/L		100	80 - 120
Lead	0.200	0.199		mg/L		100	80 - 120
Magnesium	10.0	10.28		mg/L		103	80 - 120
Manganese	0.200	0.198		mg/L		99	80 - 120
Nickel	0.200	0.194		mg/L		97	80 - 120
Potassium	10.0	9.85		mg/L		98	80 - 120
Selenium	0.200	0.197		mg/L		99	80 - 120
Silver	0.0500	0.0500		mg/L		100	80 - 120
Sodium	10.0	9.83		mg/L		98	80 - 120
Thallium	0.200	0.199		mg/L		99	80 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: LCS 480-304666/2-A

Matrix: Water

Analysis Batch: 304910

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 304666

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vanadium	0.200	0.200		mg/L		100	80 - 120
Zinc	0.200	0.198		mg/L		99	80 - 120

Lab Sample ID: 480-100964-4 MS

Matrix: Ground Water

Analysis Batch: 304910

Client Sample ID: BCC Area E RFI-29 MS_0616

Prep Type: Total/NA

Prep Batch: 304666

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	ND		10.0	9.90		mg/L		99	75 - 125
Antimony	ND		0.200	0.200		mg/L		100	75 - 125
Arsenic	0.0093	J	0.200	0.217		mg/L		104	75 - 125
Barium	0.11		0.200	0.314		mg/L		100	75 - 125
Beryllium	ND		0.200	0.205		mg/L		102	75 - 125
Cadmium	ND		0.200	0.199		mg/L		100	75 - 125
Calcium	61.2	B	10.0	70.86	4	mg/L		97	75 - 125
Chromium	ND		0.200	0.202		mg/L		101	75 - 125
Cobalt	ND		0.200	0.202		mg/L		101	75 - 125
Copper	ND		0.200	0.205		mg/L		102	75 - 125
Iron	0.040	J	10.0	10.12		mg/L		101	75 - 125
Lead	ND		0.200	0.211		mg/L		106	75 - 125
Magnesium	10.5		10.0	20.73		mg/L		102	75 - 125
Manganese	0.068		0.200	0.266		mg/L		99	75 - 125
Nickel	ND		0.200	0.204		mg/L		102	75 - 125
Potassium	3.2		10.0	13.32		mg/L		101	75 - 125
Selenium	ND		0.200	0.197		mg/L		99	75 - 125
Silver	ND		0.0500	0.0517		mg/L		103	75 - 125
Sodium	148		10.0	161.9	4	mg/L		138	75 - 125
Thallium	ND		0.200	0.202		mg/L		101	75 - 125
Vanadium	ND		0.200	0.206		mg/L		103	75 - 125
Zinc	ND		0.200	0.202		mg/L		101	75 - 125

Lab Sample ID: 480-100964-4 MSD

Matrix: Ground Water

Analysis Batch: 304910

Client Sample ID: BCC Area E RFI-29 MSD_0616

Prep Type: Total/NA

Prep Batch: 304666

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Aluminum	ND		10.0	10.00		mg/L		100	75 - 125	1	20
Antimony	ND		0.200	0.199		mg/L		100	75 - 125	1	20
Arsenic	0.0093	J	0.200	0.218		mg/L		104	75 - 125	0	20
Barium	0.11		0.200	0.314		mg/L		99	75 - 125	0	20
Beryllium	ND		0.200	0.203		mg/L		102	75 - 125	1	20
Cadmium	ND		0.200	0.198		mg/L		99	75 - 125	0	20
Calcium	61.2	B	10.0	71.91	4	mg/L		107	75 - 125	1	20
Chromium	ND		0.200	0.200		mg/L		100	75 - 125	1	20
Cobalt	ND		0.200	0.201		mg/L		101	75 - 125	1	20
Copper	ND		0.200	0.202		mg/L		101	75 - 125	1	20
Iron	0.040	J	10.0	10.11		mg/L		101	75 - 125	0	20
Lead	ND		0.200	0.209		mg/L		105	75 - 125	1	20
Magnesium	10.5		10.0	20.70		mg/L		102	75 - 125	0	20

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100964-1

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

Lab Sample ID: 480-100964-4 MSD

Matrix: Ground Water

Analysis Batch: 304910

Client Sample ID: BCC Area E RFI-29 MSD_0616

Prep Type: Total/NA

Prep Batch: 304666

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Manganese	0.068		0.200	0.264		mg/L		98	75 - 125	1	20
Nickel	ND		0.200	0.202		mg/L		101	75 - 125	1	20
Potassium	3.2		10.0	13.25		mg/L		100	75 - 125	1	20
Selenium	ND		0.200	0.194		mg/L		97	75 - 125	1	20
Silver	ND		0.0500	0.0515		mg/L		103	75 - 125	0	20
Sodium	148		10.0	162.5	4	mg/L		143	75 - 125	0	20
Thallium	ND		0.200	0.200		mg/L		100	75 - 125	1	20
Vanadium	ND		0.200	0.204		mg/L		102	75 - 125	1	20
Zinc	ND		0.200	0.200		mg/L		100	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-304713/1-A

Matrix: Water

Analysis Batch: 304859

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 304713

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/02/16 09:40	06/02/16 18:02	1

Lab Sample ID: LCS 480-304713/2-A

Matrix: Water

Analysis Batch: 304859

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 304713

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: 480-100964-4 MS

Matrix: Ground Water

Analysis Batch: 304859

Client Sample ID: BCC Area E RFI-29 MS_0616

Prep Type: Total/NA

Prep Batch: 304713

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00668		mg/L		100	80 - 120

Lab Sample ID: 480-100964-4 MSD

Matrix: Ground Water

Analysis Batch: 304859

Client Sample ID: BCC Area E RFI-29 MSD_0616

Prep Type: Total/NA

Prep Batch: 304713

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00662		mg/L		99	80 - 120	1	20

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-100964-1

GC/MS VOA

Analysis Batch: 304863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100964-5	BCC Area E RFI-32_0616	Total/NA	Ground Water	8260C	
480-100964-5 MS	BCC Area E RFI-32_0616	Total/NA	Ground Water	8260C	
480-100964-5 MSD	BCC Area E RFI-32_0616	Total/NA	Ground Water	8260C	
LCS 480-304863/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-304863/6	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 305250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100964-1	BCC Area E R-10_0616	Total/NA	Ground Water	8260C	
480-100964-2	BCC Area E R-11_0616	Total/NA	Ground Water	8260C	
480-100964-3	BCC Area E RFI-17_0616	Total/NA	Ground Water	8260C	
480-100964-4	BCC Area E RFI-29_0616	Total/NA	Ground Water	8260C	
480-100964-4 MS	BCC Area E RFI-29 MS_0616	Total/NA	Ground Water	8260C	
480-100964-4 MSD	BCC Area E RFI-29 MSD_0616	Total/NA	Ground Water	8260C	
LCS 480-305250/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-305250/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 305367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100964-6	BCC Area E RFI-33_0616	Total/NA	Ground Water	8260C	
480-100964-7	BCC Area E RFI-51_0616	Total/NA	Ground Water	8260C	
480-100964-8	BCC Area E RFI-PZ-16_0616	Total/NA	Ground Water	8260C	
480-100964-9	BCC Area E MW-E03_0616	Total/NA	Ground Water	8260C	
480-100964-10	BCC Area E MW-E04_0616	Total/NA	Ground Water	8260C	
480-100964-11	BCC Area E MW-E05_0616	Total/NA	Ground Water	8260C	
480-100964-12	BCC Area E MW-E06_0616	Total/NA	Ground Water	8260C	
480-100964-13	BCC Area E MW-E07_0616	Total/NA	Ground Water	8260C	
LCS 480-305367/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-305367/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 305567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100964-15	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-305567/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-305567/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 305764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100964-14	BCC Area E RFI-29 D_0616	Total/NA	Ground Water	8260C	
LCS 480-305764/39	Lab Control Sample	Total/NA	Water	8260C	
MB 480-305764/7	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 304690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100964-1	BCC Area E R-10_0616	Total/NA	Ground Water	3510C	
480-100964-2	BCC Area E R-11_0616	Total/NA	Ground Water	3510C	
480-100964-3	BCC Area E RFI-17_0616	Total/NA	Ground Water	3510C	
480-100964-4	BCC Area E RFI-29_0616	Total/NA	Ground Water	3510C	

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-100964-1

GC/MS Semi VOA (Continued)

Prep Batch: 304690 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100964-4 MS	BCC Area E RFI-29 MS_0616	Total/NA	Ground Water	3510C	
480-100964-4 MSD	BCC Area E RFI-29 MSD_0616	Total/NA	Ground Water	3510C	
480-100964-5	BCC Area E RFI-32_0616	Total/NA	Ground Water	3510C	
480-100964-6	BCC Area E RFI-33_0616	Total/NA	Ground Water	3510C	
480-100964-7	BCC Area E RFI-51_0616	Total/NA	Ground Water	3510C	
480-100964-8	BCC Area E RFI-PZ-16_0616	Total/NA	Ground Water	3510C	
480-100964-9	BCC Area E MW-E03_0616	Total/NA	Ground Water	3510C	
480-100964-10	BCC Area E MW-E04_0616	Total/NA	Ground Water	3510C	
480-100964-11	BCC Area E MW-E05_0616	Total/NA	Ground Water	3510C	
480-100964-12	BCC Area E MW-E06_0616	Total/NA	Ground Water	3510C	
480-100964-13	BCC Area E MW-E07_0616	Total/NA	Ground Water	3510C	
480-100964-14	BCC Area E RFI-29 D_0616	Total/NA	Ground Water	3510C	
LCS 480-304690/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-304690/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 305211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100964-1	BCC Area E R-10_0616	Total/NA	Ground Water	8270D	304690
480-100964-2	BCC Area E R-11_0616	Total/NA	Ground Water	8270D	304690
480-100964-3	BCC Area E RFI-17_0616	Total/NA	Ground Water	8270D	304690
480-100964-4	BCC Area E RFI-29_0616	Total/NA	Ground Water	8270D	304690
480-100964-4 MS	BCC Area E RFI-29 MS_0616	Total/NA	Ground Water	8270D	304690
480-100964-4 MSD	BCC Area E RFI-29 MSD_0616	Total/NA	Ground Water	8270D	304690
480-100964-5	BCC Area E RFI-32_0616	Total/NA	Ground Water	8270D	304690
480-100964-6	BCC Area E RFI-33_0616	Total/NA	Ground Water	8270D	304690
480-100964-7	BCC Area E RFI-51_0616	Total/NA	Ground Water	8270D	304690
480-100964-8	BCC Area E RFI-PZ-16_0616	Total/NA	Ground Water	8270D	304690
480-100964-9	BCC Area E MW-E03_0616	Total/NA	Ground Water	8270D	304690
480-100964-10	BCC Area E MW-E04_0616	Total/NA	Ground Water	8270D	304690
480-100964-11	BCC Area E MW-E05_0616	Total/NA	Ground Water	8270D	304690
480-100964-12	BCC Area E MW-E06_0616	Total/NA	Ground Water	8270D	304690
LCS 480-304690/2-A	Lab Control Sample	Total/NA	Water	8270D	304690
MB 480-304690/1-A	Method Blank	Total/NA	Water	8270D	304690

Analysis Batch: 305262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100964-13	BCC Area E MW-E07_0616	Total/NA	Ground Water	8270D	304690
480-100964-14	BCC Area E RFI-29 D_0616	Total/NA	Ground Water	8270D	304690

Metals

Prep Batch: 304666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100964-1	BCC Area E R-10_0616	Total/NA	Ground Water	3005A	
480-100964-2	BCC Area E R-11_0616	Total/NA	Ground Water	3005A	
480-100964-3	BCC Area E RFI-17_0616	Total/NA	Ground Water	3005A	
480-100964-4	BCC Area E RFI-29_0616	Total/NA	Ground Water	3005A	
480-100964-4 MS	BCC Area E RFI-29 MS_0616	Total/NA	Ground Water	3005A	
480-100964-4 MSD	BCC Area E RFI-29 MSD_0616	Total/NA	Ground Water	3005A	
480-100964-5	BCC Area E RFI-32_0616	Total/NA	Ground Water	3005A	

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-100964-1

Metals (Continued)

Prep Batch: 304666 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100964-6	BCC Area E RFI-33_0616	Total/NA	Ground Water	3005A	
480-100964-7	BCC Area E RFI-51_0616	Total/NA	Ground Water	3005A	
480-100964-8	BCC Area E RFI-PZ-16_0616	Total/NA	Ground Water	3005A	
480-100964-9	BCC Area E MW-E03_0616	Total/NA	Ground Water	3005A	
480-100964-10	BCC Area E MW-E04_0616	Total/NA	Ground Water	3005A	
480-100964-11	BCC Area E MW-E05_0616	Total/NA	Ground Water	3005A	
480-100964-12	BCC Area E MW-E06_0616	Total/NA	Ground Water	3005A	
480-100964-13	BCC Area E MW-E07_0616	Total/NA	Ground Water	3005A	
480-100964-14	BCC Area E RFI-29 D_0616	Total/NA	Ground Water	3005A	
LCS 480-304666/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-304666/1-A	Method Blank	Total/NA	Water	3005A	

Prep Batch: 304713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100964-1	BCC Area E R-10_0616	Total/NA	Ground Water	7470A	
480-100964-2	BCC Area E R-11_0616	Total/NA	Ground Water	7470A	
480-100964-3	BCC Area E RFI-17_0616	Total/NA	Ground Water	7470A	
480-100964-4	BCC Area E RFI-29_0616	Total/NA	Ground Water	7470A	
480-100964-4 MS	BCC Area E RFI-29 MS_0616	Total/NA	Ground Water	7470A	
480-100964-4 MSD	BCC Area E RFI-29 MSD_0616	Total/NA	Ground Water	7470A	
480-100964-5	BCC Area E RFI-32_0616	Total/NA	Ground Water	7470A	
480-100964-6	BCC Area E RFI-33_0616	Total/NA	Ground Water	7470A	
480-100964-7	BCC Area E RFI-51_0616	Total/NA	Ground Water	7470A	
480-100964-8	BCC Area E RFI-PZ-16_0616	Total/NA	Ground Water	7470A	
480-100964-9	BCC Area E MW-E03_0616	Total/NA	Ground Water	7470A	
480-100964-10	BCC Area E MW-E04_0616	Total/NA	Ground Water	7470A	
480-100964-11	BCC Area E MW-E05_0616	Total/NA	Ground Water	7470A	
480-100964-12	BCC Area E MW-E06_0616	Total/NA	Ground Water	7470A	
480-100964-13	BCC Area E MW-E07_0616	Total/NA	Ground Water	7470A	
480-100964-14	BCC Area E RFI-29 D_0616	Total/NA	Ground Water	7470A	
LCS 480-304713/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-304713/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 304859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100964-1	BCC Area E R-10_0616	Total/NA	Ground Water	7470A	304713
480-100964-2	BCC Area E R-11_0616	Total/NA	Ground Water	7470A	304713
480-100964-3	BCC Area E RFI-17_0616	Total/NA	Ground Water	7470A	304713
480-100964-4	BCC Area E RFI-29_0616	Total/NA	Ground Water	7470A	304713
480-100964-4 MS	BCC Area E RFI-29 MS_0616	Total/NA	Ground Water	7470A	304713
480-100964-4 MSD	BCC Area E RFI-29 MSD_0616	Total/NA	Ground Water	7470A	304713
480-100964-5	BCC Area E RFI-32_0616	Total/NA	Ground Water	7470A	304713
480-100964-6	BCC Area E RFI-33_0616	Total/NA	Ground Water	7470A	304713
480-100964-7	BCC Area E RFI-51_0616	Total/NA	Ground Water	7470A	304713
480-100964-8	BCC Area E RFI-PZ-16_0616	Total/NA	Ground Water	7470A	304713
480-100964-9	BCC Area E MW-E03_0616	Total/NA	Ground Water	7470A	304713
480-100964-10	BCC Area E MW-E04_0616	Total/NA	Ground Water	7470A	304713
480-100964-11	BCC Area E MW-E05_0616	Total/NA	Ground Water	7470A	304713
480-100964-12	BCC Area E MW-E06_0616	Total/NA	Ground Water	7470A	304713
480-100964-13	BCC Area E MW-E07_0616	Total/NA	Ground Water	7470A	304713
480-100964-14	BCC Area E RFI-29 D_0616	Total/NA	Ground Water	7470A	304713

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-100964-1

Metals (Continued)

Analysis Batch: 304859 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-304713/2-A	Lab Control Sample	Total/NA	Water	7470A	304713
MB 480-304713/1-A	Method Blank	Total/NA	Water	7470A	304713

Analysis Batch: 304910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100964-1	BCC Area E R-10_0616	Total/NA	Ground Water	6010C	304666
480-100964-2	BCC Area E R-11_0616	Total/NA	Ground Water	6010C	304666
480-100964-3	BCC Area E RFI-17_0616	Total/NA	Ground Water	6010C	304666
480-100964-4	BCC Area E RFI-29_0616	Total/NA	Ground Water	6010C	304666
480-100964-4 MS	BCC Area E RFI-29 MS_0616	Total/NA	Ground Water	6010C	304666
480-100964-4 MSD	BCC Area E RFI-29 MSD_0616	Total/NA	Ground Water	6010C	304666
480-100964-5	BCC Area E RFI-32_0616	Total/NA	Ground Water	6010C	304666
480-100964-6	BCC Area E RFI-33_0616	Total/NA	Ground Water	6010C	304666
480-100964-7	BCC Area E RFI-51_0616	Total/NA	Ground Water	6010C	304666
480-100964-8	BCC Area E RFI-PZ-16_0616	Total/NA	Ground Water	6010C	304666
480-100964-9	BCC Area E MW-E03_0616	Total/NA	Ground Water	6010C	304666
480-100964-10	BCC Area E MW-E04_0616	Total/NA	Ground Water	6010C	304666
480-100964-11	BCC Area E MW-E05_0616	Total/NA	Ground Water	6010C	304666
480-100964-12	BCC Area E MW-E06_0616	Total/NA	Ground Water	6010C	304666
LCS 480-304666/2-A	Lab Control Sample	Total/NA	Water	6010C	304666
MB 480-304666/1-A	Method Blank	Total/NA	Water	6010C	304666

Analysis Batch: 305151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100964-13	BCC Area E MW-E07_0616	Total/NA	Ground Water	6010C	304666
480-100964-14	BCC Area E RFI-29 D_0616	Total/NA	Ground Water	6010C	304666

Lab Chronicle

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E R-10_0616

Date Collected: 05/31/16 12:45

Date Received: 06/01/16 16:00

Lab Sample ID: 480-100964-1

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	305250	06/06/16 18:33	NMD1	TAL BUF
Total/NA	Prep	3510C			304690	06/02/16 08:05	CPH	TAL BUF
Total/NA	Analysis	8270D		1	305211	06/06/16 13:36	LMW	TAL BUF
Total/NA	Prep	3005A			304666	06/02/16 08:25	CMM	TAL BUF
Total/NA	Analysis	6010C		1	304910	06/02/16 19:55	AMH	TAL BUF
Total/NA	Prep	7470A			304713	06/02/16 09:40	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	304859	06/02/16 18:06	KJ1	TAL BUF

Client Sample ID: BCC Area E R-11_0616

Date Collected: 05/31/16 12:00

Date Received: 06/01/16 16:00

Lab Sample ID: 480-100964-2

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	305250	06/06/16 19:00	NMD1	TAL BUF
Total/NA	Prep	3510C			304690	06/02/16 08:05	CPH	TAL BUF
Total/NA	Analysis	8270D		1	305211	06/06/16 14:06	LMW	TAL BUF
Total/NA	Prep	3005A			304666	06/02/16 08:25	CMM	TAL BUF
Total/NA	Analysis	6010C		1	304910	06/02/16 19:59	AMH	TAL BUF
Total/NA	Prep	7470A			304713	06/02/16 09:40	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	304859	06/02/16 18:08	KJ1	TAL BUF

Client Sample ID: BCC Area E RFI-17_0616

Date Collected: 05/31/16 14:30

Date Received: 06/01/16 16:00

Lab Sample ID: 480-100964-3

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	305250	06/06/16 19:27	NMD1	TAL BUF
Total/NA	Prep	3510C			304690	06/02/16 08:05	CPH	TAL BUF
Total/NA	Analysis	8270D		1	305211	06/06/16 14:35	LMW	TAL BUF
Total/NA	Prep	3005A			304666	06/02/16 08:25	CMM	TAL BUF
Total/NA	Analysis	6010C		1	304910	06/02/16 20:02	AMH	TAL BUF
Total/NA	Prep	7470A			304713	06/02/16 09:40	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	304859	06/02/16 18:10	KJ1	TAL BUF

Client Sample ID: BCC Area E RFI-29_0616

Date Collected: 05/31/16 08:30

Date Received: 06/01/16 16:00

Lab Sample ID: 480-100964-4

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	305250	06/06/16 19:54	NMD1	TAL BUF
Total/NA	Prep	3510C			304690	06/02/16 08:05	CPH	TAL BUF
Total/NA	Analysis	8270D		1	305211	06/06/16 15:04	LMW	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-29_0616

Lab Sample ID: 480-100964-4

Date Collected: 05/31/16 08:30

Matrix: Ground Water

Date Received: 06/01/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			304666	06/02/16 08:25	CMM	TAL BUF
Total/NA	Analysis	6010C		1	304910	06/02/16 20:05	AMH	TAL BUF
Total/NA	Prep	7470A			304713	06/02/16 09:40	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	304859	06/02/16 18:11	KJ1	TAL BUF

Client Sample ID: BCC Area E RFI-32_0616

Lab Sample ID: 480-100964-5

Date Collected: 05/31/16 10:20

Matrix: Ground Water

Date Received: 06/01/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	304863	06/03/16 07:21	GTG	TAL BUF
Total/NA	Prep	3510C			304690	06/02/16 08:05	CPH	TAL BUF
Total/NA	Analysis	8270D		1	305211	06/06/16 15:34	LMW	TAL BUF
Total/NA	Prep	3005A			304666	06/02/16 08:25	CMM	TAL BUF
Total/NA	Analysis	6010C		1	304910	06/02/16 20:32	AMH	TAL BUF
Total/NA	Prep	7470A			304713	06/02/16 09:40	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	304859	06/02/16 18:24	KJ1	TAL BUF

Client Sample ID: BCC Area E RFI-33_0616

Lab Sample ID: 480-100964-6

Date Collected: 06/01/16 08:35

Matrix: Ground Water

Date Received: 06/01/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	305367	06/07/16 14:43	NMD1	TAL BUF
Total/NA	Prep	3510C			304690	06/02/16 08:05	CPH	TAL BUF
Total/NA	Analysis	8270D		1	305211	06/06/16 16:03	LMW	TAL BUF
Total/NA	Prep	3005A			304666	06/02/16 08:25	CMM	TAL BUF
Total/NA	Analysis	6010C		1	304910	06/02/16 20:36	AMH	TAL BUF
Total/NA	Prep	7470A			304713	06/02/16 09:40	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	304859	06/02/16 18:26	KJ1	TAL BUF

Client Sample ID: BCC Area E RFI-51_0616

Lab Sample ID: 480-100964-7

Date Collected: 06/01/16 12:30

Matrix: Ground Water

Date Received: 06/01/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	305367	06/07/16 15:10	NMD1	TAL BUF
Total/NA	Prep	3510C			304690	06/02/16 08:05	CPH	TAL BUF
Total/NA	Analysis	8270D		1	305211	06/06/16 16:32	LMW	TAL BUF
Total/NA	Prep	3005A			304666	06/02/16 08:25	CMM	TAL BUF
Total/NA	Analysis	6010C		1	304910	06/02/16 20:39	AMH	TAL BUF
Total/NA	Prep	7470A			304713	06/02/16 09:40	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	304859	06/02/16 18:28	KJ1	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E RFI-PZ-16_0616

Lab Sample ID: 480-100964-8

Date Collected: 06/01/16 13:30

Matrix: Ground Water

Date Received: 06/01/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	305367	06/07/16 15:36	NMD1	TAL BUF
Total/NA	Prep	3510C			304690	06/02/16 08:05	CPH	TAL BUF
Total/NA	Analysis	8270D		1	305211	06/06/16 17:02	LMW	TAL BUF
Total/NA	Prep	3005A			304666	06/02/16 08:25	CMM	TAL BUF
Total/NA	Analysis	6010C		1	304910	06/02/16 20:42	AMH	TAL BUF
Total/NA	Prep	7470A			304713	06/02/16 09:40	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	304859	06/02/16 18:30	KJ1	TAL BUF

Client Sample ID: BCC Area E MW-E03_0616

Lab Sample ID: 480-100964-9

Date Collected: 05/31/16 11:15

Matrix: Ground Water

Date Received: 06/01/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	305367	06/07/16 16:03	NMD1	TAL BUF
Total/NA	Prep	3510C			304690	06/02/16 08:05	CPH	TAL BUF
Total/NA	Analysis	8270D		1	305211	06/06/16 17:31	LMW	TAL BUF
Total/NA	Prep	3005A			304666	06/02/16 08:25	CMM	TAL BUF
Total/NA	Analysis	6010C		1	304910	06/02/16 20:46	AMH	TAL BUF
Total/NA	Prep	7470A			304713	06/02/16 09:40	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	304859	06/02/16 18:32	KJ1	TAL BUF

Client Sample ID: BCC Area E MW-E04_0616

Lab Sample ID: 480-100964-10

Date Collected: 05/31/16 13:40

Matrix: Ground Water

Date Received: 06/01/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	305367	06/07/16 16:30	NMD1	TAL BUF
Total/NA	Prep	3510C			304690	06/02/16 08:05	CPH	TAL BUF
Total/NA	Analysis	8270D		200	305211	06/06/16 18:00	LMW	TAL BUF
Total/NA	Prep	3005A			304666	06/02/16 08:25	CMM	TAL BUF
Total/NA	Analysis	6010C		1	304910	06/02/16 20:49	AMH	TAL BUF
Total/NA	Prep	7470A			304713	06/02/16 09:40	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	304859	06/02/16 18:34	KJ1	TAL BUF

Client Sample ID: BCC Area E MW-E05_0616

Lab Sample ID: 480-100964-11

Date Collected: 06/01/16 09:20

Matrix: Ground Water

Date Received: 06/01/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	305367	06/07/16 16:56	NMD1	TAL BUF
Total/NA	Prep	3510C			304690	06/02/16 08:05	CPH	TAL BUF
Total/NA	Analysis	8270D		1	305211	06/06/16 18:30	LMW	TAL BUF
Total/NA	Prep	3005A			304666	06/02/16 08:25	CMM	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: BCC Area E MW-E05_0616

Lab Sample ID: 480-100964-11

Date Collected: 06/01/16 09:20

Matrix: Ground Water

Date Received: 06/01/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010C		1	304910	06/02/16 20:53	AMH	TAL BUF
Total/NA	Prep	7470A			304713	06/02/16 09:40	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	304859	06/02/16 18:36	KJ1	TAL BUF

Client Sample ID: BCC Area E MW-E06_0616

Lab Sample ID: 480-100964-12

Date Collected: 06/01/16 10:10

Matrix: Ground Water

Date Received: 06/01/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	305367	06/07/16 17:23	NMD1	TAL BUF
Total/NA	Prep	3510C			304690	06/02/16 08:05	CPH	TAL BUF
Total/NA	Analysis	8270D		1	305211	06/06/16 18:59	LMW	TAL BUF
Total/NA	Prep	3005A			304666	06/02/16 08:25	CMM	TAL BUF
Total/NA	Analysis	6010C		1	304910	06/02/16 20:56	AMH	TAL BUF
Total/NA	Prep	7470A			304713	06/02/16 09:40	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	304859	06/02/16 18:38	KJ1	TAL BUF

Client Sample ID: BCC Area E MW-E07_0616

Lab Sample ID: 480-100964-13

Date Collected: 06/01/16 11:40

Matrix: Ground Water

Date Received: 06/01/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	305367	06/07/16 17:50	NMD1	TAL BUF
Total/NA	Prep	3510C			304690	06/02/16 08:05	CPH	TAL BUF
Total/NA	Analysis	8270D		1	305262	06/06/16 23:23	LMW	TAL BUF
Total/NA	Prep	3005A			304666	06/02/16 08:25	CMM	TAL BUF
Total/NA	Analysis	6010C		1	305151	06/03/16 12:50	TRB	TAL BUF
Total/NA	Prep	7470A			304713	06/02/16 09:40	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	304859	06/02/16 18:43	KJ1	TAL BUF

Client Sample ID: BCC Area E RFI-29 D_0616

Lab Sample ID: 480-100964-14

Date Collected: 05/31/16 09:00

Matrix: Ground Water

Date Received: 06/01/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	305764	06/09/16 03:18	CDC	TAL BUF
Total/NA	Prep	3510C			304690	06/02/16 08:05	CPH	TAL BUF
Total/NA	Analysis	8270D		10	305262	06/06/16 23:52	LMW	TAL BUF
Total/NA	Prep	3005A			304666	06/02/16 08:25	CMM	TAL BUF
Total/NA	Analysis	6010C		1	305151	06/03/16 12:54	TRB	TAL BUF
Total/NA	Prep	7470A			304713	06/02/16 09:40	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	304859	06/02/16 18:45	KJ1	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-100964-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-100964-15

Date Collected: 05/31/16 00:00

Matrix: Water

Date Received: 06/01/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	305567	06/08/16 15:55	SMY	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 E Wells

TestAmerica Job ID: 480-100964-1

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 E Wells

TestAmerica Job ID: 480-100964-1

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

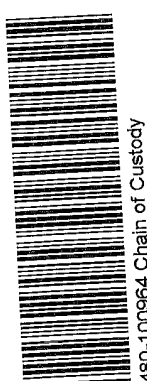
Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-100964-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-100964-1	BCC Area E R-10_0616	Ground Water	05/31/16 12:45	06/01/16 16:00
480-100964-2	BCC Area E R-11_0616	Ground Water	05/31/16 12:00	06/01/16 16:00
480-100964-3	BCC Area E RFI-17_0616	Ground Water	05/31/16 14:30	06/01/16 16:00
480-100964-4	BCC Area E RFI-29_0616	Ground Water	05/31/16 08:30	06/01/16 16:00
480-100964-5	BCC Area E RFI-32_0616	Ground Water	05/31/16 10:20	06/01/16 16:00
480-100964-6	BCC Area E RFI-33_0616	Ground Water	06/01/16 08:35	06/01/16 16:00
480-100964-7	BCC Area E RFI-51_0616	Ground Water	06/01/16 12:30	06/01/16 16:00
480-100964-8	BCC Area E RFI-PZ-16_0616	Ground Water	06/01/16 13:30	06/01/16 16:00
480-100964-9	BCC Area E MW-E03_0616	Ground Water	05/31/16 11:15	06/01/16 16:00
480-100964-10	BCC Area E MW-E04_0616	Ground Water	05/31/16 13:40	06/01/16 16:00
480-100964-11	BCC Area E MW-E05_0616	Ground Water	06/01/16 09:20	06/01/16 16:00
480-100964-12	BCC Area E MW-E06_0616	Ground Water	06/01/16 10:10	06/01/16 16:00
480-100964-13	BCC Area E MW-E07_0616	Ground Water	06/01/16 11:40	06/01/16 16:00
480-100964-14	BCC Area E RFI-29 D_0616	Ground Water	05/31/16 09:00	06/01/16 16:00
480-100964-15	TRIP BLANK	Water	05/31/16 00:00	06/01/16 16:00

Chain of Custody Record

Client Contact Ontario Specialty Contracting Inc. 333 Garrison Street Buffalo, NY, 14203 716-856-3333 716-842-1630 Project Name: Buffalo Color Area E Wells Site: Honeywell Buffalo Color - NYC915232 EIM SITE ID - 37745 PO# 52954		Project Manager: Schove, John Tel/Fax: (716) 912-9926 Analysis Turnaround Time Calendar (C) or Work Days (W) W ☒ TAT ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Site Contact: Tom Wagner Lab Contact: Schove, John Date: 6-1-16 Carrier: OSC COC No: 290022.0616 1 of 1 COCs Job No. 0913-OMM SDG No.		
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Sample Specific Notes
BCC_Area E_R-10_0616	5/31-16	1245	G	W	6	
BCC_Area E_R-11_0616	5/31-16	1200	G	W	6	
BCC_Area E_RFI-17_0616	5/31-16	1330	G	W	6	
BCC_Area E_RFI-29_0616	5/31-16	0830	G	W	6	
BCC_Area E_RFI-32_0616	5/31-16	1030	G	W	6	
BCC_Area E_RFI-33_0616	5/1-16	0835	G	W	6	
BCC_Area E_RFI-51_0616	5/1-16	1230	G	W	6	
BCC_Area E_RFI-PZ-16_0616	5/1-16	1330	G	W	6	
BCC_Area E_MW-E03_0616	5/31-16	1115	G	W	6	
BCC_Area E_MW-E04_0616	5/31-16	1340	G	W	6	
BCC_Area E_MW-E05_0616	5/1-16	0920	G	W	6	
BCC_Area E_MW-E06_0616	5/1-16	1010	G	W	6	
BCC_Area E_MW-E07_0616	5/1-16	1140	G	W	6	
BCC_Area E_RFI-29_D_0616	5/31-16	0900	G	W	6	
BCC_Area E_RFI-29_MS_0616	5/31-16	0915	G	W	6	
BCC_Area E_RFI-29_MSD_0616	5/31-16	0930	G	W	6	
Trip Blank		N/A	N/A	W	2	
Container Volume (ml)						
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 ☒ Unknown						
Special Instructions/QC Requirements & Comments:						
Container Code: A=Amber G=Glass P=Poly/Plastic S=Summa T=Tedlar V=Vial						
Relinquished by: Tom Wagner						Received by: Tom Wagner
Relinquished by: OSC						Received by: TA
Relinquished by:						Received by:
Relinquished by:						Received by:



Temp 3.7 4.6 #3 ICE

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-100964-1

Login Number: 100964

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	

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: 480-105843-1

Client Project/Site: Buffalo Color Area E Wells

Sampling Event: Buffalo Color Area E Wells

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Kirsten Colligan



Authorized for release by:

9/20/2016 3:29:27 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

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results through

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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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Definitions/Glossary

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

TestAmerica Job ID: 480-105843-1

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.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control 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

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.
^	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)

Case Narrative

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

TestAmerica Job ID: 480-105843-1

Job ID: 480-105843-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-105843-1

Comments

No additional comments.

Receipt

The samples were received on 9/13/2016 3:55 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.6° C and 4.1° C.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-320684 recovered outside acceptance criteria, low biased, for Chloromethane. 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 sample is impacted: BCC Area E R-10_0916 (480-105843-1).

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area E RFI-32_0916 (480-105843-5). 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 E RFI-32_0916 (480-105843-5). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-320854 recovered above the upper control limit for 2-Butanone. 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 E MW-E05_0916 (480-105843-10), BCC Area E MW-E05 D_0916 (480-105843-13) and TRIP BLANK (480-105843-14).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-320854 recovered outside acceptance criteria, low biased, for 1,2,4-Trichlorobenzene. 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.

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 480-320468 recovered above the upper control limit for 2,4,5-Trichlorophenol, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, 4-Nitrophenol and Pentachlorophenol. 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 E R-10_0916 (480-105843-1), BCC Area E R-11_0916 (480-105843-2), BCC Area E RFI-17_0916 (480-105843-3), BCC Area E RFI-29_0916 (480-105843-4), BCC Area E RFI-32_0916 (480-105843-5), BCC Area E RFI-33_0916 (480-105843-6), BCC Area E RFI-51_0916 (480-105843-7), BCC Area E MW-E03_0916 (480-105843-8), BCC Area E MW-E05_0916 (480-105843-10), BCC Area E MW-E05 MS_0916 (480-105843-10[MS]), BCC Area E MW-E05 MSD_0916 (480-105843-10[MSD]), BCC Area E MW-E06_0916 (480-105843-11) and BCC Area E MW-E07_0916 (480-105843-12).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-320468 recovered above the upper control limit for 2,4,6-Tribromophenol (Surr). The following samples are impacted: BCC Area E R-10_0916 (480-105843-1), BCC Area E R-11_0916 (480-105843-2), BCC Area E RFI-17_0916 (480-105843-3), BCC Area E RFI-29_0916 (480-105843-4), BCC Area E RFI-32_0916 (480-105843-5), BCC Area E RFI-33_0916 (480-105843-6), BCC Area E RFI-51_0916 (480-105843-7), BCC Area E MW-E03_0916 (480-105843-8), BCC Area E MW-E05_0916 (480-105843-10), BCC Area E MW-E05 MS_0916 (480-105843-10[MS]), BCC Area E MW-E05 MSD_0916 (480-105843-10[MSD]), BCC Area E MW-E06_0916 (480-105843-11) and BCC Area E MW-E07_0916 (480-105843-12).

Method(s) 8270D: The laboratory control sample (LCS) for preparation batch 480-320189 and analytical batches 480-320468 and 480-320713 recovered outside control limits for the following analytes: 2,4-Dinitrophenol and 4-Nitrophenol. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8270D: The laboratory control sample (LCS) for preparation batch 480-320189 and analytical batches 480-320468 and

Case Narrative

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

TestAmerica Job ID: 480-105843-1

Job ID: 480-105843-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

480-320713 recovered outside control limits for the following analyte: Benzaldehyde. Benzaldehyde has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

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 E RFI-17_0916 (480-105843-3), BCC Area E RFI-32_0916 (480-105843-5), BCC Area E MW-E05 MS_0916 (480-105843-10[MS]) and BCC Area E MW-E07_0916 (480-105843-12). These results have been reported and qualified.

Method(s) 8270D: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 480-320189 and analytical batch 480-320468 was outside control limits for 3,3'-Dichlorobenzidine, a poor performer, >75%. Sample matrix interference is suspected. The results have been reported and qualified: BCC Area E MW-E05 MS_0916 (480-105843-10[MS]) and BCC Area E MW-E05 MSD_0916 (480-105843-10[MSD]).

Method(s) 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-320189 and analytical batch 480-320468 were outside control limits. Sample matrix interference is suspected. The results have been reported and qualified: BCC Area E MW-E05 MS_0916 (480-105843-10[MS]) and BCC Area E MW-E05 MSD_0916 (480-105843-10[MSD]).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-320713 recovered above the upper control limit for 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, 4-Nitrophenol and Pentachlorophenol. 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 E MW-E04_0916 (480-105843-9) and BCC Area E MW-E05 D_0916 (480-105843-13).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-320713 recovered outside acceptance criteria, low biased, for Carbazole. 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: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area E MW-E04_0916 (480-105843-9). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The following samples required a dilution due to the nature of the sample matrix: BCC Area E MW-E04_0916 (480-105843-9). Because of this dilution, the surrogate spike concentration in each sample was reduced to a level where the recovery calculation does not provide useful information.

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 480-320987/24) contained Total Potassium above the upper quality control limit. All reported samples BCC Area E RFI-51_0916 (480-105843-7), BCC Area E MW-E05_0916 (480-105843-10), BCC Area E MW-E05 MS_0916 (480-105843-10[MS]), BCC Area E MW-E05 MSD_0916 (480-105843-10[MSD]), (LCS 480-320420/2-A) and (480-105843-C-10-D PD) associated with this CCVL were either ND 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.

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 E Wells

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E R-10_0916

Lab Sample ID: 480-105843-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.3	J	10	3.0	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.58	J	1.0	0.16	ug/L	1		8260C	Total/NA
Aluminum	0.24		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.17		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00057	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	84.5		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	9.2		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	35.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.078	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	3.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	128		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.017		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E R-11_0916

Lab Sample ID: 480-105843-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.4	J	10	3.0	ug/L	1		8260C	Total/NA
Barium	0.090		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	47.9		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	1.1		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	16.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.010	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	3.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	17.6		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.15		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-17_0916

Lab Sample ID: 480-105843-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.036		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	192		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0023	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Magnesium	39.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.023	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0048	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	20.6		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0037	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-29_0916

Lab Sample ID: 480-105843-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	3.1		1.0	0.79	ug/L	1		8260C	Total/NA
1,3-Dichlorobenzene	1.1		1.0	0.78	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	5.3		1.0	0.84	ug/L	1		8260C	Total/NA
Chlorobenzene	18		1.0	0.75	ug/L	1		8260C	Total/NA
Aniline	0.58	J	9.3	0.57	ug/L	1		8270D	Total/NA
Arsenic	0.015		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.15		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	85.8		0.50	0.10	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-29_0916 (Continued)

Lab Sample ID: 480-105843-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.024	J	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	14.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.073	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	4.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	136		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0081	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-32_0916

Lab Sample ID: 480-105843-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene - DL	3500		40	30	ug/L	40		8260C	Total/NA
2-Chlorophenol	21		4.8	0.51	ug/L	1		8270D	Total/NA
Aluminum	0.12	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.030		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.035		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00052	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	302		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0049		0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	16.8		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	105		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.7	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0075	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	79.3		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0058	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-33_0916

Lab Sample ID: 480-105843-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.089	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.074		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	103		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.23		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.040		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.012		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	5.5		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	36.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.96	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.96		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	0.76		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	304		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0093	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-51_0916

Lab Sample ID: 480-105843-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.41		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.019		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00083	J	0.0020	0.00050	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-51_0916 (Continued)

Lab Sample ID: 480-105843-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	508		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0025	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	15.3		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	277		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	2.0	B	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	32.5	^	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	244		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0028	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E MW-E03_0916

Lab Sample ID: 480-105843-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.048		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	209		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.055		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	25.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.034	B	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	5.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	27.8		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0091	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E MW-E04_0916

Lab Sample ID: 480-105843-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	0.61	J	1.0	0.41	ug/L	1		8260C	Total/NA
1,2-Dichlorobenzene	2.1		1.0	0.79	ug/L	1		8260C	Total/NA
Acetone	3.9	J	10	3.0	ug/L	1		8260C	Total/NA
Chlorobenzene	1.0		1.0	0.75	ug/L	1		8260C	Total/NA
Toluene	1.8		1.0	0.51	ug/L	1		8260C	Total/NA
2,4-Dinitrotoluene	630		120	11	ug/L	25		8270D	Total/NA
2,6-Dinitrotoluene	490		120	9.4	ug/L	25		8270D	Total/NA
2-Nitroaniline	18	J	240	9.9	ug/L	25		8270D	Total/NA
Aluminum	0.83		0.20	0.060	mg/L	1		6010C	Total/NA
Antimony	0.018	J	0.020	0.0068	mg/L	1		6010C	Total/NA
Arsenic	0.029		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.055		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	160		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0022	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0020	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0040	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	1.3		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	35.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.68	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0084	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	5.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	17.4		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.12		0.010	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E MW-E05_0916

Lab Sample ID: 480-105843-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.1	J	10	3.0	ug/L	1		8260C	Total/NA
Aluminum	0.70		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.013	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.055		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.036		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	322		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0021	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.050		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.15		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	1.1		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.060		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	35.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.23	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.074		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	10.0	^	0.50	0.10	mg/L	1		6010C	Total/NA
Selenium	0.044		0.025	0.0087	mg/L	1		6010C	Total/NA
Sodium	114		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0018	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	10.3		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E MW-E06_0916

Lab Sample ID: 480-105843-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.20		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.056		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.044		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00055	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	474		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	0.0081		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0082	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	46.3		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	30.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.5	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0075	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	6.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	45.7		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: BCC Area E MW-E07_0916

Lab Sample ID: 480-105843-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	7.4		4.6	0.38	ug/L	1		8270D	Total/NA
Fluoranthene	0.93	J	4.6	0.37	ug/L	1		8270D	Total/NA
Fluorene	0.88	J	4.6	0.33	ug/L	1		8270D	Total/NA
Pyrene	0.95	J	4.6	0.31	ug/L	1		8270D	Total/NA
Aluminum	0.18	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.072		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.026		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	189		0.50	0.10	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E MW-E07_0916 (Continued)

Lab Sample ID: 480-105843-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.0014	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0064		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.012		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	29.7		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.010		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	18.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.57	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0072	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	13.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	20.6		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.37		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E_MW-E05 D_0916

Lab Sample ID: 480-105843-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.91		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.013	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.055		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.036		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	325		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	0.054		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.16		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	1.4		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.059		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	35.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.23	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.078		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	10.1		0.50	0.10	mg/L	1		6010C	Total/NA
Selenium	0.047		0.025	0.0087	mg/L	1		6010C	Total/NA
Sodium	112		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0025	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	10.7		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-105843-14

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E R-10_0916

Lab Sample ID: 480-105843-1

Date Collected: 09/12/16 12:37

Matrix: Ground Water

Date Received: 09/13/16 15:55

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			09/16/16 20:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/16/16 20:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/16/16 20:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/16/16 20:03	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/16/16 20:03	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/16/16 20:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/16/16 20:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/16/16 20:03	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/16/16 20:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/16/16 20:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/16/16 20:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/16/16 20:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/16/16 20:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/16/16 20:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/16/16 20:03	1
2-Hexanone	ND		5.0	1.2	ug/L			09/16/16 20:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/16/16 20:03	1
Acetone	7.3	J	10	3.0	ug/L			09/16/16 20:03	1
Benzene	ND		1.0	0.41	ug/L			09/16/16 20:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/16/16 20:03	1
Bromoform	ND		1.0	0.26	ug/L			09/16/16 20:03	1
Bromomethane	ND		1.0	0.69	ug/L			09/16/16 20:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/16/16 20:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/16/16 20:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/16/16 20:03	1
Chloroethane	ND		1.0	0.32	ug/L			09/16/16 20:03	1
Chloroform	ND		1.0	0.34	ug/L			09/16/16 20:03	1
Chloromethane	ND		1.0	0.35	ug/L			09/16/16 20:03	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/16/16 20:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/16/16 20:03	1
Cyclohexane	ND		1.0	0.18	ug/L			09/16/16 20:03	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/16/16 20:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/16/16 20:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/16/16 20:03	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/16/16 20:03	1
Methyl acetate	ND		2.5	1.3	ug/L			09/16/16 20:03	1
Methyl tert-butyl ether	0.58	J	1.0	0.16	ug/L			09/16/16 20:03	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/16/16 20:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/16/16 20:03	1
Styrene	ND		1.0	0.73	ug/L			09/16/16 20:03	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/16/16 20:03	1
Toluene	ND		1.0	0.51	ug/L			09/16/16 20:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/16/16 20:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/16/16 20:03	1
Trichloroethene	ND		1.0	0.46	ug/L			09/16/16 20:03	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/16/16 20:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/16/16 20:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/16/16 20:03	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E R-10_0916

Lab Sample ID: 480-105843-1

Date Collected: 09/12/16 12:37

Matrix: Ground Water

Date Received: 09/13/16 15:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		77 - 120		09/16/16 20:03	1
4-Bromofluorobenzene (Surr)	99		73 - 120		09/16/16 20:03	1
Toluene-d8 (Surr)	93		80 - 120		09/16/16 20:03	1
Dibromofluoromethane (Surr)	110		75 - 123		09/16/16 20:03	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		09/14/16 07:31	09/15/16 14:24	1
2,4,6-Trichlorophenol	ND		4.9	0.60	ug/L		09/14/16 07:31	09/15/16 14:24	1
2,4-Dichlorophenol	ND		4.9	0.50	ug/L		09/14/16 07:31	09/15/16 14:24	1
2,4-Dimethylphenol	ND		4.9	0.49	ug/L		09/14/16 07:31	09/15/16 14:24	1
2,4-Dinitrophenol	ND	*	9.9	2.2	ug/L		09/14/16 07:31	09/15/16 14:24	1
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L		09/14/16 07:31	09/15/16 14:24	1
2,6-Dinitrotoluene	ND		4.9	0.40	ug/L		09/14/16 07:31	09/15/16 14:24	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		09/14/16 07:31	09/15/16 14:24	1
2-Chlorophenol	ND		4.9	0.52	ug/L		09/14/16 07:31	09/15/16 14:24	1
2-Methylnaphthalene	ND		4.9	0.59	ug/L		09/14/16 07:31	09/15/16 14:24	1
2-Methylphenol	ND		4.9	0.40	ug/L		09/14/16 07:31	09/15/16 14:24	1
2-Nitroaniline	ND		9.9	0.41	ug/L		09/14/16 07:31	09/15/16 14:24	1
2-Nitrophenol	ND		4.9	0.47	ug/L		09/14/16 07:31	09/15/16 14:24	1
3,3'-Dichlorobenzidine	ND		4.9	0.40	ug/L		09/14/16 07:31	09/15/16 14:24	1
3-Nitroaniline	ND		9.9	0.47	ug/L		09/14/16 07:31	09/15/16 14:24	1
4,6-Dinitro-2-methylphenol	ND		9.9	2.2	ug/L		09/14/16 07:31	09/15/16 14:24	1
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L		09/14/16 07:31	09/15/16 14:24	1
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L		09/14/16 07:31	09/15/16 14:24	1
4-Chloroaniline	ND		4.9	0.58	ug/L		09/14/16 07:31	09/15/16 14:24	1
4-Chlorophenyl phenyl ether	ND		4.9	0.35	ug/L		09/14/16 07:31	09/15/16 14:24	1
4-Methylphenol	ND		9.9	0.36	ug/L		09/14/16 07:31	09/15/16 14:24	1
4-Nitroaniline	ND		9.9	0.25	ug/L		09/14/16 07:31	09/15/16 14:24	1
4-Nitrophenol	ND	*	9.9	1.5	ug/L		09/14/16 07:31	09/15/16 14:24	1
Acenaphthene	ND		4.9	0.40	ug/L		09/14/16 07:31	09/15/16 14:24	1
Acenaphthylene	ND		4.9	0.38	ug/L		09/14/16 07:31	09/15/16 14:24	1
Acetophenone	ND		4.9	0.53	ug/L		09/14/16 07:31	09/15/16 14:24	1
Aniline	ND		9.9	0.60	ug/L		09/14/16 07:31	09/15/16 14:24	1
Anthracene	ND		4.9	0.28	ug/L		09/14/16 07:31	09/15/16 14:24	1
Atrazine	ND		4.9	0.45	ug/L		09/14/16 07:31	09/15/16 14:24	1
Benzaldehyde	ND	*	4.9	0.26	ug/L		09/14/16 07:31	09/15/16 14:24	1
Benzo(a)anthracene	ND		4.9	0.36	ug/L		09/14/16 07:31	09/15/16 14:24	1
Benzo(a)pyrene	ND		4.9	0.46	ug/L		09/14/16 07:31	09/15/16 14:24	1
Benzo(b)fluoranthene	ND		4.9	0.34	ug/L		09/14/16 07:31	09/15/16 14:24	1
Benzo(g,h,i)perylene	ND		4.9	0.35	ug/L		09/14/16 07:31	09/15/16 14:24	1
Benzo(k)fluoranthene	ND		4.9	0.72	ug/L		09/14/16 07:31	09/15/16 14:24	1
Biphenyl	ND		4.9	0.65	ug/L		09/14/16 07:31	09/15/16 14:24	1
bis (2-chloroisopropyl) ether	ND		4.9	0.51	ug/L		09/14/16 07:31	09/15/16 14:24	1
Bis(2-chloroethoxy)methane	ND		4.9	0.35	ug/L		09/14/16 07:31	09/15/16 14:24	1
Bis(2-chloroethyl)ether	ND		4.9	0.40	ug/L		09/14/16 07:31	09/15/16 14:24	1
Bis(2-ethylhexyl) phthalate	ND		4.9	2.2	ug/L		09/14/16 07:31	09/15/16 14:24	1
Butyl benzyl phthalate	ND		4.9	0.99	ug/L		09/14/16 07:31	09/15/16 14:24	1
Caprolactam	ND		4.9	2.2	ug/L		09/14/16 07:31	09/15/16 14:24	1
Carbazole	ND		4.9	0.30	ug/L		09/14/16 07:31	09/15/16 14:24	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E R-10_0916

Lab Sample ID: 480-105843-1

Date Collected: 09/12/16 12:37

Matrix: Ground Water

Date Received: 09/13/16 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.9	0.33	ug/L		09/14/16 07:31	09/15/16 14:24	1
Dibenz(a,h)anthracene	ND		4.9	0.41	ug/L		09/14/16 07:31	09/15/16 14:24	1
Dibenzofuran	ND		9.9	0.50	ug/L		09/14/16 07:31	09/15/16 14:24	1
Diethyl phthalate	ND		4.9	0.22	ug/L		09/14/16 07:31	09/15/16 14:24	1
Dimethyl phthalate	ND		4.9	0.36	ug/L		09/14/16 07:31	09/15/16 14:24	1
Di-n-butyl phthalate	ND		4.9	0.31	ug/L		09/14/16 07:31	09/15/16 14:24	1
Di-n-octyl phthalate	ND		4.9	0.46	ug/L		09/14/16 07:31	09/15/16 14:24	1
Fluoranthene	ND		4.9	0.40	ug/L		09/14/16 07:31	09/15/16 14:24	1
Fluorene	ND		4.9	0.36	ug/L		09/14/16 07:31	09/15/16 14:24	1
Hexachlorobenzene	ND		4.9	0.50	ug/L		09/14/16 07:31	09/15/16 14:24	1
Hexachlorobutadiene	ND		4.9	0.67	ug/L		09/14/16 07:31	09/15/16 14:24	1
Hexachlorocyclopentadiene	ND		4.9	0.58	ug/L		09/14/16 07:31	09/15/16 14:24	1
Hexachloroethane	ND		4.9	0.58	ug/L		09/14/16 07:31	09/15/16 14:24	1
Indeno(1,2,3-cd)pyrene	ND		4.9	0.46	ug/L		09/14/16 07:31	09/15/16 14:24	1
Isophorone	ND		4.9	0.42	ug/L		09/14/16 07:31	09/15/16 14:24	1
Naphthalene	ND		4.9	0.75	ug/L		09/14/16 07:31	09/15/16 14:24	1
Nitrobenzene	ND		4.9	0.29	ug/L		09/14/16 07:31	09/15/16 14:24	1
N-Nitrosodi-n-propylamine	ND		4.9	0.53	ug/L		09/14/16 07:31	09/15/16 14:24	1
N-Nitrosodiphenylamine	ND		4.9	0.50	ug/L		09/14/16 07:31	09/15/16 14:24	1
Pentachlorophenol	ND		9.9	2.2	ug/L		09/14/16 07:31	09/15/16 14:24	1
Phenanthrene	ND		4.9	0.43	ug/L		09/14/16 07:31	09/15/16 14:24	1
Phenol	ND		4.9	0.39	ug/L		09/14/16 07:31	09/15/16 14:24	1
Pyrene	ND		4.9	0.34	ug/L		09/14/16 07:31	09/15/16 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	107		52 - 132	09/14/16 07:31	09/15/16 14:24	1
2-Fluorobiphenyl	74		48 - 120	09/14/16 07:31	09/15/16 14:24	1
2-Fluorophenol	55		20 - 120	09/14/16 07:31	09/15/16 14:24	1
Nitrobenzene-d5	77		46 - 120	09/14/16 07:31	09/15/16 14:24	1
Phenol-d5	41		16 - 120	09/14/16 07:31	09/15/16 14:24	1
p-Terphenyl-d14	69		67 - 150	09/14/16 07:31	09/15/16 14:24	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		09/15/16 08:50	09/18/16 10:23	1
Antimony	ND		0.020	0.0068	mg/L		09/15/16 08:50	09/18/16 10:23	1
Arsenic	ND		0.015	0.0056	mg/L		09/15/16 08:50	09/18/16 10:23	1
Barium	0.17		0.0020	0.00070	mg/L		09/15/16 08:50	09/18/16 10:23	1
Beryllium	ND		0.0020	0.00030	mg/L		09/15/16 08:50	09/18/16 10:23	1
Cadmium	0.00057	J	0.0020	0.00050	mg/L		09/15/16 08:50	09/18/16 10:23	1
Calcium	84.5		0.50	0.10	mg/L		09/15/16 08:50	09/18/16 10:23	1
Chromium	ND		0.0040	0.0010	mg/L		09/15/16 08:50	09/18/16 10:23	1
Cobalt	ND		0.0040	0.00063	mg/L		09/15/16 08:50	09/18/16 10:23	1
Copper	ND		0.010	0.0016	mg/L		09/15/16 08:50	09/18/16 10:23	1
Iron	9.2		0.050	0.019	mg/L		09/15/16 08:50	09/18/16 10:23	1
Lead	ND		0.010	0.0030	mg/L		09/15/16 08:50	09/18/16 10:23	1
Magnesium	35.4		0.20	0.043	mg/L		09/15/16 08:50	09/18/16 10:23	1
Manganese	0.078	B	0.0030	0.00040	mg/L		09/15/16 08:50	09/18/16 10:23	1
Nickel	ND		0.010	0.0013	mg/L		09/15/16 08:50	09/18/16 10:23	1
Potassium	3.6		0.50	0.10	mg/L		09/15/16 08:50	09/19/16 11:15	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E R-10_0916

Lab Sample ID: 480-105843-1

Date Collected: 09/12/16 12:37

Matrix: Ground Water

Date Received: 09/13/16 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/15/16 08:50	09/18/16 10:23	1
Silver	ND		0.0060	0.0017	mg/L		09/15/16 08:50	09/18/16 10:23	1
Sodium	128		1.0	0.32	mg/L		09/15/16 08:50	09/18/16 10:23	1
Thallium	ND		0.020	0.010	mg/L		09/15/16 08:50	09/18/16 10:23	1
Vanadium	ND		0.0050	0.0015	mg/L		09/15/16 08:50	09/18/16 10:23	1
Zinc	0.017		0.010	0.0015	mg/L		09/15/16 08:50	09/18/16 10:23	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/14/16 08:10	09/14/16 14:32	1

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E R-11_0916

Lab Sample ID: 480-105843-2

Date Collected: 09/12/16 11:55

Matrix: Ground Water

Date Received: 09/13/16 15:55

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			09/17/16 03:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/17/16 03:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/17/16 03:26	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/17/16 03:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/17/16 03:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/17/16 03:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/17/16 03:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/17/16 03:26	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/17/16 03:26	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/17/16 03:26	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/17/16 03:26	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/17/16 03:26	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/17/16 03:26	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/17/16 03:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/17/16 03:26	1
2-Hexanone	ND		5.0	1.2	ug/L			09/17/16 03:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/17/16 03:26	1
Acetone	3.4	J	10	3.0	ug/L			09/17/16 03:26	1
Benzene	ND		1.0	0.41	ug/L			09/17/16 03:26	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/17/16 03:26	1
Bromoform	ND		1.0	0.26	ug/L			09/17/16 03:26	1
Bromomethane	ND		1.0	0.69	ug/L			09/17/16 03:26	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/17/16 03:26	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/17/16 03:26	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/17/16 03:26	1
Chloroethane	ND		1.0	0.32	ug/L			09/17/16 03:26	1
Chloroform	ND		1.0	0.34	ug/L			09/17/16 03:26	1
Chloromethane	ND		1.0	0.35	ug/L			09/17/16 03:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/17/16 03:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/17/16 03:26	1
Cyclohexane	ND		1.0	0.18	ug/L			09/17/16 03:26	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/17/16 03:26	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/17/16 03:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/17/16 03:26	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/17/16 03:26	1
Methyl acetate	ND		2.5	1.3	ug/L			09/17/16 03:26	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/17/16 03:26	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/17/16 03:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/17/16 03:26	1
Styrene	ND		1.0	0.73	ug/L			09/17/16 03:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/17/16 03:26	1
Toluene	ND		1.0	0.51	ug/L			09/17/16 03:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/17/16 03:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/17/16 03:26	1
Trichloroethene	ND		1.0	0.46	ug/L			09/17/16 03:26	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/17/16 03:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/17/16 03:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/17/16 03:26	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E R-11_0916

Lab Sample ID: 480-105843-2

Date Collected: 09/12/16 11:55

Matrix: Ground Water

Date Received: 09/13/16 15:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		09/17/16 03:26	1
4-Bromofluorobenzene (Surr)	97		73 - 120		09/17/16 03:26	1
Toluene-d8 (Surr)	94		80 - 120		09/17/16 03:26	1
Dibromofluoromethane (Surr)	106		75 - 123		09/17/16 03:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		09/14/16 07:31	09/15/16 14:52	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		09/14/16 07:31	09/15/16 14:52	1
2,4-Dichlorophenol	ND		4.7	0.47	ug/L		09/14/16 07:31	09/15/16 14:52	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		09/14/16 07:31	09/15/16 14:52	1
2,4-Dinitrophenol	ND	*	9.3	2.1	ug/L		09/14/16 07:31	09/15/16 14:52	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		09/14/16 07:31	09/15/16 14:52	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 14:52	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		09/14/16 07:31	09/15/16 14:52	1
2-Chlorophenol	ND		4.7	0.49	ug/L		09/14/16 07:31	09/15/16 14:52	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		09/14/16 07:31	09/15/16 14:52	1
2-Methylphenol	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 14:52	1
2-Nitroaniline	ND		9.3	0.39	ug/L		09/14/16 07:31	09/15/16 14:52	1
2-Nitrophenol	ND		4.7	0.45	ug/L		09/14/16 07:31	09/15/16 14:52	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 14:52	1
3-Nitroaniline	ND		9.3	0.45	ug/L		09/14/16 07:31	09/15/16 14:52	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		09/14/16 07:31	09/15/16 14:52	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		09/14/16 07:31	09/15/16 14:52	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		09/14/16 07:31	09/15/16 14:52	1
4-Chloroaniline	ND		4.7	0.55	ug/L		09/14/16 07:31	09/15/16 14:52	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		09/14/16 07:31	09/15/16 14:52	1
4-Methylphenol	ND		9.3	0.34	ug/L		09/14/16 07:31	09/15/16 14:52	1
4-Nitroaniline	ND		9.3	0.23	ug/L		09/14/16 07:31	09/15/16 14:52	1
4-Nitrophenol	ND	*	9.3	1.4	ug/L		09/14/16 07:31	09/15/16 14:52	1
Acenaphthene	ND		4.7	0.38	ug/L		09/14/16 07:31	09/15/16 14:52	1
Acenaphthylene	ND		4.7	0.35	ug/L		09/14/16 07:31	09/15/16 14:52	1
Acetophenone	ND		4.7	0.50	ug/L		09/14/16 07:31	09/15/16 14:52	1
Aniline	ND		9.3	0.57	ug/L		09/14/16 07:31	09/15/16 14:52	1
Anthracene	ND		4.7	0.26	ug/L		09/14/16 07:31	09/15/16 14:52	1
Atrazine	ND		4.7	0.43	ug/L		09/14/16 07:31	09/15/16 14:52	1
Benzaldehyde	ND	*	4.7	0.25	ug/L		09/14/16 07:31	09/15/16 14:52	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		09/14/16 07:31	09/15/16 14:52	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		09/14/16 07:31	09/15/16 14:52	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		09/14/16 07:31	09/15/16 14:52	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		09/14/16 07:31	09/15/16 14:52	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		09/14/16 07:31	09/15/16 14:52	1
Biphenyl	ND		4.7	0.61	ug/L		09/14/16 07:31	09/15/16 14:52	1
bis (2-chloroisopropyl) ether	ND		4.7	0.48	ug/L		09/14/16 07:31	09/15/16 14:52	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		09/14/16 07:31	09/15/16 14:52	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 14:52	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.0	ug/L		09/14/16 07:31	09/15/16 14:52	1
Butyl benzyl phthalate	ND		4.7	0.93	ug/L		09/14/16 07:31	09/15/16 14:52	1
Caprolactam	ND		4.7	2.0	ug/L		09/14/16 07:31	09/15/16 14:52	1
Carbazole	ND		4.7	0.28	ug/L		09/14/16 07:31	09/15/16 14:52	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E R-11_0916

Lab Sample ID: 480-105843-2

Date Collected: 09/12/16 11:55

Matrix: Ground Water

Date Received: 09/13/16 15:55

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		09/14/16 07:31	09/15/16 14:52	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		09/14/16 07:31	09/15/16 14:52	1
Dibenzofuran	ND		9.3	0.47	ug/L		09/14/16 07:31	09/15/16 14:52	1
Diethyl phthalate	ND		4.7	0.20	ug/L		09/14/16 07:31	09/15/16 14:52	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		09/14/16 07:31	09/15/16 14:52	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		09/14/16 07:31	09/15/16 14:52	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		09/14/16 07:31	09/15/16 14:52	1
Fluoranthene	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 14:52	1
Fluorene	ND		4.7	0.34	ug/L		09/14/16 07:31	09/15/16 14:52	1
Hexachlorobenzene	ND		4.7	0.47	ug/L		09/14/16 07:31	09/15/16 14:52	1
Hexachlorobutadiene	ND		4.7	0.63	ug/L		09/14/16 07:31	09/15/16 14:52	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		09/14/16 07:31	09/15/16 14:52	1
Hexachloroethane	ND		4.7	0.55	ug/L		09/14/16 07:31	09/15/16 14:52	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		09/14/16 07:31	09/15/16 14:52	1
Isophorone	ND		4.7	0.40	ug/L		09/14/16 07:31	09/15/16 14:52	1
Naphthalene	ND		4.7	0.71	ug/L		09/14/16 07:31	09/15/16 14:52	1
Nitrobenzene	ND		4.7	0.27	ug/L		09/14/16 07:31	09/15/16 14:52	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		09/14/16 07:31	09/15/16 14:52	1
N-Nitrosodiphenylamine	ND		4.7	0.47	ug/L		09/14/16 07:31	09/15/16 14:52	1
Pentachlorophenol	ND		9.3	2.0	ug/L		09/14/16 07:31	09/15/16 14:52	1
Phenanthrene	ND		4.7	0.41	ug/L		09/14/16 07:31	09/15/16 14:52	1
Phenol	ND		4.7	0.36	ug/L		09/14/16 07:31	09/15/16 14:52	1
Pyrene	ND		4.7	0.32	ug/L		09/14/16 07:31	09/15/16 14:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	112		52 - 132	09/14/16 07:31	09/15/16 14:52	1
2-Fluorobiphenyl	80		48 - 120	09/14/16 07:31	09/15/16 14:52	1
2-Fluorophenol	54		20 - 120	09/14/16 07:31	09/15/16 14:52	1
Nitrobenzene-d5	75		46 - 120	09/14/16 07:31	09/15/16 14:52	1
Phenol-d5	43		16 - 120	09/14/16 07:31	09/15/16 14:52	1
p-Terphenyl-d14	79		67 - 150	09/14/16 07:31	09/15/16 14:52	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/15/16 08:50	09/18/16 10:26	1
Antimony	ND		0.020	0.0068	mg/L		09/15/16 08:50	09/18/16 10:26	1
Arsenic	ND		0.015	0.0056	mg/L		09/15/16 08:50	09/18/16 10:26	1
Barium	0.090		0.0020	0.00070	mg/L		09/15/16 08:50	09/18/16 10:26	1
Beryllium	ND		0.0020	0.00030	mg/L		09/15/16 08:50	09/18/16 10:26	1
Cadmium	ND		0.0020	0.00050	mg/L		09/15/16 08:50	09/18/16 10:26	1
Calcium	47.9		0.50	0.10	mg/L		09/15/16 08:50	09/18/16 10:26	1
Chromium	ND		0.0040	0.0010	mg/L		09/15/16 08:50	09/18/16 10:26	1
Cobalt	ND		0.0040	0.00063	mg/L		09/15/16 08:50	09/18/16 10:26	1
Copper	ND		0.010	0.0016	mg/L		09/15/16 08:50	09/18/16 10:26	1
Iron	1.1		0.050	0.019	mg/L		09/15/16 08:50	09/18/16 10:26	1
Lead	ND		0.010	0.0030	mg/L		09/15/16 08:50	09/18/16 10:26	1
Magnesium	16.0		0.20	0.043	mg/L		09/15/16 08:50	09/18/16 10:26	1
Manganese	0.010	B	0.0030	0.00040	mg/L		09/15/16 08:50	09/18/16 10:26	1
Nickel	ND		0.010	0.0013	mg/L		09/15/16 08:50	09/18/16 10:26	1
Potassium	3.9		0.50	0.10	mg/L		09/15/16 08:50	09/19/16 11:18	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E R-11_0916

Lab Sample ID: 480-105843-2

Date Collected: 09/12/16 11:55

Matrix: Ground Water

Date Received: 09/13/16 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/15/16 08:50	09/18/16 10:26	1
Silver	ND		0.0060	0.0017	mg/L		09/15/16 08:50	09/18/16 10:26	1
Sodium	17.6		1.0	0.32	mg/L		09/15/16 08:50	09/18/16 10:26	1
Thallium	ND		0.020	0.010	mg/L		09/15/16 08:50	09/18/16 10:26	1
Vanadium	ND		0.0050	0.0015	mg/L		09/15/16 08:50	09/18/16 10:26	1
Zinc	0.15		0.010	0.0015	mg/L		09/15/16 08:50	09/18/16 10:26	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/14/16 08:10	09/14/16 14:34	1

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-17_0916

Lab Sample ID: 480-105843-3

Date Collected: 09/12/16 14:15

Matrix: Ground Water

Date Received: 09/13/16 15:55

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			09/17/16 02:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/17/16 02:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/17/16 02:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/17/16 02:56	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/17/16 02:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/17/16 02:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/17/16 02:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/17/16 02:56	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/17/16 02:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/17/16 02:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/17/16 02:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/17/16 02:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/17/16 02:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/17/16 02:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/17/16 02:56	1
2-Hexanone	ND		5.0	1.2	ug/L			09/17/16 02:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/17/16 02:56	1
Acetone	ND		10	3.0	ug/L			09/17/16 02:56	1
Benzene	ND		1.0	0.41	ug/L			09/17/16 02:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/17/16 02:56	1
Bromoform	ND		1.0	0.26	ug/L			09/17/16 02:56	1
Bromomethane	ND		1.0	0.69	ug/L			09/17/16 02:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/17/16 02:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/17/16 02:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/17/16 02:56	1
Chloroethane	ND		1.0	0.32	ug/L			09/17/16 02:56	1
Chloroform	ND		1.0	0.34	ug/L			09/17/16 02:56	1
Chloromethane	ND		1.0	0.35	ug/L			09/17/16 02:56	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/17/16 02:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/17/16 02:56	1
Cyclohexane	ND		1.0	0.18	ug/L			09/17/16 02:56	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/17/16 02:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/17/16 02:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/17/16 02:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/17/16 02:56	1
Methyl acetate	ND		2.5	1.3	ug/L			09/17/16 02:56	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/17/16 02:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/17/16 02:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/17/16 02:56	1
Styrene	ND		1.0	0.73	ug/L			09/17/16 02:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/17/16 02:56	1
Toluene	ND		1.0	0.51	ug/L			09/17/16 02:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/17/16 02:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/17/16 02:56	1
Trichloroethene	ND		1.0	0.46	ug/L			09/17/16 02:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/17/16 02:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/17/16 02:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/17/16 02:56	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-17_0916

Lab Sample ID: 480-105843-3

Date Collected: 09/12/16 14:15

Matrix: Ground Water

Date Received: 09/13/16 15:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		09/17/16 02:56	1
4-Bromofluorobenzene (Surr)	93		73 - 120		09/17/16 02:56	1
Toluene-d8 (Surr)	94		80 - 120		09/17/16 02:56	1
Dibromofluoromethane (Surr)	105		75 - 123		09/17/16 02:56	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		09/14/16 07:31	09/15/16 15:21	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		09/14/16 07:31	09/15/16 15:21	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		09/14/16 07:31	09/15/16 15:21	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		09/14/16 07:31	09/15/16 15:21	1
2,4-Dinitrophenol	ND	*	9.3	2.1	ug/L		09/14/16 07:31	09/15/16 15:21	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		09/14/16 07:31	09/15/16 15:21	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 15:21	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		09/14/16 07:31	09/15/16 15:21	1
2-Chlorophenol	ND		4.7	0.50	ug/L		09/14/16 07:31	09/15/16 15:21	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		09/14/16 07:31	09/15/16 15:21	1
2-Methylphenol	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 15:21	1
2-Nitroaniline	ND		9.3	0.39	ug/L		09/14/16 07:31	09/15/16 15:21	1
2-Nitrophenol	ND		4.7	0.45	ug/L		09/14/16 07:31	09/15/16 15:21	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 15:21	1
3-Nitroaniline	ND		9.3	0.45	ug/L		09/14/16 07:31	09/15/16 15:21	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.1	ug/L		09/14/16 07:31	09/15/16 15:21	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		09/14/16 07:31	09/15/16 15:21	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		09/14/16 07:31	09/15/16 15:21	1
4-Chloroaniline	ND		4.7	0.55	ug/L		09/14/16 07:31	09/15/16 15:21	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		09/14/16 07:31	09/15/16 15:21	1
4-Methylphenol	ND		9.3	0.34	ug/L		09/14/16 07:31	09/15/16 15:21	1
4-Nitroaniline	ND		9.3	0.23	ug/L		09/14/16 07:31	09/15/16 15:21	1
4-Nitrophenol	ND	*	9.3	1.4	ug/L		09/14/16 07:31	09/15/16 15:21	1
Acenaphthene	ND		4.7	0.38	ug/L		09/14/16 07:31	09/15/16 15:21	1
Acenaphthylene	ND		4.7	0.36	ug/L		09/14/16 07:31	09/15/16 15:21	1
Acetophenone	ND		4.7	0.50	ug/L		09/14/16 07:31	09/15/16 15:21	1
Aniline	ND		9.3	0.57	ug/L		09/14/16 07:31	09/15/16 15:21	1
Anthracene	ND		4.7	0.26	ug/L		09/14/16 07:31	09/15/16 15:21	1
Atrazine	ND		4.7	0.43	ug/L		09/14/16 07:31	09/15/16 15:21	1
Benzaldehyde	ND	*	4.7	0.25	ug/L		09/14/16 07:31	09/15/16 15:21	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		09/14/16 07:31	09/15/16 15:21	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		09/14/16 07:31	09/15/16 15:21	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		09/14/16 07:31	09/15/16 15:21	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		09/14/16 07:31	09/15/16 15:21	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		09/14/16 07:31	09/15/16 15:21	1
Biphenyl	ND		4.7	0.61	ug/L		09/14/16 07:31	09/15/16 15:21	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		09/14/16 07:31	09/15/16 15:21	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		09/14/16 07:31	09/15/16 15:21	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 15:21	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		09/14/16 07:31	09/15/16 15:21	1
Butyl benzyl phthalate	ND		4.7	0.93	ug/L		09/14/16 07:31	09/15/16 15:21	1
Caprolactam	ND		4.7	2.1	ug/L		09/14/16 07:31	09/15/16 15:21	1
Carbazole	ND		4.7	0.28	ug/L		09/14/16 07:31	09/15/16 15:21	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-17_0916

Lab Sample ID: 480-105843-3

Date Collected: 09/12/16 14:15

Matrix: Ground Water

Date Received: 09/13/16 15:55

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		09/14/16 07:31	09/15/16 15:21	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		09/14/16 07:31	09/15/16 15:21	1
Dibenzofuran	ND		9.3	0.48	ug/L		09/14/16 07:31	09/15/16 15:21	1
Diethyl phthalate	ND		4.7	0.21	ug/L		09/14/16 07:31	09/15/16 15:21	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		09/14/16 07:31	09/15/16 15:21	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		09/14/16 07:31	09/15/16 15:21	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		09/14/16 07:31	09/15/16 15:21	1
Fluoranthene	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 15:21	1
Fluorene	ND		4.7	0.34	ug/L		09/14/16 07:31	09/15/16 15:21	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		09/14/16 07:31	09/15/16 15:21	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		09/14/16 07:31	09/15/16 15:21	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		09/14/16 07:31	09/15/16 15:21	1
Hexachloroethane	ND		4.7	0.55	ug/L		09/14/16 07:31	09/15/16 15:21	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		09/14/16 07:31	09/15/16 15:21	1
Isophorone	ND		4.7	0.40	ug/L		09/14/16 07:31	09/15/16 15:21	1
Naphthalene	ND		4.7	0.71	ug/L		09/14/16 07:31	09/15/16 15:21	1
Nitrobenzene	ND		4.7	0.27	ug/L		09/14/16 07:31	09/15/16 15:21	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		09/14/16 07:31	09/15/16 15:21	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		09/14/16 07:31	09/15/16 15:21	1
Pentachlorophenol	ND		9.3	2.1	ug/L		09/14/16 07:31	09/15/16 15:21	1
Phenanthrene	ND		4.7	0.41	ug/L		09/14/16 07:31	09/15/16 15:21	1
Phenol	ND		4.7	0.36	ug/L		09/14/16 07:31	09/15/16 15:21	1
Pyrene	ND		4.7	0.32	ug/L		09/14/16 07:31	09/15/16 15:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	90		52 - 132	09/14/16 07:31	09/15/16 15:21	1
2-Fluorobiphenyl	65		48 - 120	09/14/16 07:31	09/15/16 15:21	1
2-Fluorophenol	43		20 - 120	09/14/16 07:31	09/15/16 15:21	1
Nitrobenzene-d5	62		46 - 120	09/14/16 07:31	09/15/16 15:21	1
Phenol-d5	36		16 - 120	09/14/16 07:31	09/15/16 15:21	1
p-Terphenyl-d14	64	X	67 - 150	09/14/16 07:31	09/15/16 15:21	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/15/16 08:50	09/18/16 10:29	1
Antimony	ND		0.020	0.0068	mg/L		09/15/16 08:50	09/18/16 10:29	1
Arsenic	ND		0.015	0.0056	mg/L		09/15/16 08:50	09/18/16 10:29	1
Barium	0.036		0.0020	0.00070	mg/L		09/15/16 08:50	09/18/16 10:29	1
Beryllium	ND		0.0020	0.00030	mg/L		09/15/16 08:50	09/18/16 10:29	1
Cadmium	ND		0.0020	0.00050	mg/L		09/15/16 08:50	09/18/16 10:29	1
Calcium	192		0.50	0.10	mg/L		09/15/16 08:50	09/18/16 10:29	1
Chromium	0.0023	J	0.0040	0.0010	mg/L		09/15/16 08:50	09/18/16 10:29	1
Cobalt	ND		0.0040	0.00063	mg/L		09/15/16 08:50	09/18/16 10:29	1
Copper	ND		0.010	0.0016	mg/L		09/15/16 08:50	09/18/16 10:29	1
Iron	ND		0.050	0.019	mg/L		09/15/16 08:50	09/18/16 10:29	1
Lead	ND		0.010	0.0030	mg/L		09/15/16 08:50	09/18/16 10:29	1
Magnesium	39.2		0.20	0.043	mg/L		09/15/16 08:50	09/18/16 10:29	1
Manganese	0.023	B	0.0030	0.00040	mg/L		09/15/16 08:50	09/18/16 10:29	1
Nickel	0.0048	J	0.010	0.0013	mg/L		09/15/16 08:50	09/18/16 10:29	1
Potassium	1.5		0.50	0.10	mg/L		09/15/16 08:50	09/19/16 11:21	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-17_0916

Lab Sample ID: 480-105843-3

Date Collected: 09/12/16 14:15

Matrix: Ground Water

Date Received: 09/13/16 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/15/16 08:50	09/18/16 10:29	1
Silver	ND		0.0060	0.0017	mg/L		09/15/16 08:50	09/18/16 10:29	1
Sodium	20.6		1.0	0.32	mg/L		09/15/16 08:50	09/18/16 10:29	1
Thallium	ND		0.020	0.010	mg/L		09/15/16 08:50	09/18/16 10:29	1
Vanadium	ND		0.0050	0.0015	mg/L		09/15/16 08:50	09/18/16 10:29	1
Zinc	0.0037	J	0.010	0.0015	mg/L		09/15/16 08:50	09/18/16 10:29	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/14/16 08:10	09/14/16 14:36	1

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-29_0916

Lab Sample ID: 480-105843-4

Date Collected: 09/12/16 09:25

Matrix: Ground Water

Date Received: 09/13/16 15:55

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			09/17/16 03:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/17/16 03:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/17/16 03:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/17/16 03:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/17/16 03:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/17/16 03:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/17/16 03:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/17/16 03:55	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/17/16 03:55	1
1,2-Dichlorobenzene	3.1		1.0	0.79	ug/L			09/17/16 03:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/17/16 03:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/17/16 03:55	1
1,3-Dichlorobenzene	1.1		1.0	0.78	ug/L			09/17/16 03:55	1
1,4-Dichlorobenzene	5.3		1.0	0.84	ug/L			09/17/16 03:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/17/16 03:55	1
2-Hexanone	ND		5.0	1.2	ug/L			09/17/16 03:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/17/16 03:55	1
Acetone	ND		10	3.0	ug/L			09/17/16 03:55	1
Benzene	ND		1.0	0.41	ug/L			09/17/16 03:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/17/16 03:55	1
Bromoform	ND		1.0	0.26	ug/L			09/17/16 03:55	1
Bromomethane	ND		1.0	0.69	ug/L			09/17/16 03:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/17/16 03:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/17/16 03:55	1
Chlorobenzene	18		1.0	0.75	ug/L			09/17/16 03:55	1
Chloroethane	ND		1.0	0.32	ug/L			09/17/16 03:55	1
Chloroform	ND		1.0	0.34	ug/L			09/17/16 03:55	1
Chloromethane	ND		1.0	0.35	ug/L			09/17/16 03:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/17/16 03:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/17/16 03:55	1
Cyclohexane	ND		1.0	0.18	ug/L			09/17/16 03:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/17/16 03:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/17/16 03:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/17/16 03:55	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/17/16 03:55	1
Methyl acetate	ND		2.5	1.3	ug/L			09/17/16 03:55	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/17/16 03:55	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/17/16 03:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/17/16 03:55	1
Styrene	ND		1.0	0.73	ug/L			09/17/16 03:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/17/16 03:55	1
Toluene	ND		1.0	0.51	ug/L			09/17/16 03:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/17/16 03:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/17/16 03:55	1
Trichloroethene	ND		1.0	0.46	ug/L			09/17/16 03:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/17/16 03:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/17/16 03:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/17/16 03:55	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-29_0916

Lab Sample ID: 480-105843-4

Date Collected: 09/12/16 09:25

Matrix: Ground Water

Date Received: 09/13/16 15:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		09/17/16 03:55	1
4-Bromofluorobenzene (Surr)	94		73 - 120		09/17/16 03:55	1
Toluene-d8 (Surr)	94		80 - 120		09/17/16 03:55	1
Dibromofluoromethane (Surr)	102		75 - 123		09/17/16 03:55	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		09/14/16 07:31	09/15/16 15:49	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		09/14/16 07:31	09/15/16 15:49	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		09/14/16 07:31	09/15/16 15:49	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		09/14/16 07:31	09/15/16 15:49	1
2,4-Dinitrophenol	ND	*	9.3	2.1	ug/L		09/14/16 07:31	09/15/16 15:49	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		09/14/16 07:31	09/15/16 15:49	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 15:49	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		09/14/16 07:31	09/15/16 15:49	1
2-Chlorophenol	ND		4.7	0.49	ug/L		09/14/16 07:31	09/15/16 15:49	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		09/14/16 07:31	09/15/16 15:49	1
2-Methylphenol	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 15:49	1
2-Nitroaniline	ND		9.3	0.39	ug/L		09/14/16 07:31	09/15/16 15:49	1
2-Nitrophenol	ND		4.7	0.45	ug/L		09/14/16 07:31	09/15/16 15:49	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 15:49	1
3-Nitroaniline	ND		9.3	0.45	ug/L		09/14/16 07:31	09/15/16 15:49	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.1	ug/L		09/14/16 07:31	09/15/16 15:49	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		09/14/16 07:31	09/15/16 15:49	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		09/14/16 07:31	09/15/16 15:49	1
4-Chloroaniline	ND		4.7	0.55	ug/L		09/14/16 07:31	09/15/16 15:49	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		09/14/16 07:31	09/15/16 15:49	1
4-Methylphenol	ND		9.3	0.34	ug/L		09/14/16 07:31	09/15/16 15:49	1
4-Nitroaniline	ND		9.3	0.23	ug/L		09/14/16 07:31	09/15/16 15:49	1
4-Nitrophenol	ND	*	9.3	1.4	ug/L		09/14/16 07:31	09/15/16 15:49	1
Acenaphthene	ND		4.7	0.38	ug/L		09/14/16 07:31	09/15/16 15:49	1
Acenaphthylene	ND		4.7	0.35	ug/L		09/14/16 07:31	09/15/16 15:49	1
Acetophenone	ND		4.7	0.50	ug/L		09/14/16 07:31	09/15/16 15:49	1
Aniline	0.58	J	9.3	0.57	ug/L		09/14/16 07:31	09/15/16 15:49	1
Anthracene	ND		4.7	0.26	ug/L		09/14/16 07:31	09/15/16 15:49	1
Atrazine	ND		4.7	0.43	ug/L		09/14/16 07:31	09/15/16 15:49	1
Benzaldehyde	ND	*	4.7	0.25	ug/L		09/14/16 07:31	09/15/16 15:49	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		09/14/16 07:31	09/15/16 15:49	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		09/14/16 07:31	09/15/16 15:49	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		09/14/16 07:31	09/15/16 15:49	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		09/14/16 07:31	09/15/16 15:49	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		09/14/16 07:31	09/15/16 15:49	1
Biphenyl	ND		4.7	0.61	ug/L		09/14/16 07:31	09/15/16 15:49	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		09/14/16 07:31	09/15/16 15:49	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		09/14/16 07:31	09/15/16 15:49	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 15:49	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		09/14/16 07:31	09/15/16 15:49	1
Butyl benzyl phthalate	ND		4.7	0.93	ug/L		09/14/16 07:31	09/15/16 15:49	1
Caprolactam	ND		4.7	2.1	ug/L		09/14/16 07:31	09/15/16 15:49	1
Carbazole	ND		4.7	0.28	ug/L		09/14/16 07:31	09/15/16 15:49	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-29_0916

Lab Sample ID: 480-105843-4

Date Collected: 09/12/16 09:25

Matrix: Ground Water

Date Received: 09/13/16 15:55

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		09/14/16 07:31	09/15/16 15:49	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		09/14/16 07:31	09/15/16 15:49	1
Dibenzofuran	ND		9.3	0.48	ug/L		09/14/16 07:31	09/15/16 15:49	1
Diethyl phthalate	ND		4.7	0.21	ug/L		09/14/16 07:31	09/15/16 15:49	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		09/14/16 07:31	09/15/16 15:49	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		09/14/16 07:31	09/15/16 15:49	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		09/14/16 07:31	09/15/16 15:49	1
Fluoranthene	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 15:49	1
Fluorene	ND		4.7	0.34	ug/L		09/14/16 07:31	09/15/16 15:49	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		09/14/16 07:31	09/15/16 15:49	1
Hexachlorobutadiene	ND		4.7	0.63	ug/L		09/14/16 07:31	09/15/16 15:49	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		09/14/16 07:31	09/15/16 15:49	1
Hexachloroethane	ND		4.7	0.55	ug/L		09/14/16 07:31	09/15/16 15:49	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		09/14/16 07:31	09/15/16 15:49	1
Isophorone	ND		4.7	0.40	ug/L		09/14/16 07:31	09/15/16 15:49	1
Naphthalene	ND		4.7	0.71	ug/L		09/14/16 07:31	09/15/16 15:49	1
Nitrobenzene	ND		4.7	0.27	ug/L		09/14/16 07:31	09/15/16 15:49	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		09/14/16 07:31	09/15/16 15:49	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		09/14/16 07:31	09/15/16 15:49	1
Pentachlorophenol	ND		9.3	2.1	ug/L		09/14/16 07:31	09/15/16 15:49	1
Phenanthrene	ND		4.7	0.41	ug/L		09/14/16 07:31	09/15/16 15:49	1
Phenol	ND		4.7	0.36	ug/L		09/14/16 07:31	09/15/16 15:49	1
Pyrene	ND		4.7	0.32	ug/L		09/14/16 07:31	09/15/16 15:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	115		52 - 132	09/14/16 07:31	09/15/16 15:49	1
2-Fluorobiphenyl	85		48 - 120	09/14/16 07:31	09/15/16 15:49	1
2-Fluorophenol	65		20 - 120	09/14/16 07:31	09/15/16 15:49	1
Nitrobenzene-d5	86		46 - 120	09/14/16 07:31	09/15/16 15:49	1
Phenol-d5	48		16 - 120	09/14/16 07:31	09/15/16 15:49	1
p-Terphenyl-d14	90		67 - 150	09/14/16 07:31	09/15/16 15:49	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/15/16 08:50	09/18/16 10:33	1
Antimony	ND		0.020	0.0068	mg/L		09/15/16 08:50	09/18/16 10:33	1
Arsenic	0.015		0.015	0.0056	mg/L		09/15/16 08:50	09/18/16 10:33	1
Barium	0.15		0.0020	0.00070	mg/L		09/15/16 08:50	09/18/16 10:33	1
Beryllium	ND		0.0020	0.00030	mg/L		09/15/16 08:50	09/18/16 10:33	1
Cadmium	ND		0.0020	0.00050	mg/L		09/15/16 08:50	09/18/16 10:33	1
Calcium	85.8		0.50	0.10	mg/L		09/15/16 08:50	09/18/16 10:33	1
Chromium	ND		0.0040	0.0010	mg/L		09/15/16 08:50	09/18/16 10:33	1
Cobalt	ND		0.0040	0.00063	mg/L		09/15/16 08:50	09/18/16 10:33	1
Copper	ND		0.010	0.0016	mg/L		09/15/16 08:50	09/18/16 10:33	1
Iron	0.024	J	0.050	0.019	mg/L		09/15/16 08:50	09/18/16 10:33	1
Lead	ND		0.010	0.0030	mg/L		09/15/16 08:50	09/18/16 10:33	1
Magnesium	14.2		0.20	0.043	mg/L		09/15/16 08:50	09/18/16 10:33	1
Manganese	0.073	B	0.0030	0.00040	mg/L		09/15/16 08:50	09/18/16 10:33	1
Nickel	ND		0.010	0.0013	mg/L		09/15/16 08:50	09/18/16 10:33	1
Potassium	4.7		0.50	0.10	mg/L		09/15/16 08:50	09/19/16 11:25	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-29_0916

Lab Sample ID: 480-105843-4

Date Collected: 09/12/16 09:25

Matrix: Ground Water

Date Received: 09/13/16 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/15/16 08:50	09/18/16 10:33	1
Silver	ND		0.0060	0.0017	mg/L		09/15/16 08:50	09/18/16 10:33	1
Sodium	136		1.0	0.32	mg/L		09/15/16 08:50	09/18/16 10:33	1
Thallium	ND		0.020	0.010	mg/L		09/15/16 08:50	09/18/16 10:33	1
Vanadium	ND		0.0050	0.0015	mg/L		09/15/16 08:50	09/18/16 10:33	1
Zinc	0.0081	J	0.010	0.0015	mg/L		09/15/16 08:50	09/18/16 10:33	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/14/16 08:10	09/14/16 14:41	1

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-32_0916

Lab Sample ID: 480-105843-5

Date Collected: 09/12/16 10:20

Matrix: Ground Water

Date Received: 09/13/16 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			09/17/16 04:25	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			09/17/16 04:25	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			09/17/16 04:25	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			09/17/16 04:25	20
1,1-Dichloroethane	ND		20	7.6	ug/L			09/17/16 04:25	20
1,1-Dichloroethene	ND		20	5.8	ug/L			09/17/16 04:25	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			09/17/16 04:25	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			09/17/16 04:25	20
1,2-Dibromoethane	ND		20	15	ug/L			09/17/16 04:25	20
1,2-Dichlorobenzene	ND		20	16	ug/L			09/17/16 04:25	20
1,2-Dichloroethane	ND		20	4.2	ug/L			09/17/16 04:25	20
1,2-Dichloropropane	ND		20	14	ug/L			09/17/16 04:25	20
1,3-Dichlorobenzene	ND		20	16	ug/L			09/17/16 04:25	20
1,4-Dichlorobenzene	ND		20	17	ug/L			09/17/16 04:25	20
2-Butanone (MEK)	ND		200	26	ug/L			09/17/16 04:25	20
2-Hexanone	ND		100	25	ug/L			09/17/16 04:25	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			09/17/16 04:25	20
Acetone	ND		200	60	ug/L			09/17/16 04:25	20
Benzene	ND		20	8.2	ug/L			09/17/16 04:25	20
Bromodichloromethane	ND		20	7.8	ug/L			09/17/16 04:25	20
Bromoform	ND		20	5.2	ug/L			09/17/16 04:25	20
Bromomethane	ND		20	14	ug/L			09/17/16 04:25	20
Carbon disulfide	ND		20	3.8	ug/L			09/17/16 04:25	20
Carbon tetrachloride	ND		20	5.4	ug/L			09/17/16 04:25	20
Chloroethane	ND		20	6.4	ug/L			09/17/16 04:25	20
Chloroform	ND		20	6.8	ug/L			09/17/16 04:25	20
Chloromethane	ND		20	7.0	ug/L			09/17/16 04:25	20
cis-1,2-Dichloroethene	ND		20	16	ug/L			09/17/16 04:25	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			09/17/16 04:25	20
Cyclohexane	ND		20	3.6	ug/L			09/17/16 04:25	20
Dibromochloromethane	ND		20	6.4	ug/L			09/17/16 04:25	20
Dichlorodifluoromethane	ND		20	14	ug/L			09/17/16 04:25	20
Ethylbenzene	ND		20	15	ug/L			09/17/16 04:25	20
Isopropylbenzene	ND		20	16	ug/L			09/17/16 04:25	20
Methyl acetate	ND		50	26	ug/L			09/17/16 04:25	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			09/17/16 04:25	20
Methylcyclohexane	ND		20	3.2	ug/L			09/17/16 04:25	20
Methylene Chloride	ND		20	8.8	ug/L			09/17/16 04:25	20
Styrene	ND		20	15	ug/L			09/17/16 04:25	20
Tetrachloroethene	ND		20	7.2	ug/L			09/17/16 04:25	20
Toluene	ND		20	10	ug/L			09/17/16 04:25	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			09/17/16 04:25	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			09/17/16 04:25	20
Trichloroethene	ND		20	9.2	ug/L			09/17/16 04:25	20
Trichlorofluoromethane	ND		20	18	ug/L			09/17/16 04:25	20
Vinyl chloride	ND		20	18	ug/L			09/17/16 04:25	20
Xylenes, Total	ND		40	13	ug/L			09/17/16 04:25	20

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-32_0916

Lab Sample ID: 480-105843-5

Date Collected: 09/12/16 10:20

Matrix: Ground Water

Date Received: 09/13/16 15:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		09/17/16 04:25	20
4-Bromofluorobenzene (Surr)	98		73 - 120		09/17/16 04:25	20
Toluene-d8 (Surr)	92		80 - 120		09/17/16 04:25	20
Dibromofluoromethane (Surr)	108		75 - 123		09/17/16 04:25	20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	3500		40	30	ug/L			09/17/16 12:38	40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		09/17/16 12:38	40
4-Bromofluorobenzene (Surr)	97		73 - 120		09/17/16 12:38	40
Toluene-d8 (Surr)	92		80 - 120		09/17/16 12:38	40
Dibromofluoromethane (Surr)	93		75 - 123		09/17/16 12:38	40

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		09/14/16 07:31	09/15/16 16:18	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		09/14/16 07:31	09/15/16 16:18	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		09/14/16 07:31	09/15/16 16:18	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		09/14/16 07:31	09/15/16 16:18	1
2,4-Dinitrophenol	ND *		9.6	2.1	ug/L		09/14/16 07:31	09/15/16 16:18	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		09/14/16 07:31	09/15/16 16:18	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		09/14/16 07:31	09/15/16 16:18	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		09/14/16 07:31	09/15/16 16:18	1
2-Chlorophenol	21		4.8	0.51	ug/L		09/14/16 07:31	09/15/16 16:18	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		09/14/16 07:31	09/15/16 16:18	1
2-Methylphenol	ND		4.8	0.38	ug/L		09/14/16 07:31	09/15/16 16:18	1
2-Nitroaniline	ND		9.6	0.40	ug/L		09/14/16 07:31	09/15/16 16:18	1
2-Nitrophenol	ND		4.8	0.46	ug/L		09/14/16 07:31	09/15/16 16:18	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		09/14/16 07:31	09/15/16 16:18	1
3-Nitroaniline	ND		9.6	0.46	ug/L		09/14/16 07:31	09/15/16 16:18	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		09/14/16 07:31	09/15/16 16:18	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		09/14/16 07:31	09/15/16 16:18	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		09/14/16 07:31	09/15/16 16:18	1
4-Chloroaniline	ND		4.8	0.57	ug/L		09/14/16 07:31	09/15/16 16:18	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		09/14/16 07:31	09/15/16 16:18	1
4-Methylphenol	ND		9.6	0.35	ug/L		09/14/16 07:31	09/15/16 16:18	1
4-Nitroaniline	ND		9.6	0.24	ug/L		09/14/16 07:31	09/15/16 16:18	1
4-Nitrophenol	ND *		9.6	1.5	ug/L		09/14/16 07:31	09/15/16 16:18	1
Acenaphthene	ND		4.8	0.39	ug/L		09/14/16 07:31	09/15/16 16:18	1
Acenaphthylene	ND		4.8	0.37	ug/L		09/14/16 07:31	09/15/16 16:18	1
Acetophenone	ND		4.8	0.52	ug/L		09/14/16 07:31	09/15/16 16:18	1
Aniline	ND		9.6	0.59	ug/L		09/14/16 07:31	09/15/16 16:18	1
Anthracene	ND		4.8	0.27	ug/L		09/14/16 07:31	09/15/16 16:18	1
Atrazine	ND		4.8	0.44	ug/L		09/14/16 07:31	09/15/16 16:18	1
Benzaldehyde	ND *		4.8	0.26	ug/L		09/14/16 07:31	09/15/16 16:18	1
Benzo(a)anthracene	ND		4.8	0.35	ug/L		09/14/16 07:31	09/15/16 16:18	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		09/14/16 07:31	09/15/16 16:18	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		09/14/16 07:31	09/15/16 16:18	1
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		09/14/16 07:31	09/15/16 16:18	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-32_0916

Lab Sample ID: 480-105843-5

Date Collected: 09/12/16 10:20

Matrix: Ground Water

Date Received: 09/13/16 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		09/14/16 07:31	09/15/16 16:18	1
Biphenyl	ND		4.8	0.63	ug/L		09/14/16 07:31	09/15/16 16:18	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		09/14/16 07:31	09/15/16 16:18	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		09/14/16 07:31	09/15/16 16:18	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		09/14/16 07:31	09/15/16 16:18	1
Bis(2-ethylhexyl) phthalate	ND		4.8	2.1	ug/L		09/14/16 07:31	09/15/16 16:18	1
Butyl benzyl phthalate	ND		4.8	0.96	ug/L		09/14/16 07:31	09/15/16 16:18	1
Caprolactam	ND		4.8	2.1	ug/L		09/14/16 07:31	09/15/16 16:18	1
Carbazole	ND		4.8	0.29	ug/L		09/14/16 07:31	09/15/16 16:18	1
Chrysene	ND		4.8	0.32	ug/L		09/14/16 07:31	09/15/16 16:18	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		09/14/16 07:31	09/15/16 16:18	1
Dibenzofuran	ND		9.6	0.49	ug/L		09/14/16 07:31	09/15/16 16:18	1
Diethyl phthalate	ND		4.8	0.21	ug/L		09/14/16 07:31	09/15/16 16:18	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		09/14/16 07:31	09/15/16 16:18	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		09/14/16 07:31	09/15/16 16:18	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		09/14/16 07:31	09/15/16 16:18	1
Fluoranthene	ND		4.8	0.38	ug/L		09/14/16 07:31	09/15/16 16:18	1
Fluorene	ND		4.8	0.35	ug/L		09/14/16 07:31	09/15/16 16:18	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		09/14/16 07:31	09/15/16 16:18	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		09/14/16 07:31	09/15/16 16:18	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		09/14/16 07:31	09/15/16 16:18	1
Hexachloroethane	ND		4.8	0.57	ug/L		09/14/16 07:31	09/15/16 16:18	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		09/14/16 07:31	09/15/16 16:18	1
Isophorone	ND		4.8	0.41	ug/L		09/14/16 07:31	09/15/16 16:18	1
Naphthalene	ND		4.8	0.73	ug/L		09/14/16 07:31	09/15/16 16:18	1
Nitrobenzene	ND		4.8	0.28	ug/L		09/14/16 07:31	09/15/16 16:18	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		09/14/16 07:31	09/15/16 16:18	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		09/14/16 07:31	09/15/16 16:18	1
Pentachlorophenol	ND		9.6	2.1	ug/L		09/14/16 07:31	09/15/16 16:18	1
Phenanthrene	ND		4.8	0.42	ug/L		09/14/16 07:31	09/15/16 16:18	1
Phenol	ND		4.8	0.37	ug/L		09/14/16 07:31	09/15/16 16:18	1
Pyrene	ND		4.8	0.33	ug/L		09/14/16 07:31	09/15/16 16:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	93		52 - 132	09/14/16 07:31	09/15/16 16:18	1
2-Fluorobiphenyl	66		48 - 120	09/14/16 07:31	09/15/16 16:18	1
2-Fluorophenol	46		20 - 120	09/14/16 07:31	09/15/16 16:18	1
Nitrobenzene-d5	62		46 - 120	09/14/16 07:31	09/15/16 16:18	1
Phenol-d5	34		16 - 120	09/14/16 07:31	09/15/16 16:18	1
p-Terphenyl-d14	59	X	67 - 150	09/14/16 07:31	09/15/16 16:18	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		09/15/16 08:50	09/18/16 10:36	1
Antimony	ND		0.020	0.0068	mg/L		09/15/16 08:50	09/18/16 10:36	1
Arsenic	0.030		0.015	0.0056	mg/L		09/15/16 08:50	09/18/16 10:36	1
Barium	0.035		0.0020	0.00070	mg/L		09/15/16 08:50	09/18/16 10:36	1
Beryllium	ND		0.0020	0.00030	mg/L		09/15/16 08:50	09/18/16 10:36	1
Cadmium	0.00052	J	0.0020	0.00050	mg/L		09/15/16 08:50	09/18/16 10:36	1
Calcium	302		0.50	0.10	mg/L		09/15/16 08:50	09/18/16 10:36	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-32_0916

Lab Sample ID: 480-105843-5

Date Collected: 09/12/16 10:20

Matrix: Ground Water

Date Received: 09/13/16 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		09/15/16 08:50	09/18/16 10:36	1
Cobalt	0.0049		0.0040	0.00063	mg/L		09/15/16 08:50	09/18/16 10:36	1
Copper	ND		0.010	0.0016	mg/L		09/15/16 08:50	09/18/16 10:36	1
Iron	16.8		0.050	0.019	mg/L		09/15/16 08:50	09/18/16 10:36	1
Lead	ND		0.010	0.0030	mg/L		09/15/16 08:50	09/18/16 10:36	1
Magnesium	105		0.20	0.043	mg/L		09/15/16 08:50	09/18/16 10:36	1
Manganese	1.7 B		0.0030	0.00040	mg/L		09/15/16 08:50	09/18/16 10:36	1
Nickel	0.0075 J		0.010	0.0013	mg/L		09/15/16 08:50	09/18/16 10:36	1
Potassium	2.1		0.50	0.10	mg/L		09/15/16 08:50	09/19/16 11:28	1
Selenium	ND		0.025	0.0087	mg/L		09/15/16 08:50	09/18/16 10:36	1
Silver	ND		0.0060	0.0017	mg/L		09/15/16 08:50	09/18/16 10:36	1
Sodium	79.3		1.0	0.32	mg/L		09/15/16 08:50	09/18/16 10:36	1
Thallium	ND		0.020	0.010	mg/L		09/15/16 08:50	09/18/16 10:36	1
Vanadium	ND		0.0050	0.0015	mg/L		09/15/16 08:50	09/18/16 10:36	1
Zinc	0.0058 J		0.010	0.0015	mg/L		09/15/16 08:50	09/18/16 10:36	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/14/16 08:10	09/14/16 14:43	1

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-33_0916

Lab Sample ID: 480-105843-6

Date Collected: 09/12/16 15:07

Matrix: Ground Water

Date Received: 09/13/16 15:55

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			09/17/16 04:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/17/16 04:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/17/16 04:54	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/17/16 04:54	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/17/16 04:54	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/17/16 04:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/17/16 04:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/17/16 04:54	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/17/16 04:54	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/17/16 04:54	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/17/16 04:54	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/17/16 04:54	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/17/16 04:54	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/17/16 04:54	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/17/16 04:54	1
2-Hexanone	ND		5.0	1.2	ug/L			09/17/16 04:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/17/16 04:54	1
Acetone	ND		10	3.0	ug/L			09/17/16 04:54	1
Benzene	ND		1.0	0.41	ug/L			09/17/16 04:54	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/17/16 04:54	1
Bromoform	ND		1.0	0.26	ug/L			09/17/16 04:54	1
Bromomethane	ND		1.0	0.69	ug/L			09/17/16 04:54	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/17/16 04:54	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/17/16 04:54	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/17/16 04:54	1
Chloroethane	ND		1.0	0.32	ug/L			09/17/16 04:54	1
Chloroform	ND		1.0	0.34	ug/L			09/17/16 04:54	1
Chloromethane	ND		1.0	0.35	ug/L			09/17/16 04:54	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/17/16 04:54	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/17/16 04:54	1
Cyclohexane	ND		1.0	0.18	ug/L			09/17/16 04:54	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/17/16 04:54	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/17/16 04:54	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/17/16 04:54	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/17/16 04:54	1
Methyl acetate	ND		2.5	1.3	ug/L			09/17/16 04:54	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/17/16 04:54	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/17/16 04:54	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/17/16 04:54	1
Styrene	ND		1.0	0.73	ug/L			09/17/16 04:54	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/17/16 04:54	1
Toluene	ND		1.0	0.51	ug/L			09/17/16 04:54	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/17/16 04:54	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/17/16 04:54	1
Trichloroethene	ND		1.0	0.46	ug/L			09/17/16 04:54	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/17/16 04:54	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/17/16 04:54	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/17/16 04:54	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-33_0916

Lab Sample ID: 480-105843-6

Date Collected: 09/12/16 15:07

Matrix: Ground Water

Date Received: 09/13/16 15:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		09/17/16 04:54	1
4-Bromofluorobenzene (Surr)	93		73 - 120		09/17/16 04:54	1
Toluene-d8 (Surr)	92		80 - 120		09/17/16 04:54	1
Dibromofluoromethane (Surr)	99		75 - 123		09/17/16 04:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		09/14/16 07:31	09/15/16 16:46	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		09/14/16 07:31	09/15/16 16:46	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		09/14/16 07:31	09/15/16 16:46	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		09/14/16 07:31	09/15/16 16:46	1
2,4-Dinitrophenol	ND	*	9.4	2.1	ug/L		09/14/16 07:31	09/15/16 16:46	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		09/14/16 07:31	09/15/16 16:46	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		09/14/16 07:31	09/15/16 16:46	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		09/14/16 07:31	09/15/16 16:46	1
2-Chlorophenol	ND		4.7	0.50	ug/L		09/14/16 07:31	09/15/16 16:46	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		09/14/16 07:31	09/15/16 16:46	1
2-Methylphenol	ND		4.7	0.38	ug/L		09/14/16 07:31	09/15/16 16:46	1
2-Nitroaniline	ND		9.4	0.40	ug/L		09/14/16 07:31	09/15/16 16:46	1
2-Nitrophenol	ND		4.7	0.45	ug/L		09/14/16 07:31	09/15/16 16:46	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		09/14/16 07:31	09/15/16 16:46	1
3-Nitroaniline	ND		9.4	0.45	ug/L		09/14/16 07:31	09/15/16 16:46	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		09/14/16 07:31	09/15/16 16:46	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		09/14/16 07:31	09/15/16 16:46	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		09/14/16 07:31	09/15/16 16:46	1
4-Chloroaniline	ND		4.7	0.56	ug/L		09/14/16 07:31	09/15/16 16:46	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		09/14/16 07:31	09/15/16 16:46	1
4-Methylphenol	ND		9.4	0.34	ug/L		09/14/16 07:31	09/15/16 16:46	1
4-Nitroaniline	ND		9.4	0.24	ug/L		09/14/16 07:31	09/15/16 16:46	1
4-Nitrophenol	ND	*	9.4	1.4	ug/L		09/14/16 07:31	09/15/16 16:46	1
Acenaphthene	ND		4.7	0.39	ug/L		09/14/16 07:31	09/15/16 16:46	1
Acenaphthylene	ND		4.7	0.36	ug/L		09/14/16 07:31	09/15/16 16:46	1
Acetophenone	ND		4.7	0.51	ug/L		09/14/16 07:31	09/15/16 16:46	1
Aniline	ND		9.4	0.57	ug/L		09/14/16 07:31	09/15/16 16:46	1
Anthracene	ND		4.7	0.26	ug/L		09/14/16 07:31	09/15/16 16:46	1
Atrazine	ND		4.7	0.43	ug/L		09/14/16 07:31	09/15/16 16:46	1
Benzaldehyde	ND	*	4.7	0.25	ug/L		09/14/16 07:31	09/15/16 16:46	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		09/14/16 07:31	09/15/16 16:46	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		09/14/16 07:31	09/15/16 16:46	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		09/14/16 07:31	09/15/16 16:46	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		09/14/16 07:31	09/15/16 16:46	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		09/14/16 07:31	09/15/16 16:46	1
Biphenyl	ND		4.7	0.61	ug/L		09/14/16 07:31	09/15/16 16:46	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		09/14/16 07:31	09/15/16 16:46	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		09/14/16 07:31	09/15/16 16:46	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		09/14/16 07:31	09/15/16 16:46	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		09/14/16 07:31	09/15/16 16:46	1
Butyl benzyl phthalate	ND		4.7	0.94	ug/L		09/14/16 07:31	09/15/16 16:46	1
Caprolactam	ND		4.7	2.1	ug/L		09/14/16 07:31	09/15/16 16:46	1
Carbazole	ND		4.7	0.28	ug/L		09/14/16 07:31	09/15/16 16:46	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-33_0916

Lab Sample ID: 480-105843-6

Date Collected: 09/12/16 15:07

Matrix: Ground Water

Date Received: 09/13/16 15:55

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		09/14/16 07:31	09/15/16 16:46	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		09/14/16 07:31	09/15/16 16:46	1
Dibenzofuran	ND		9.4	0.48	ug/L		09/14/16 07:31	09/15/16 16:46	1
Diethyl phthalate	ND		4.7	0.21	ug/L		09/14/16 07:31	09/15/16 16:46	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		09/14/16 07:31	09/15/16 16:46	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		09/14/16 07:31	09/15/16 16:46	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		09/14/16 07:31	09/15/16 16:46	1
Fluoranthene	ND		4.7	0.38	ug/L		09/14/16 07:31	09/15/16 16:46	1
Fluorene	ND		4.7	0.34	ug/L		09/14/16 07:31	09/15/16 16:46	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		09/14/16 07:31	09/15/16 16:46	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		09/14/16 07:31	09/15/16 16:46	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		09/14/16 07:31	09/15/16 16:46	1
Hexachloroethane	ND		4.7	0.56	ug/L		09/14/16 07:31	09/15/16 16:46	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		09/14/16 07:31	09/15/16 16:46	1
Isophorone	ND		4.7	0.40	ug/L		09/14/16 07:31	09/15/16 16:46	1
Naphthalene	ND		4.7	0.72	ug/L		09/14/16 07:31	09/15/16 16:46	1
Nitrobenzene	ND		4.7	0.27	ug/L		09/14/16 07:31	09/15/16 16:46	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		09/14/16 07:31	09/15/16 16:46	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		09/14/16 07:31	09/15/16 16:46	1
Pentachlorophenol	ND		9.4	2.1	ug/L		09/14/16 07:31	09/15/16 16:46	1
Phenanthrene	ND		4.7	0.41	ug/L		09/14/16 07:31	09/15/16 16:46	1
Phenol	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 16:46	1
Pyrene	ND		4.7	0.32	ug/L		09/14/16 07:31	09/15/16 16:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	103		52 - 132	09/14/16 07:31	09/15/16 16:46	1
2-Fluorobiphenyl	60		48 - 120	09/14/16 07:31	09/15/16 16:46	1
2-Fluorophenol	41		20 - 120	09/14/16 07:31	09/15/16 16:46	1
Nitrobenzene-d5	55		46 - 120	09/14/16 07:31	09/15/16 16:46	1
Phenol-d5	33		16 - 120	09/14/16 07:31	09/15/16 16:46	1
p-Terphenyl-d14	72		67 - 150	09/14/16 07:31	09/15/16 16:46	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.089	J	0.20	0.060	mg/L		09/15/16 08:50	09/18/16 10:50	1
Antimony	ND		0.020	0.0068	mg/L		09/15/16 08:50	09/18/16 10:50	1
Arsenic	ND		0.015	0.0056	mg/L		09/15/16 08:50	09/18/16 10:50	1
Barium	0.074		0.0020	0.00070	mg/L		09/15/16 08:50	09/18/16 10:50	1
Beryllium	ND		0.0020	0.00030	mg/L		09/15/16 08:50	09/18/16 10:50	1
Cadmium	0.0014	J	0.0020	0.00050	mg/L		09/15/16 08:50	09/18/16 10:50	1
Calcium	103		0.50	0.10	mg/L		09/15/16 08:50	09/18/16 10:50	1
Chromium	0.23		0.0040	0.0010	mg/L		09/15/16 08:50	09/18/16 10:50	1
Cobalt	0.040		0.0040	0.00063	mg/L		09/15/16 08:50	09/18/16 10:50	1
Copper	0.012		0.010	0.0016	mg/L		09/15/16 08:50	09/18/16 10:50	1
Iron	5.5		0.050	0.019	mg/L		09/15/16 08:50	09/18/16 10:50	1
Lead	ND		0.010	0.0030	mg/L		09/15/16 08:50	09/18/16 10:50	1
Magnesium	36.1		0.20	0.043	mg/L		09/15/16 08:50	09/18/16 10:50	1
Manganese	0.96	B	0.0030	0.00040	mg/L		09/15/16 08:50	09/18/16 10:50	1
Nickel	0.96		0.010	0.0013	mg/L		09/15/16 08:50	09/18/16 10:50	1
Potassium	0.76		0.50	0.10	mg/L		09/15/16 08:50	09/19/16 11:42	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-33_0916

Lab Sample ID: 480-105843-6

Date Collected: 09/12/16 15:07

Matrix: Ground Water

Date Received: 09/13/16 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/15/16 08:50	09/18/16 10:50	1
Silver	ND		0.0060	0.0017	mg/L		09/15/16 08:50	09/18/16 10:50	1
Sodium	304		1.0	0.32	mg/L		09/15/16 08:50	09/18/16 10:50	1
Thallium	ND		0.020	0.010	mg/L		09/15/16 08:50	09/18/16 10:50	1
Vanadium	ND		0.0050	0.0015	mg/L		09/15/16 08:50	09/18/16 10:50	1
Zinc	0.0093	J	0.010	0.0015	mg/L		09/15/16 08:50	09/18/16 10:50	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/14/16 08:10	09/14/16 14:45	1

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-51_0916

Lab Sample ID: 480-105843-7

Date Collected: 09/13/16 10:48

Matrix: Ground Water

Date Received: 09/13/16 15:55

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			09/17/16 05:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/17/16 05:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/17/16 05:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/17/16 05:23	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/17/16 05:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/17/16 05:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/17/16 05:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/17/16 05:23	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/17/16 05:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/17/16 05:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/17/16 05:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/17/16 05:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/17/16 05:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/17/16 05:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/17/16 05:23	1
2-Hexanone	ND		5.0	1.2	ug/L			09/17/16 05:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/17/16 05:23	1
Acetone	ND		10	3.0	ug/L			09/17/16 05:23	1
Benzene	ND		1.0	0.41	ug/L			09/17/16 05:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/17/16 05:23	1
Bromoform	ND		1.0	0.26	ug/L			09/17/16 05:23	1
Bromomethane	ND		1.0	0.69	ug/L			09/17/16 05:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/17/16 05:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/17/16 05:23	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/17/16 05:23	1
Chloroethane	ND		1.0	0.32	ug/L			09/17/16 05:23	1
Chloroform	ND		1.0	0.34	ug/L			09/17/16 05:23	1
Chloromethane	ND		1.0	0.35	ug/L			09/17/16 05:23	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/17/16 05:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/17/16 05:23	1
Cyclohexane	ND		1.0	0.18	ug/L			09/17/16 05:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/17/16 05:23	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/17/16 05:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/17/16 05:23	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/17/16 05:23	1
Methyl acetate	ND		2.5	1.3	ug/L			09/17/16 05:23	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/17/16 05:23	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/17/16 05:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/17/16 05:23	1
Styrene	ND		1.0	0.73	ug/L			09/17/16 05:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/17/16 05:23	1
Toluene	ND		1.0	0.51	ug/L			09/17/16 05:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/17/16 05:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/17/16 05:23	1
Trichloroethene	ND		1.0	0.46	ug/L			09/17/16 05:23	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/17/16 05:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/17/16 05:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/17/16 05:23	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-51_0916

Lab Sample ID: 480-105843-7

Date Collected: 09/13/16 10:48

Matrix: Ground Water

Date Received: 09/13/16 15:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		09/17/16 05:23	1
4-Bromofluorobenzene (Surr)	96		73 - 120		09/17/16 05:23	1
Toluene-d8 (Surr)	96		80 - 120		09/17/16 05:23	1
Dibromofluoromethane (Surr)	103		75 - 123		09/17/16 05:23	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		09/14/16 07:31	09/15/16 17:15	1
2,4,6-Trichlorophenol	ND		4.9	0.60	ug/L		09/14/16 07:31	09/15/16 17:15	1
2,4-Dichlorophenol	ND		4.9	0.50	ug/L		09/14/16 07:31	09/15/16 17:15	1
2,4-Dimethylphenol	ND		4.9	0.49	ug/L		09/14/16 07:31	09/15/16 17:15	1
2,4-Dinitrophenol	ND	*	9.8	2.2	ug/L		09/14/16 07:31	09/15/16 17:15	1
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L		09/14/16 07:31	09/15/16 17:15	1
2,6-Dinitrotoluene	ND		4.9	0.39	ug/L		09/14/16 07:31	09/15/16 17:15	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		09/14/16 07:31	09/15/16 17:15	1
2-Chlorophenol	ND		4.9	0.52	ug/L		09/14/16 07:31	09/15/16 17:15	1
2-Methylnaphthalene	ND		4.9	0.59	ug/L		09/14/16 07:31	09/15/16 17:15	1
2-Methylphenol	ND		4.9	0.39	ug/L		09/14/16 07:31	09/15/16 17:15	1
2-Nitroaniline	ND		9.8	0.41	ug/L		09/14/16 07:31	09/15/16 17:15	1
2-Nitrophenol	ND		4.9	0.47	ug/L		09/14/16 07:31	09/15/16 17:15	1
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L		09/14/16 07:31	09/15/16 17:15	1
3-Nitroaniline	ND		9.8	0.47	ug/L		09/14/16 07:31	09/15/16 17:15	1
4,6-Dinitro-2-methylphenol	ND		9.8	2.2	ug/L		09/14/16 07:31	09/15/16 17:15	1
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L		09/14/16 07:31	09/15/16 17:15	1
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L		09/14/16 07:31	09/15/16 17:15	1
4-Chloroaniline	ND		4.9	0.58	ug/L		09/14/16 07:31	09/15/16 17:15	1
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L		09/14/16 07:31	09/15/16 17:15	1
4-Methylphenol	ND		9.8	0.35	ug/L		09/14/16 07:31	09/15/16 17:15	1
4-Nitroaniline	ND		9.8	0.24	ug/L		09/14/16 07:31	09/15/16 17:15	1
4-Nitrophenol	ND	*	9.8	1.5	ug/L		09/14/16 07:31	09/15/16 17:15	1
Acenaphthene	ND		4.9	0.40	ug/L		09/14/16 07:31	09/15/16 17:15	1
Acenaphthylene	ND		4.9	0.37	ug/L		09/14/16 07:31	09/15/16 17:15	1
Acetophenone	ND		4.9	0.53	ug/L		09/14/16 07:31	09/15/16 17:15	1
Aniline	ND		9.8	0.60	ug/L		09/14/16 07:31	09/15/16 17:15	1
Anthracene	ND		4.9	0.27	ug/L		09/14/16 07:31	09/15/16 17:15	1
Atrazine	ND		4.9	0.45	ug/L		09/14/16 07:31	09/15/16 17:15	1
Benzaldehyde	ND	*	4.9	0.26	ug/L		09/14/16 07:31	09/15/16 17:15	1
Benzo(a)anthracene	ND		4.9	0.35	ug/L		09/14/16 07:31	09/15/16 17:15	1
Benzo(a)pyrene	ND		4.9	0.46	ug/L		09/14/16 07:31	09/15/16 17:15	1
Benzo(b)fluoranthene	ND		4.9	0.33	ug/L		09/14/16 07:31	09/15/16 17:15	1
Benzo(g,h,i)perylene	ND		4.9	0.34	ug/L		09/14/16 07:31	09/15/16 17:15	1
Benzo(k)fluoranthene	ND		4.9	0.71	ug/L		09/14/16 07:31	09/15/16 17:15	1
Biphenyl	ND		4.9	0.64	ug/L		09/14/16 07:31	09/15/16 17:15	1
bis (2-chloroisopropyl) ether	ND		4.9	0.51	ug/L		09/14/16 07:31	09/15/16 17:15	1
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L		09/14/16 07:31	09/15/16 17:15	1
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L		09/14/16 07:31	09/15/16 17:15	1
Bis(2-ethylhexyl) phthalate	ND		4.9	2.2	ug/L		09/14/16 07:31	09/15/16 17:15	1
Butyl benzyl phthalate	ND		4.9	0.98	ug/L		09/14/16 07:31	09/15/16 17:15	1
Caprolactam	ND		4.9	2.2	ug/L		09/14/16 07:31	09/15/16 17:15	1
Carbazole	ND		4.9	0.29	ug/L		09/14/16 07:31	09/15/16 17:15	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-51_0916

Lab Sample ID: 480-105843-7

Date Collected: 09/13/16 10:48

Matrix: Ground Water

Date Received: 09/13/16 15:55

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		09/14/16 07:31	09/15/16 17:15	1
Dibenz(a,h)anthracene	ND		4.9	0.41	ug/L		09/14/16 07:31	09/15/16 17:15	1
Dibenzofuran	ND		9.8	0.50	ug/L		09/14/16 07:31	09/15/16 17:15	1
Diethyl phthalate	ND		4.9	0.22	ug/L		09/14/16 07:31	09/15/16 17:15	1
Dimethyl phthalate	ND		4.9	0.35	ug/L		09/14/16 07:31	09/15/16 17:15	1
Di-n-butyl phthalate	ND		4.9	0.30	ug/L		09/14/16 07:31	09/15/16 17:15	1
Di-n-octyl phthalate	ND		4.9	0.46	ug/L		09/14/16 07:31	09/15/16 17:15	1
Fluoranthene	ND		4.9	0.39	ug/L		09/14/16 07:31	09/15/16 17:15	1
Fluorene	ND		4.9	0.35	ug/L		09/14/16 07:31	09/15/16 17:15	1
Hexachlorobenzene	ND		4.9	0.50	ug/L		09/14/16 07:31	09/15/16 17:15	1
Hexachlorobutadiene	ND		4.9	0.67	ug/L		09/14/16 07:31	09/15/16 17:15	1
Hexachlorocyclopentadiene	ND		4.9	0.58	ug/L		09/14/16 07:31	09/15/16 17:15	1
Hexachloroethane	ND		4.9	0.58	ug/L		09/14/16 07:31	09/15/16 17:15	1
Indeno(1,2,3-cd)pyrene	ND		4.9	0.46	ug/L		09/14/16 07:31	09/15/16 17:15	1
Isophorone	ND		4.9	0.42	ug/L		09/14/16 07:31	09/15/16 17:15	1
Naphthalene	ND		4.9	0.74	ug/L		09/14/16 07:31	09/15/16 17:15	1
Nitrobenzene	ND		4.9	0.28	ug/L		09/14/16 07:31	09/15/16 17:15	1
N-Nitrosodi-n-propylamine	ND		4.9	0.53	ug/L		09/14/16 07:31	09/15/16 17:15	1
N-Nitrosodiphenylamine	ND		4.9	0.50	ug/L		09/14/16 07:31	09/15/16 17:15	1
Pentachlorophenol	ND		9.8	2.2	ug/L		09/14/16 07:31	09/15/16 17:15	1
Phenanthrene	ND		4.9	0.43	ug/L		09/14/16 07:31	09/15/16 17:15	1
Phenol	ND		4.9	0.38	ug/L		09/14/16 07:31	09/15/16 17:15	1
Pyrene	ND		4.9	0.33	ug/L		09/14/16 07:31	09/15/16 17:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	125		52 - 132	09/14/16 07:31	09/15/16 17:15	1
2-Fluorobiphenyl	96		48 - 120	09/14/16 07:31	09/15/16 17:15	1
2-Fluorophenol	77		20 - 120	09/14/16 07:31	09/15/16 17:15	1
Nitrobenzene-d5	101		46 - 120	09/14/16 07:31	09/15/16 17:15	1
Phenol-d5	59		16 - 120	09/14/16 07:31	09/15/16 17:15	1
p-Terphenyl-d14	93		67 - 150	09/14/16 07:31	09/15/16 17:15	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/15/16 08:50	09/18/16 10:53	1
Antimony	ND		0.020	0.0068	mg/L		09/15/16 08:50	09/18/16 10:53	1
Arsenic	0.41		0.015	0.0056	mg/L		09/15/16 08:50	09/18/16 10:53	1
Barium	0.019		0.0020	0.00070	mg/L		09/15/16 08:50	09/18/16 10:53	1
Beryllium	ND		0.0020	0.00030	mg/L		09/15/16 08:50	09/18/16 10:53	1
Cadmium	0.00083	J	0.0020	0.00050	mg/L		09/15/16 08:50	09/18/16 10:53	1
Calcium	508		0.50	0.10	mg/L		09/15/16 08:50	09/18/16 10:53	1
Chromium	ND		0.0040	0.0010	mg/L		09/15/16 08:50	09/18/16 10:53	1
Cobalt	0.0025	J	0.0040	0.00063	mg/L		09/15/16 08:50	09/18/16 10:53	1
Copper	ND		0.010	0.0016	mg/L		09/15/16 08:50	09/18/16 10:53	1
Iron	15.3		0.050	0.019	mg/L		09/15/16 08:50	09/18/16 10:53	1
Lead	ND		0.010	0.0030	mg/L		09/15/16 08:50	09/18/16 10:53	1
Magnesium	277		0.20	0.043	mg/L		09/15/16 08:50	09/18/16 10:53	1
Manganese	2.0	B	0.0030	0.00040	mg/L		09/15/16 08:50	09/18/16 10:53	1
Nickel	0.0036	J	0.010	0.0013	mg/L		09/15/16 08:50	09/18/16 10:53	1
Potassium	32.5	^	0.50	0.10	mg/L		09/15/16 08:50	09/18/16 10:53	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-51_0916

Lab Sample ID: 480-105843-7

Date Collected: 09/13/16 10:48

Matrix: Ground Water

Date Received: 09/13/16 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/15/16 08:50	09/18/16 10:53	1
Silver	ND		0.0060	0.0017	mg/L		09/15/16 08:50	09/18/16 10:53	1
Sodium	244		1.0	0.32	mg/L		09/15/16 08:50	09/18/16 10:53	1
Thallium	ND		0.020	0.010	mg/L		09/15/16 08:50	09/18/16 10:53	1
Vanadium	ND		0.0050	0.0015	mg/L		09/15/16 08:50	09/18/16 10:53	1
Zinc	0.0028	J	0.010	0.0015	mg/L		09/15/16 08:50	09/18/16 10:53	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/14/16 08:10	09/14/16 14:47	1

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E MW-E03_0916

Lab Sample ID: 480-105843-8

Date Collected: 09/12/16 11:15

Matrix: Ground Water

Date Received: 09/13/16 15:55

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			09/17/16 05:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/17/16 05:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/17/16 05:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/17/16 05:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/17/16 05:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/17/16 05:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/17/16 05:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/17/16 05:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/17/16 05:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/17/16 05:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/17/16 05:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/17/16 05:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/17/16 05:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/17/16 05:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/17/16 05:53	1
2-Hexanone	ND		5.0	1.2	ug/L			09/17/16 05:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/17/16 05:53	1
Acetone	ND		10	3.0	ug/L			09/17/16 05:53	1
Benzene	ND		1.0	0.41	ug/L			09/17/16 05:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/17/16 05:53	1
Bromoform	ND		1.0	0.26	ug/L			09/17/16 05:53	1
Bromomethane	ND		1.0	0.69	ug/L			09/17/16 05:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/17/16 05:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/17/16 05:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/17/16 05:53	1
Chloroethane	ND		1.0	0.32	ug/L			09/17/16 05:53	1
Chloroform	ND		1.0	0.34	ug/L			09/17/16 05:53	1
Chloromethane	ND		1.0	0.35	ug/L			09/17/16 05:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/17/16 05:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/17/16 05:53	1
Cyclohexane	ND		1.0	0.18	ug/L			09/17/16 05:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/17/16 05:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/17/16 05:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/17/16 05:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/17/16 05:53	1
Methyl acetate	ND		2.5	1.3	ug/L			09/17/16 05:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/17/16 05:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/17/16 05:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/17/16 05:53	1
Styrene	ND		1.0	0.73	ug/L			09/17/16 05:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/17/16 05:53	1
Toluene	ND		1.0	0.51	ug/L			09/17/16 05:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/17/16 05:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/17/16 05:53	1
Trichloroethene	ND		1.0	0.46	ug/L			09/17/16 05:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/17/16 05:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/17/16 05:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/17/16 05:53	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E MW-E03_0916

Lab Sample ID: 480-105843-8

Date Collected: 09/12/16 11:15

Matrix: Ground Water

Date Received: 09/13/16 15:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		77 - 120		09/17/16 05:53	1
4-Bromofluorobenzene (Surr)	95		73 - 120		09/17/16 05:53	1
Toluene-d8 (Surr)	95		80 - 120		09/17/16 05:53	1
Dibromofluoromethane (Surr)	106		75 - 123		09/17/16 05:53	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		09/14/16 07:31	09/15/16 17:44	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		09/14/16 07:31	09/15/16 17:44	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		09/14/16 07:31	09/15/16 17:44	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		09/14/16 07:31	09/15/16 17:44	1
2,4-Dinitrophenol	ND	*	9.3	2.1	ug/L		09/14/16 07:31	09/15/16 17:44	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		09/14/16 07:31	09/15/16 17:44	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 17:44	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		09/14/16 07:31	09/15/16 17:44	1
2-Chlorophenol	ND		4.7	0.49	ug/L		09/14/16 07:31	09/15/16 17:44	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		09/14/16 07:31	09/15/16 17:44	1
2-Methylphenol	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 17:44	1
2-Nitroaniline	ND		9.3	0.39	ug/L		09/14/16 07:31	09/15/16 17:44	1
2-Nitrophenol	ND		4.7	0.45	ug/L		09/14/16 07:31	09/15/16 17:44	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 17:44	1
3-Nitroaniline	ND		9.3	0.45	ug/L		09/14/16 07:31	09/15/16 17:44	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.1	ug/L		09/14/16 07:31	09/15/16 17:44	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		09/14/16 07:31	09/15/16 17:44	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		09/14/16 07:31	09/15/16 17:44	1
4-Chloroaniline	ND		4.7	0.55	ug/L		09/14/16 07:31	09/15/16 17:44	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		09/14/16 07:31	09/15/16 17:44	1
4-Methylphenol	ND		9.3	0.34	ug/L		09/14/16 07:31	09/15/16 17:44	1
4-Nitroaniline	ND		9.3	0.23	ug/L		09/14/16 07:31	09/15/16 17:44	1
4-Nitrophenol	ND	*	9.3	1.4	ug/L		09/14/16 07:31	09/15/16 17:44	1
Acenaphthene	ND		4.7	0.38	ug/L		09/14/16 07:31	09/15/16 17:44	1
Acenaphthylene	ND		4.7	0.35	ug/L		09/14/16 07:31	09/15/16 17:44	1
Acetophenone	ND		4.7	0.50	ug/L		09/14/16 07:31	09/15/16 17:44	1
Aniline	ND		9.3	0.57	ug/L		09/14/16 07:31	09/15/16 17:44	1
Anthracene	ND		4.7	0.26	ug/L		09/14/16 07:31	09/15/16 17:44	1
Atrazine	ND		4.7	0.43	ug/L		09/14/16 07:31	09/15/16 17:44	1
Benzaldehyde	ND	*	4.7	0.25	ug/L		09/14/16 07:31	09/15/16 17:44	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		09/14/16 07:31	09/15/16 17:44	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		09/14/16 07:31	09/15/16 17:44	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		09/14/16 07:31	09/15/16 17:44	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		09/14/16 07:31	09/15/16 17:44	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		09/14/16 07:31	09/15/16 17:44	1
Biphenyl	ND		4.7	0.61	ug/L		09/14/16 07:31	09/15/16 17:44	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		09/14/16 07:31	09/15/16 17:44	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		09/14/16 07:31	09/15/16 17:44	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 17:44	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		09/14/16 07:31	09/15/16 17:44	1
Butyl benzyl phthalate	ND		4.7	0.93	ug/L		09/14/16 07:31	09/15/16 17:44	1
Caprolactam	ND		4.7	2.1	ug/L		09/14/16 07:31	09/15/16 17:44	1
Carbazole	ND		4.7	0.28	ug/L		09/14/16 07:31	09/15/16 17:44	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E MW-E03_0916

Lab Sample ID: 480-105843-8

Date Collected: 09/12/16 11:15

Matrix: Ground Water

Date Received: 09/13/16 15:55

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		09/14/16 07:31	09/15/16 17:44	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		09/14/16 07:31	09/15/16 17:44	1
Dibenzofuran	ND		9.3	0.48	ug/L		09/14/16 07:31	09/15/16 17:44	1
Diethyl phthalate	ND		4.7	0.21	ug/L		09/14/16 07:31	09/15/16 17:44	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		09/14/16 07:31	09/15/16 17:44	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		09/14/16 07:31	09/15/16 17:44	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		09/14/16 07:31	09/15/16 17:44	1
Fluoranthene	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 17:44	1
Fluorene	ND		4.7	0.34	ug/L		09/14/16 07:31	09/15/16 17:44	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		09/14/16 07:31	09/15/16 17:44	1
Hexachlorobutadiene	ND		4.7	0.63	ug/L		09/14/16 07:31	09/15/16 17:44	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		09/14/16 07:31	09/15/16 17:44	1
Hexachloroethane	ND		4.7	0.55	ug/L		09/14/16 07:31	09/15/16 17:44	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		09/14/16 07:31	09/15/16 17:44	1
Isophorone	ND		4.7	0.40	ug/L		09/14/16 07:31	09/15/16 17:44	1
Naphthalene	ND		4.7	0.71	ug/L		09/14/16 07:31	09/15/16 17:44	1
Nitrobenzene	ND		4.7	0.27	ug/L		09/14/16 07:31	09/15/16 17:44	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		09/14/16 07:31	09/15/16 17:44	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		09/14/16 07:31	09/15/16 17:44	1
Pentachlorophenol	ND		9.3	2.1	ug/L		09/14/16 07:31	09/15/16 17:44	1
Phenanthrene	ND		4.7	0.41	ug/L		09/14/16 07:31	09/15/16 17:44	1
Phenol	ND		4.7	0.36	ug/L		09/14/16 07:31	09/15/16 17:44	1
Pyrene	ND		4.7	0.32	ug/L		09/14/16 07:31	09/15/16 17:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	120		52 - 132	09/14/16 07:31	09/15/16 17:44	1
2-Fluorobiphenyl	84		48 - 120	09/14/16 07:31	09/15/16 17:44	1
2-Fluorophenol	61		20 - 120	09/14/16 07:31	09/15/16 17:44	1
Nitrobenzene-d5	80		46 - 120	09/14/16 07:31	09/15/16 17:44	1
Phenol-d5	46		16 - 120	09/14/16 07:31	09/15/16 17:44	1
p-Terphenyl-d14	83		67 - 150	09/14/16 07:31	09/15/16 17:44	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/15/16 08:50	09/18/16 10:57	1
Antimony	ND		0.020	0.0068	mg/L		09/15/16 08:50	09/18/16 10:57	1
Arsenic	ND		0.015	0.0056	mg/L		09/15/16 08:50	09/18/16 10:57	1
Barium	0.048		0.0020	0.00070	mg/L		09/15/16 08:50	09/18/16 10:57	1
Beryllium	ND		0.0020	0.00030	mg/L		09/15/16 08:50	09/18/16 10:57	1
Cadmium	ND		0.0020	0.00050	mg/L		09/15/16 08:50	09/18/16 10:57	1
Calcium	209		0.50	0.10	mg/L		09/15/16 08:50	09/18/16 10:57	1
Chromium	ND		0.0040	0.0010	mg/L		09/15/16 08:50	09/18/16 10:57	1
Cobalt	ND		0.0040	0.00063	mg/L		09/15/16 08:50	09/18/16 10:57	1
Copper	ND		0.010	0.0016	mg/L		09/15/16 08:50	09/18/16 10:57	1
Iron	0.055		0.050	0.019	mg/L		09/15/16 08:50	09/18/16 10:57	1
Lead	ND		0.010	0.0030	mg/L		09/15/16 08:50	09/18/16 10:57	1
Magnesium	25.9		0.20	0.043	mg/L		09/15/16 08:50	09/18/16 10:57	1
Manganese	0.034	B	0.0030	0.00040	mg/L		09/15/16 08:50	09/18/16 10:57	1
Nickel	0.0021	J	0.010	0.0013	mg/L		09/15/16 08:50	09/18/16 10:57	1
Potassium	5.5		0.50	0.10	mg/L		09/15/16 08:50	09/19/16 11:45	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E MW-E03_0916

Lab Sample ID: 480-105843-8

Date Collected: 09/12/16 11:15

Matrix: Ground Water

Date Received: 09/13/16 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/15/16 08:50	09/18/16 10:57	1
Silver	ND		0.0060	0.0017	mg/L		09/15/16 08:50	09/18/16 10:57	1
Sodium	27.8		1.0	0.32	mg/L		09/15/16 08:50	09/18/16 10:57	1
Thallium	ND		0.020	0.010	mg/L		09/15/16 08:50	09/18/16 10:57	1
Vanadium	ND		0.0050	0.0015	mg/L		09/15/16 08:50	09/18/16 10:57	1
Zinc	0.0091	J	0.010	0.0015	mg/L		09/15/16 08:50	09/18/16 10:57	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/14/16 08:10	09/14/16 14:49	1

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E MW-E04_0916

Lab Sample ID: 480-105843-9

Date Collected: 09/12/16 13:24

Matrix: Ground Water

Date Received: 09/13/16 15:55

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			09/17/16 06:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/17/16 06:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/17/16 06:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/17/16 06:23	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/17/16 06:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/17/16 06:23	1
1,2,4-Trichlorobenzene	0.61	J	1.0	0.41	ug/L			09/17/16 06:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/17/16 06:23	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/17/16 06:23	1
1,2-Dichlorobenzene	2.1		1.0	0.79	ug/L			09/17/16 06:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/17/16 06:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/17/16 06:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/17/16 06:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/17/16 06:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/17/16 06:23	1
2-Hexanone	ND		5.0	1.2	ug/L			09/17/16 06:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/17/16 06:23	1
Acetone	3.9	J	10	3.0	ug/L			09/17/16 06:23	1
Benzene	ND		1.0	0.41	ug/L			09/17/16 06:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/17/16 06:23	1
Bromoform	ND		1.0	0.26	ug/L			09/17/16 06:23	1
Bromomethane	ND		1.0	0.69	ug/L			09/17/16 06:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/17/16 06:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/17/16 06:23	1
Chlorobenzene	1.0		1.0	0.75	ug/L			09/17/16 06:23	1
Chloroethane	ND		1.0	0.32	ug/L			09/17/16 06:23	1
Chloroform	ND		1.0	0.34	ug/L			09/17/16 06:23	1
Chloromethane	ND		1.0	0.35	ug/L			09/17/16 06:23	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/17/16 06:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/17/16 06:23	1
Cyclohexane	ND		1.0	0.18	ug/L			09/17/16 06:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/17/16 06:23	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/17/16 06:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/17/16 06:23	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/17/16 06:23	1
Methyl acetate	ND		2.5	1.3	ug/L			09/17/16 06:23	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/17/16 06:23	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/17/16 06:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/17/16 06:23	1
Styrene	ND		1.0	0.73	ug/L			09/17/16 06:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/17/16 06:23	1
Toluene	1.8		1.0	0.51	ug/L			09/17/16 06:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/17/16 06:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/17/16 06:23	1
Trichloroethene	ND		1.0	0.46	ug/L			09/17/16 06:23	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/17/16 06:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/17/16 06:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/17/16 06:23	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E MW-E04_0916

Lab Sample ID: 480-105843-9

Date Collected: 09/12/16 13:24

Matrix: Ground Water

Date Received: 09/13/16 15:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		09/17/16 06:23	1
4-Bromofluorobenzene (Surr)	97		73 - 120		09/17/16 06:23	1
Toluene-d8 (Surr)	94		80 - 120		09/17/16 06:23	1
Dibromofluoromethane (Surr)	104		75 - 123		09/17/16 06:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		120	11	ug/L		09/14/16 07:31	09/16/16 14:00	25
2,4,6-Trichlorophenol	ND		120	14	ug/L		09/14/16 07:31	09/16/16 14:00	25
2,4-Dichlorophenol	ND		120	12	ug/L		09/14/16 07:31	09/16/16 14:00	25
2,4-Dimethylphenol	ND		120	12	ug/L		09/14/16 07:31	09/16/16 14:00	25
2,4-Dinitrophenol	ND	*	240	52	ug/L		09/14/16 07:31	09/16/16 14:00	25
2,4-Dinitrotoluene	630		120	11	ug/L		09/14/16 07:31	09/16/16 14:00	25
2,6-Dinitrotoluene	490		120	9.4	ug/L		09/14/16 07:31	09/16/16 14:00	25
2-Chloronaphthalene	ND		120	11	ug/L		09/14/16 07:31	09/16/16 14:00	25
2-Chlorophenol	ND		120	12	ug/L		09/14/16 07:31	09/16/16 14:00	25
2-Methylnaphthalene	ND		120	14	ug/L		09/14/16 07:31	09/16/16 14:00	25
2-Methylphenol	ND		120	9.4	ug/L		09/14/16 07:31	09/16/16 14:00	25
2-Nitroaniline	18	J	240	9.9	ug/L		09/14/16 07:31	09/16/16 14:00	25
2-Nitrophenol	ND		120	11	ug/L		09/14/16 07:31	09/16/16 14:00	25
3,3'-Dichlorobenzidine	ND		120	9.4	ug/L		09/14/16 07:31	09/16/16 14:00	25
3-Nitroaniline	ND		240	11	ug/L		09/14/16 07:31	09/16/16 14:00	25
4,6-Dinitro-2-methylphenol	ND		240	52	ug/L		09/14/16 07:31	09/16/16 14:00	25
4-Bromophenyl phenyl ether	ND		120	11	ug/L		09/14/16 07:31	09/16/16 14:00	25
4-Chloro-3-methylphenol	ND		120	11	ug/L		09/14/16 07:31	09/16/16 14:00	25
4-Chloroaniline	ND		120	14	ug/L		09/14/16 07:31	09/16/16 14:00	25
4-Chlorophenyl phenyl ether	ND		120	8.2	ug/L		09/14/16 07:31	09/16/16 14:00	25
4-Methylphenol	ND		240	8.5	ug/L		09/14/16 07:31	09/16/16 14:00	25
4-Nitroaniline	ND		240	5.9	ug/L		09/14/16 07:31	09/16/16 14:00	25
4-Nitrophenol	ND	*	240	36	ug/L		09/14/16 07:31	09/16/16 14:00	25
Acenaphthene	ND		120	9.6	ug/L		09/14/16 07:31	09/16/16 14:00	25
Acenaphthylene	ND		120	8.9	ug/L		09/14/16 07:31	09/16/16 14:00	25
Acetophenone	ND		120	13	ug/L		09/14/16 07:31	09/16/16 14:00	25
Aniline	ND		240	14	ug/L		09/14/16 07:31	09/16/16 14:00	25
Anthracene	ND		120	6.6	ug/L		09/14/16 07:31	09/16/16 14:00	25
Atrazine	ND		120	11	ug/L		09/14/16 07:31	09/16/16 14:00	25
Benzaldehyde	ND	*	120	6.3	ug/L		09/14/16 07:31	09/16/16 14:00	25
Benzo(a)anthracene	ND		120	8.5	ug/L		09/14/16 07:31	09/16/16 14:00	25
Benzo(a)pyrene	ND		120	11	ug/L		09/14/16 07:31	09/16/16 14:00	25
Benzo(b)fluoranthene	ND		120	8.0	ug/L		09/14/16 07:31	09/16/16 14:00	25
Benzo(g,h,i)perylene	ND		120	8.2	ug/L		09/14/16 07:31	09/16/16 14:00	25
Benzo(k)fluoranthene	ND		120	17	ug/L		09/14/16 07:31	09/16/16 14:00	25
Biphenyl	ND		120	15	ug/L		09/14/16 07:31	09/16/16 14:00	25
bis (2-chloroisopropyl) ether	ND		120	12	ug/L		09/14/16 07:31	09/16/16 14:00	25
Bis(2-chloroethoxy)methane	ND		120	8.2	ug/L		09/14/16 07:31	09/16/16 14:00	25
Bis(2-chloroethyl)ether	ND		120	9.4	ug/L		09/14/16 07:31	09/16/16 14:00	25
Bis(2-ethylhexyl) phthalate	ND		120	52	ug/L		09/14/16 07:31	09/16/16 14:00	25
Butyl benzyl phthalate	ND		120	24	ug/L		09/14/16 07:31	09/16/16 14:00	25
Caprolactam	ND		120	52	ug/L		09/14/16 07:31	09/16/16 14:00	25
Carbazole	ND		120	7.1	ug/L		09/14/16 07:31	09/16/16 14:00	25

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E MW-E04_0916

Lab Sample ID: 480-105843-9

Date Collected: 09/12/16 13:24

Matrix: Ground Water

Date Received: 09/13/16 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		120	7.8	ug/L		09/14/16 07:31	09/16/16 14:00	25
Dibenz(a,h)anthracene	ND		120	9.9	ug/L		09/14/16 07:31	09/16/16 14:00	25
Dibenzofuran	ND		240	12	ug/L		09/14/16 07:31	09/16/16 14:00	25
Diethyl phthalate	ND		120	5.2	ug/L		09/14/16 07:31	09/16/16 14:00	25
Dimethyl phthalate	ND		120	8.5	ug/L		09/14/16 07:31	09/16/16 14:00	25
Di-n-butyl phthalate	ND		120	7.3	ug/L		09/14/16 07:31	09/16/16 14:00	25
Di-n-octyl phthalate	ND		120	11	ug/L		09/14/16 07:31	09/16/16 14:00	25
Fluoranthene	ND		120	9.4	ug/L		09/14/16 07:31	09/16/16 14:00	25
Fluorene	ND		120	8.5	ug/L		09/14/16 07:31	09/16/16 14:00	25
Hexachlorobenzene	ND		120	12	ug/L		09/14/16 07:31	09/16/16 14:00	25
Hexachlorobutadiene	ND		120	16	ug/L		09/14/16 07:31	09/16/16 14:00	25
Hexachlorocyclopentadiene	ND		120	14	ug/L		09/14/16 07:31	09/16/16 14:00	25
Hexachloroethane	ND		120	14	ug/L		09/14/16 07:31	09/16/16 14:00	25
Indeno(1,2,3-cd)pyrene	ND		120	11	ug/L		09/14/16 07:31	09/16/16 14:00	25
Isophorone	ND		120	10	ug/L		09/14/16 07:31	09/16/16 14:00	25
Naphthalene	ND		120	18	ug/L		09/14/16 07:31	09/16/16 14:00	25
Nitrobenzene	ND		120	6.8	ug/L		09/14/16 07:31	09/16/16 14:00	25
N-Nitrosodi-n-propylamine	ND		120	13	ug/L		09/14/16 07:31	09/16/16 14:00	25
N-Nitrosodiphenylamine	ND		120	12	ug/L		09/14/16 07:31	09/16/16 14:00	25
Pentachlorophenol	ND		240	52	ug/L		09/14/16 07:31	09/16/16 14:00	25
Phenanthrene	ND		120	10	ug/L		09/14/16 07:31	09/16/16 14:00	25
Phenol	ND		120	9.2	ug/L		09/14/16 07:31	09/16/16 14:00	25
Pyrene	ND		120	8.0	ug/L		09/14/16 07:31	09/16/16 14:00	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	77		52 - 132	09/14/16 07:31	09/16/16 14:00	25
2-Fluorobiphenyl	82		48 - 120	09/14/16 07:31	09/16/16 14:00	25
2-Fluorophenol	58		20 - 120	09/14/16 07:31	09/16/16 14:00	25
Nitrobenzene-d5	73		46 - 120	09/14/16 07:31	09/16/16 14:00	25
Phenol-d5	40		16 - 120	09/14/16 07:31	09/16/16 14:00	25
p-Terphenyl-d14	71		67 - 150	09/14/16 07:31	09/16/16 14:00	25

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.83		0.20	0.060	mg/L		09/15/16 08:50	09/18/16 11:00	1
Antimony	0.018	J	0.020	0.0068	mg/L		09/15/16 08:50	09/18/16 11:00	1
Arsenic	0.029		0.015	0.0056	mg/L		09/15/16 08:50	09/18/16 11:00	1
Barium	0.055		0.0020	0.00070	mg/L		09/15/16 08:50	09/18/16 11:00	1
Beryllium	ND		0.0020	0.00030	mg/L		09/15/16 08:50	09/18/16 11:00	1
Cadmium	ND		0.0020	0.00050	mg/L		09/15/16 08:50	09/18/16 11:00	1
Calcium	160		0.50	0.10	mg/L		09/15/16 08:50	09/18/16 11:00	1
Chromium	0.0022	J	0.0040	0.0010	mg/L		09/15/16 08:50	09/18/16 11:00	1
Cobalt	0.0020	J	0.0040	0.00063	mg/L		09/15/16 08:50	09/18/16 11:00	1
Copper	0.0040	J	0.010	0.0016	mg/L		09/15/16 08:50	09/18/16 11:00	1
Iron	1.3		0.050	0.019	mg/L		09/15/16 08:50	09/18/16 11:00	1
Lead	ND		0.010	0.0030	mg/L		09/15/16 08:50	09/18/16 11:00	1
Magnesium	35.1		0.20	0.043	mg/L		09/15/16 08:50	09/18/16 11:00	1
Manganese	0.68	B	0.0030	0.00040	mg/L		09/15/16 08:50	09/18/16 11:00	1
Nickel	0.0084	J	0.010	0.0013	mg/L		09/15/16 08:50	09/18/16 11:00	1
Potassium	5.7		0.50	0.10	mg/L		09/15/16 08:50	09/19/16 11:49	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E MW-E04_0916

Lab Sample ID: 480-105843-9

Date Collected: 09/12/16 13:24

Matrix: Ground Water

Date Received: 09/13/16 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/15/16 08:50	09/18/16 11:00	1
Silver	ND		0.0060	0.0017	mg/L		09/15/16 08:50	09/18/16 11:00	1
Sodium	17.4		1.0	0.32	mg/L		09/15/16 08:50	09/18/16 11:00	1
Thallium	ND		0.020	0.010	mg/L		09/15/16 08:50	09/18/16 11:00	1
Vanadium	ND		0.0050	0.0015	mg/L		09/15/16 08:50	09/18/16 11:00	1
Zinc	0.12		0.010	0.0015	mg/L		09/15/16 08:50	09/18/16 11:00	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/14/16 08:10	09/14/16 14:51	1

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E MW-E05_0916

Lab Sample ID: 480-105843-10

Date Collected: 09/13/16 08:35

Matrix: Ground Water

Date Received: 09/13/16 15:55

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			09/17/16 11:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/17/16 11:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/17/16 11:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/17/16 11:15	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/17/16 11:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/17/16 11:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/17/16 11:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/17/16 11:15	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/17/16 11:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/17/16 11:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/17/16 11:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/17/16 11:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/17/16 11:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/17/16 11:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/17/16 11:15	1
2-Hexanone	ND		5.0	1.2	ug/L			09/17/16 11:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/17/16 11:15	1
Acetone	3.1	J	10	3.0	ug/L			09/17/16 11:15	1
Benzene	ND		1.0	0.41	ug/L			09/17/16 11:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/17/16 11:15	1
Bromoform	ND		1.0	0.26	ug/L			09/17/16 11:15	1
Bromomethane	ND		1.0	0.69	ug/L			09/17/16 11:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/17/16 11:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/17/16 11:15	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/17/16 11:15	1
Chloroethane	ND		1.0	0.32	ug/L			09/17/16 11:15	1
Chloroform	ND		1.0	0.34	ug/L			09/17/16 11:15	1
Chloromethane	ND		1.0	0.35	ug/L			09/17/16 11:15	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/17/16 11:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/17/16 11:15	1
Cyclohexane	ND		1.0	0.18	ug/L			09/17/16 11:15	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/17/16 11:15	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/17/16 11:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/17/16 11:15	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/17/16 11:15	1
Methyl acetate	ND		2.5	1.3	ug/L			09/17/16 11:15	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/17/16 11:15	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/17/16 11:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/17/16 11:15	1
Styrene	ND		1.0	0.73	ug/L			09/17/16 11:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/17/16 11:15	1
Toluene	ND		1.0	0.51	ug/L			09/17/16 11:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/17/16 11:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/17/16 11:15	1
Trichloroethene	ND		1.0	0.46	ug/L			09/17/16 11:15	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/17/16 11:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/17/16 11:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/17/16 11:15	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E MW-E05_0916

Lab Sample ID: 480-105843-10

Date Collected: 09/13/16 08:35

Matrix: Ground Water

Date Received: 09/13/16 15:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		09/17/16 11:15	1
4-Bromofluorobenzene (Surr)	100		73 - 120		09/17/16 11:15	1
Toluene-d8 (Surr)	99		80 - 120		09/17/16 11:15	1
Dibromofluoromethane (Surr)	106		75 - 123		09/17/16 11:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		09/14/16 07:31	09/15/16 18:42	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		09/14/16 07:31	09/15/16 18:42	1
2,4-Dichlorophenol	ND		4.7	0.47	ug/L		09/14/16 07:31	09/15/16 18:42	1
2,4-Dimethylphenol	ND	F1	4.7	0.47	ug/L		09/14/16 07:31	09/15/16 18:42	1
2,4-Dinitrophenol	ND	F2 F1 *	9.3	2.1	ug/L		09/14/16 07:31	09/15/16 18:42	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		09/14/16 07:31	09/15/16 18:42	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 18:42	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		09/14/16 07:31	09/15/16 18:42	1
2-Chlorophenol	ND		4.7	0.49	ug/L		09/14/16 07:31	09/15/16 18:42	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		09/14/16 07:31	09/15/16 18:42	1
2-Methylphenol	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 18:42	1
2-Nitroaniline	ND		9.3	0.39	ug/L		09/14/16 07:31	09/15/16 18:42	1
2-Nitrophenol	ND	F2	4.7	0.45	ug/L		09/14/16 07:31	09/15/16 18:42	1
3,3'-Dichlorobenzidine	ND	F2 F1	4.7	0.37	ug/L		09/14/16 07:31	09/15/16 18:42	1
3-Nitroaniline	ND	F1	9.3	0.45	ug/L		09/14/16 07:31	09/15/16 18:42	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		09/14/16 07:31	09/15/16 18:42	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		09/14/16 07:31	09/15/16 18:42	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		09/14/16 07:31	09/15/16 18:42	1
4-Chloroaniline	ND	F1	4.7	0.55	ug/L		09/14/16 07:31	09/15/16 18:42	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		09/14/16 07:31	09/15/16 18:42	1
4-Methylphenol	ND		9.3	0.34	ug/L		09/14/16 07:31	09/15/16 18:42	1
4-Nitroaniline	ND		9.3	0.23	ug/L		09/14/16 07:31	09/15/16 18:42	1
4-Nitrophenol	ND	F1 *	9.3	1.4	ug/L		09/14/16 07:31	09/15/16 18:42	1
Acenaphthene	ND		4.7	0.38	ug/L		09/14/16 07:31	09/15/16 18:42	1
Acenaphthylene	ND		4.7	0.35	ug/L		09/14/16 07:31	09/15/16 18:42	1
Acetophenone	ND	F2	4.7	0.50	ug/L		09/14/16 07:31	09/15/16 18:42	1
Aniline	ND		9.3	0.57	ug/L		09/14/16 07:31	09/15/16 18:42	1
Anthracene	ND		4.7	0.26	ug/L		09/14/16 07:31	09/15/16 18:42	1
Atrazine	ND		4.7	0.43	ug/L		09/14/16 07:31	09/15/16 18:42	1
Benzaldehyde	ND	F1 *	4.7	0.25	ug/L		09/14/16 07:31	09/15/16 18:42	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		09/14/16 07:31	09/15/16 18:42	1
Benzo(a)pyrene	ND	F2 F1	4.7	0.44	ug/L		09/14/16 07:31	09/15/16 18:42	1
Benzo(b)fluoranthene	ND	F2	4.7	0.32	ug/L		09/14/16 07:31	09/15/16 18:42	1
Benzo(g,h,i)perylene	ND	F2 F1	4.7	0.33	ug/L		09/14/16 07:31	09/15/16 18:42	1
Benzo(k)fluoranthene	ND	F1	4.7	0.68	ug/L		09/14/16 07:31	09/15/16 18:42	1
Biphenyl	ND		4.7	0.61	ug/L		09/14/16 07:31	09/15/16 18:42	1
bis (2-chloroisopropyl) ether	ND		4.7	0.48	ug/L		09/14/16 07:31	09/15/16 18:42	1
Bis(2-chloroethoxy)methane	ND	F2	4.7	0.33	ug/L		09/14/16 07:31	09/15/16 18:42	1
Bis(2-chloroethyl)ether	ND	F2	4.7	0.37	ug/L		09/14/16 07:31	09/15/16 18:42	1
Bis(2-ethylhexyl) phthalate	ND	F2 F1	4.7	2.0	ug/L		09/14/16 07:31	09/15/16 18:42	1
Butyl benzyl phthalate	ND		4.7	0.93	ug/L		09/14/16 07:31	09/15/16 18:42	1
Caprolactam	ND		4.7	2.0	ug/L		09/14/16 07:31	09/15/16 18:42	1
Carbazole	ND		4.7	0.28	ug/L		09/14/16 07:31	09/15/16 18:42	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E MW-E05_0916

Lab Sample ID: 480-105843-10

Date Collected: 09/13/16 08:35

Matrix: Ground Water

Date Received: 09/13/16 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND	F2 F1	4.7	0.31	ug/L		09/14/16 07:31	09/15/16 18:42	1
Dibenz(a,h)anthracene	ND	F2 F1	4.7	0.39	ug/L		09/14/16 07:31	09/15/16 18:42	1
Dibenzofuran	ND	F2	9.3	0.47	ug/L		09/14/16 07:31	09/15/16 18:42	1
Diethyl phthalate	ND	F2	4.7	0.20	ug/L		09/14/16 07:31	09/15/16 18:42	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		09/14/16 07:31	09/15/16 18:42	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		09/14/16 07:31	09/15/16 18:42	1
Di-n-octyl phthalate	ND	F2 F1	4.7	0.44	ug/L		09/14/16 07:31	09/15/16 18:42	1
Fluoranthene	ND		4.7	0.37	ug/L		09/14/16 07:31	09/15/16 18:42	1
Fluorene	ND		4.7	0.34	ug/L		09/14/16 07:31	09/15/16 18:42	1
Hexachlorobenzene	ND		4.7	0.47	ug/L		09/14/16 07:31	09/15/16 18:42	1
Hexachlorobutadiene	ND		4.7	0.63	ug/L		09/14/16 07:31	09/15/16 18:42	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		09/14/16 07:31	09/15/16 18:42	1
Hexachloroethane	ND		4.7	0.55	ug/L		09/14/16 07:31	09/15/16 18:42	1
Indeno(1,2,3-cd)pyrene	ND	F2 F1	4.7	0.44	ug/L		09/14/16 07:31	09/15/16 18:42	1
Isophorone	ND	F2	4.7	0.40	ug/L		09/14/16 07:31	09/15/16 18:42	1
Naphthalene	ND		4.7	0.71	ug/L		09/14/16 07:31	09/15/16 18:42	1
Nitrobenzene	ND		4.7	0.27	ug/L		09/14/16 07:31	09/15/16 18:42	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		09/14/16 07:31	09/15/16 18:42	1
N-Nitrosodiphenylamine	ND	F1	4.7	0.47	ug/L		09/14/16 07:31	09/15/16 18:42	1
Pentachlorophenol	ND		9.3	2.0	ug/L		09/14/16 07:31	09/15/16 18:42	1
Phenanthrene	ND		4.7	0.41	ug/L		09/14/16 07:31	09/15/16 18:42	1
Phenol	ND		4.7	0.36	ug/L		09/14/16 07:31	09/15/16 18:42	1
Pyrene	ND		4.7	0.32	ug/L		09/14/16 07:31	09/15/16 18:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	110		52 - 132	09/14/16 07:31	09/15/16 18:42	1
2-Fluorobiphenyl	88		48 - 120	09/14/16 07:31	09/15/16 18:42	1
2-Fluorophenol	62		20 - 120	09/14/16 07:31	09/15/16 18:42	1
Nitrobenzene-d5	90		46 - 120	09/14/16 07:31	09/15/16 18:42	1
Phenol-d5	46		16 - 120	09/14/16 07:31	09/15/16 18:42	1
p-Terphenyl-d14	84		67 - 150	09/14/16 07:31	09/15/16 18:42	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.70		0.20	0.060	mg/L		09/15/16 08:50	09/18/16 11:03	1
Antimony	ND		0.020	0.0068	mg/L		09/15/16 08:50	09/18/16 11:03	1
Arsenic	0.013	J	0.015	0.0056	mg/L		09/15/16 08:50	09/18/16 11:03	1
Barium	0.055		0.0020	0.00070	mg/L		09/15/16 08:50	09/18/16 11:03	1
Beryllium	ND		0.0020	0.00030	mg/L		09/15/16 08:50	09/18/16 11:03	1
Cadmium	0.036		0.0020	0.00050	mg/L		09/15/16 08:50	09/18/16 11:03	1
Calcium	322		0.50	0.10	mg/L		09/15/16 08:50	09/18/16 11:03	1
Chromium	0.0021	J	0.0040	0.0010	mg/L		09/15/16 08:50	09/18/16 11:03	1
Cobalt	0.050		0.0040	0.00063	mg/L		09/15/16 08:50	09/18/16 11:03	1
Copper	0.15		0.010	0.0016	mg/L		09/15/16 08:50	09/18/16 11:03	1
Iron	1.1		0.050	0.019	mg/L		09/15/16 08:50	09/18/16 11:03	1
Lead	0.060		0.010	0.0030	mg/L		09/15/16 08:50	09/18/16 11:03	1
Magnesium	35.3		0.20	0.043	mg/L		09/15/16 08:50	09/18/16 11:03	1
Manganese	0.23	B	0.0030	0.00040	mg/L		09/15/16 08:50	09/18/16 11:03	1
Nickel	0.074		0.010	0.0013	mg/L		09/15/16 08:50	09/18/16 11:03	1
Potassium	10.0	^	0.50	0.10	mg/L		09/15/16 08:50	09/18/16 11:03	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E MW-E05_0916

Lab Sample ID: 480-105843-10

Date Collected: 09/13/16 08:35

Matrix: Ground Water

Date Received: 09/13/16 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	0.044		0.025	0.0087	mg/L		09/15/16 08:50	09/18/16 11:03	1
Silver	ND		0.0060	0.0017	mg/L		09/15/16 08:50	09/18/16 11:03	1
Sodium	114		1.0	0.32	mg/L		09/15/16 08:50	09/18/16 11:03	1
Thallium	ND		0.020	0.010	mg/L		09/15/16 08:50	09/18/16 11:03	1
Vanadium	0.0018	J	0.0050	0.0015	mg/L		09/15/16 08:50	09/18/16 11:03	1
Zinc	10.3		0.010	0.0015	mg/L		09/15/16 08:50	09/18/16 11:03	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/14/16 08:10	09/14/16 14:53	1

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E MW-E06_0916

Lab Sample ID: 480-105843-11

Date Collected: 09/13/16 13:00

Matrix: Ground Water

Date Received: 09/13/16 15:55

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			09/17/16 06:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/17/16 06:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/17/16 06:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/17/16 06:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/17/16 06:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/17/16 06:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/17/16 06:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/17/16 06:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/17/16 06:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/17/16 06:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/17/16 06:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/17/16 06:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/17/16 06:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/17/16 06:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/17/16 06:53	1
2-Hexanone	ND		5.0	1.2	ug/L			09/17/16 06:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/17/16 06:53	1
Acetone	ND		10	3.0	ug/L			09/17/16 06:53	1
Benzene	ND		1.0	0.41	ug/L			09/17/16 06:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/17/16 06:53	1
Bromoform	ND		1.0	0.26	ug/L			09/17/16 06:53	1
Bromomethane	ND		1.0	0.69	ug/L			09/17/16 06:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/17/16 06:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/17/16 06:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/17/16 06:53	1
Chloroethane	ND		1.0	0.32	ug/L			09/17/16 06:53	1
Chloroform	ND		1.0	0.34	ug/L			09/17/16 06:53	1
Chloromethane	ND		1.0	0.35	ug/L			09/17/16 06:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/17/16 06:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/17/16 06:53	1
Cyclohexane	ND		1.0	0.18	ug/L			09/17/16 06:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/17/16 06:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/17/16 06:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/17/16 06:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/17/16 06:53	1
Methyl acetate	ND		2.5	1.3	ug/L			09/17/16 06:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/17/16 06:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/17/16 06:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/17/16 06:53	1
Styrene	ND		1.0	0.73	ug/L			09/17/16 06:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/17/16 06:53	1
Toluene	ND		1.0	0.51	ug/L			09/17/16 06:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/17/16 06:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/17/16 06:53	1
Trichloroethene	ND		1.0	0.46	ug/L			09/17/16 06:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/17/16 06:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/17/16 06:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/17/16 06:53	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E MW-E06_0916

Lab Sample ID: 480-105843-11

Date Collected: 09/13/16 13:00

Matrix: Ground Water

Date Received: 09/13/16 15:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		09/17/16 06:53	1
4-Bromofluorobenzene (Surr)	99		73 - 120		09/17/16 06:53	1
Toluene-d8 (Surr)	92		80 - 120		09/17/16 06:53	1
Dibromofluoromethane (Surr)	103		75 - 123		09/17/16 06:53	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		09/14/16 07:31	09/15/16 19:10	1
2,4,6-Trichlorophenol	ND		4.6	0.57	ug/L		09/14/16 07:31	09/15/16 19:10	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		09/14/16 07:31	09/15/16 19:10	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		09/14/16 07:31	09/15/16 19:10	1
2,4-Dinitrophenol	ND	*	9.3	2.1	ug/L		09/14/16 07:31	09/15/16 19:10	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		09/14/16 07:31	09/15/16 19:10	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		09/14/16 07:31	09/15/16 19:10	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		09/14/16 07:31	09/15/16 19:10	1
2-Chlorophenol	ND		4.6	0.49	ug/L		09/14/16 07:31	09/15/16 19:10	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		09/14/16 07:31	09/15/16 19:10	1
2-Methylphenol	ND		4.6	0.37	ug/L		09/14/16 07:31	09/15/16 19:10	1
2-Nitroaniline	ND		9.3	0.39	ug/L		09/14/16 07:31	09/15/16 19:10	1
2-Nitrophenol	ND		4.6	0.45	ug/L		09/14/16 07:31	09/15/16 19:10	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		09/14/16 07:31	09/15/16 19:10	1
3-Nitroaniline	ND		9.3	0.45	ug/L		09/14/16 07:31	09/15/16 19:10	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		09/14/16 07:31	09/15/16 19:10	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		09/14/16 07:31	09/15/16 19:10	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		09/14/16 07:31	09/15/16 19:10	1
4-Chloroaniline	ND		4.6	0.55	ug/L		09/14/16 07:31	09/15/16 19:10	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		09/14/16 07:31	09/15/16 19:10	1
4-Methylphenol	ND		9.3	0.33	ug/L		09/14/16 07:31	09/15/16 19:10	1
4-Nitroaniline	ND		9.3	0.23	ug/L		09/14/16 07:31	09/15/16 19:10	1
4-Nitrophenol	ND	*	9.3	1.4	ug/L		09/14/16 07:31	09/15/16 19:10	1
Acenaphthene	ND		4.6	0.38	ug/L		09/14/16 07:31	09/15/16 19:10	1
Acenaphthylene	ND		4.6	0.35	ug/L		09/14/16 07:31	09/15/16 19:10	1
Acetophenone	ND		4.6	0.50	ug/L		09/14/16 07:31	09/15/16 19:10	1
Aniline	ND		9.3	0.57	ug/L		09/14/16 07:31	09/15/16 19:10	1
Anthracene	ND		4.6	0.26	ug/L		09/14/16 07:31	09/15/16 19:10	1
Atrazine	ND		4.6	0.43	ug/L		09/14/16 07:31	09/15/16 19:10	1
Benzaldehyde	ND	*	4.6	0.25	ug/L		09/14/16 07:31	09/15/16 19:10	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		09/14/16 07:31	09/15/16 19:10	1
Benzo(a)pyrene	ND		4.6	0.44	ug/L		09/14/16 07:31	09/15/16 19:10	1
Benzo(b)fluoranthene	ND		4.6	0.32	ug/L		09/14/16 07:31	09/15/16 19:10	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		09/14/16 07:31	09/15/16 19:10	1
Benzo(k)fluoranthene	ND		4.6	0.68	ug/L		09/14/16 07:31	09/15/16 19:10	1
Biphenyl	ND		4.6	0.61	ug/L		09/14/16 07:31	09/15/16 19:10	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		09/14/16 07:31	09/15/16 19:10	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		09/14/16 07:31	09/15/16 19:10	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		09/14/16 07:31	09/15/16 19:10	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		09/14/16 07:31	09/15/16 19:10	1
Butyl benzyl phthalate	ND		4.6	0.93	ug/L		09/14/16 07:31	09/15/16 19:10	1
Caprolactam	ND		4.6	2.0	ug/L		09/14/16 07:31	09/15/16 19:10	1
Carbazole	ND		4.6	0.28	ug/L		09/14/16 07:31	09/15/16 19:10	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E MW-E06_0916

Lab Sample ID: 480-105843-11

Date Collected: 09/13/16 13:00

Matrix: Ground Water

Date Received: 09/13/16 15:55

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		09/14/16 07:31	09/15/16 19:10	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		09/14/16 07:31	09/15/16 19:10	1
Dibenzofuran	ND		9.3	0.47	ug/L		09/14/16 07:31	09/15/16 19:10	1
Diethyl phthalate	ND		4.6	0.20	ug/L		09/14/16 07:31	09/15/16 19:10	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		09/14/16 07:31	09/15/16 19:10	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		09/14/16 07:31	09/15/16 19:10	1
Di-n-octyl phthalate	ND		4.6	0.44	ug/L		09/14/16 07:31	09/15/16 19:10	1
Fluoranthene	ND		4.6	0.37	ug/L		09/14/16 07:31	09/15/16 19:10	1
Fluorene	ND		4.6	0.33	ug/L		09/14/16 07:31	09/15/16 19:10	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		09/14/16 07:31	09/15/16 19:10	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		09/14/16 07:31	09/15/16 19:10	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		09/14/16 07:31	09/15/16 19:10	1
Hexachloroethane	ND		4.6	0.55	ug/L		09/14/16 07:31	09/15/16 19:10	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.44	ug/L		09/14/16 07:31	09/15/16 19:10	1
Isophorone	ND		4.6	0.40	ug/L		09/14/16 07:31	09/15/16 19:10	1
Naphthalene	ND		4.6	0.71	ug/L		09/14/16 07:31	09/15/16 19:10	1
Nitrobenzene	ND		4.6	0.27	ug/L		09/14/16 07:31	09/15/16 19:10	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		09/14/16 07:31	09/15/16 19:10	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		09/14/16 07:31	09/15/16 19:10	1
Pentachlorophenol	ND		9.3	2.0	ug/L		09/14/16 07:31	09/15/16 19:10	1
Phenanthrene	ND		4.6	0.41	ug/L		09/14/16 07:31	09/15/16 19:10	1
Phenol	ND		4.6	0.36	ug/L		09/14/16 07:31	09/15/16 19:10	1
Pyrene	ND		4.6	0.32	ug/L		09/14/16 07:31	09/15/16 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	122		52 - 132	09/14/16 07:31	09/15/16 19:10	1
2-Fluorobiphenyl	88		48 - 120	09/14/16 07:31	09/15/16 19:10	1
2-Fluorophenol	69		20 - 120	09/14/16 07:31	09/15/16 19:10	1
Nitrobenzene-d5	90		46 - 120	09/14/16 07:31	09/15/16 19:10	1
Phenol-d5	51		16 - 120	09/14/16 07:31	09/15/16 19:10	1
p-Terphenyl-d14	81		67 - 150	09/14/16 07:31	09/15/16 19:10	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.20		0.20	0.060	mg/L		09/15/16 08:50	09/18/16 11:30	1
Antimony	ND		0.020	0.0068	mg/L		09/15/16 08:50	09/18/16 11:30	1
Arsenic	0.056		0.015	0.0056	mg/L		09/15/16 08:50	09/18/16 11:30	1
Barium	0.044		0.0020	0.00070	mg/L		09/15/16 08:50	09/18/16 11:30	1
Beryllium	ND		0.0020	0.00030	mg/L		09/15/16 08:50	09/18/16 11:30	1
Cadmium	0.00055	J	0.0020	0.00050	mg/L		09/15/16 08:50	09/18/16 11:30	1
Calcium	474		0.50	0.10	mg/L		09/15/16 08:50	09/18/16 11:30	1
Chromium	0.0012	J	0.0040	0.0010	mg/L		09/15/16 08:50	09/18/16 11:30	1
Cobalt	0.0081		0.0040	0.00063	mg/L		09/15/16 08:50	09/18/16 11:30	1
Copper	0.0082	J	0.010	0.0016	mg/L		09/15/16 08:50	09/18/16 11:30	1
Iron	46.3		0.050	0.019	mg/L		09/15/16 08:50	09/18/16 11:30	1
Lead	ND		0.010	0.0030	mg/L		09/15/16 08:50	09/18/16 11:30	1
Magnesium	30.8		0.20	0.043	mg/L		09/15/16 08:50	09/18/16 11:30	1
Manganese	1.5	B	0.0030	0.00040	mg/L		09/15/16 08:50	09/18/16 11:30	1
Nickel	0.0075	J	0.010	0.0013	mg/L		09/15/16 08:50	09/18/16 11:30	1
Potassium	6.4		0.50	0.10	mg/L		09/15/16 08:50	09/18/16 11:30	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E MW-E06_0916

Lab Sample ID: 480-105843-11

Date Collected: 09/13/16 13:00

Matrix: Ground Water

Date Received: 09/13/16 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/15/16 08:50	09/18/16 11:30	1
Silver	ND		0.0060	0.0017	mg/L		09/15/16 08:50	09/18/16 11:30	1
Sodium	45.7		1.0	0.32	mg/L		09/15/16 08:50	09/18/16 11:30	1
Thallium	ND		0.020	0.010	mg/L		09/15/16 08:50	09/18/16 11:30	1
Vanadium	ND		0.0050	0.0015	mg/L		09/15/16 08:50	09/18/16 11:30	1
Zinc	0.45		0.010	0.0015	mg/L		09/15/16 08:50	09/18/16 11:30	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/14/16 08:10	09/14/16 15:05	1

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E MW-E07_0916

Lab Sample ID: 480-105843-12

Date Collected: 09/13/16 11:40

Matrix: Ground Water

Date Received: 09/13/16 15:55

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			09/17/16 07:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/17/16 07:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/17/16 07:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/17/16 07:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/17/16 07:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/17/16 07:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/17/16 07:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/17/16 07:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/17/16 07:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/17/16 07:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/17/16 07:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/17/16 07:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/17/16 07:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/17/16 07:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/17/16 07:22	1
2-Hexanone	ND		5.0	1.2	ug/L			09/17/16 07:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/17/16 07:22	1
Acetone	ND		10	3.0	ug/L			09/17/16 07:22	1
Benzene	ND		1.0	0.41	ug/L			09/17/16 07:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/17/16 07:22	1
Bromoform	ND		1.0	0.26	ug/L			09/17/16 07:22	1
Bromomethane	ND		1.0	0.69	ug/L			09/17/16 07:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/17/16 07:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/17/16 07:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/17/16 07:22	1
Chloroethane	ND		1.0	0.32	ug/L			09/17/16 07:22	1
Chloroform	ND		1.0	0.34	ug/L			09/17/16 07:22	1
Chloromethane	ND		1.0	0.35	ug/L			09/17/16 07:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/17/16 07:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/17/16 07:22	1
Cyclohexane	ND		1.0	0.18	ug/L			09/17/16 07:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/17/16 07:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/17/16 07:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/17/16 07:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/17/16 07:22	1
Methyl acetate	ND		2.5	1.3	ug/L			09/17/16 07:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/17/16 07:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/17/16 07:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/17/16 07:22	1
Styrene	ND		1.0	0.73	ug/L			09/17/16 07:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/17/16 07:22	1
Toluene	ND		1.0	0.51	ug/L			09/17/16 07:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/17/16 07:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/17/16 07:22	1
Trichloroethene	ND		1.0	0.46	ug/L			09/17/16 07:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/17/16 07:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/17/16 07:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/17/16 07:22	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E MW-E07_0916

Lab Sample ID: 480-105843-12

Date Collected: 09/13/16 11:40

Matrix: Ground Water

Date Received: 09/13/16 15:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		09/17/16 07:22	1
4-Bromofluorobenzene (Surr)	95		73 - 120		09/17/16 07:22	1
Toluene-d8 (Surr)	93		80 - 120		09/17/16 07:22	1
Dibromofluoromethane (Surr)	104		75 - 123		09/17/16 07:22	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		09/14/16 07:31	09/15/16 19:39	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		09/14/16 07:31	09/15/16 19:39	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		09/14/16 07:31	09/15/16 19:39	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		09/14/16 07:31	09/15/16 19:39	1
2,4-Dinitrophenol	ND	*	9.3	2.1	ug/L		09/14/16 07:31	09/15/16 19:39	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		09/14/16 07:31	09/15/16 19:39	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		09/14/16 07:31	09/15/16 19:39	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		09/14/16 07:31	09/15/16 19:39	1
2-Chlorophenol	ND		4.6	0.49	ug/L		09/14/16 07:31	09/15/16 19:39	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		09/14/16 07:31	09/15/16 19:39	1
2-Methylphenol	ND		4.6	0.37	ug/L		09/14/16 07:31	09/15/16 19:39	1
2-Nitroaniline	ND		9.3	0.39	ug/L		09/14/16 07:31	09/15/16 19:39	1
2-Nitrophenol	ND		4.6	0.44	ug/L		09/14/16 07:31	09/15/16 19:39	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		09/14/16 07:31	09/15/16 19:39	1
3-Nitroaniline	ND		9.3	0.44	ug/L		09/14/16 07:31	09/15/16 19:39	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		09/14/16 07:31	09/15/16 19:39	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		09/14/16 07:31	09/15/16 19:39	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		09/14/16 07:31	09/15/16 19:39	1
4-Chloroaniline	ND		4.6	0.55	ug/L		09/14/16 07:31	09/15/16 19:39	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		09/14/16 07:31	09/15/16 19:39	1
4-Methylphenol	ND		9.3	0.33	ug/L		09/14/16 07:31	09/15/16 19:39	1
4-Nitroaniline	ND		9.3	0.23	ug/L		09/14/16 07:31	09/15/16 19:39	1
4-Nitrophenol	ND	*	9.3	1.4	ug/L		09/14/16 07:31	09/15/16 19:39	1
Acenaphthene	7.4		4.6	0.38	ug/L		09/14/16 07:31	09/15/16 19:39	1
Acenaphthylene	ND		4.6	0.35	ug/L		09/14/16 07:31	09/15/16 19:39	1
Acetophenone	ND		4.6	0.50	ug/L		09/14/16 07:31	09/15/16 19:39	1
Aniline	ND		9.3	0.56	ug/L		09/14/16 07:31	09/15/16 19:39	1
Anthracene	ND		4.6	0.26	ug/L		09/14/16 07:31	09/15/16 19:39	1
Atrazine	ND		4.6	0.43	ug/L		09/14/16 07:31	09/15/16 19:39	1
Benzaldehyde	ND	*	4.6	0.25	ug/L		09/14/16 07:31	09/15/16 19:39	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		09/14/16 07:31	09/15/16 19:39	1
Benzo(a)pyrene	ND		4.6	0.44	ug/L		09/14/16 07:31	09/15/16 19:39	1
Benzo(b)fluoranthene	ND		4.6	0.31	ug/L		09/14/16 07:31	09/15/16 19:39	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		09/14/16 07:31	09/15/16 19:39	1
Benzo(k)fluoranthene	ND		4.6	0.68	ug/L		09/14/16 07:31	09/15/16 19:39	1
Biphenyl	ND		4.6	0.60	ug/L		09/14/16 07:31	09/15/16 19:39	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		09/14/16 07:31	09/15/16 19:39	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		09/14/16 07:31	09/15/16 19:39	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		09/14/16 07:31	09/15/16 19:39	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		09/14/16 07:31	09/15/16 19:39	1
Butyl benzyl phthalate	ND		4.6	0.93	ug/L		09/14/16 07:31	09/15/16 19:39	1
Caprolactam	ND		4.6	2.0	ug/L		09/14/16 07:31	09/15/16 19:39	1
Carbazole	ND		4.6	0.28	ug/L		09/14/16 07:31	09/15/16 19:39	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E MW-E07_0916

Lab Sample ID: 480-105843-12

Date Collected: 09/13/16 11:40

Matrix: Ground Water

Date Received: 09/13/16 15:55

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		09/14/16 07:31	09/15/16 19:39	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		09/14/16 07:31	09/15/16 19:39	1
Dibenzofuran	ND		9.3	0.47	ug/L		09/14/16 07:31	09/15/16 19:39	1
Diethyl phthalate	ND		4.6	0.20	ug/L		09/14/16 07:31	09/15/16 19:39	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		09/14/16 07:31	09/15/16 19:39	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		09/14/16 07:31	09/15/16 19:39	1
Di-n-octyl phthalate	ND		4.6	0.44	ug/L		09/14/16 07:31	09/15/16 19:39	1
Fluoranthene	0.93	J	4.6	0.37	ug/L		09/14/16 07:31	09/15/16 19:39	1
Fluorene	0.88	J	4.6	0.33	ug/L		09/14/16 07:31	09/15/16 19:39	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		09/14/16 07:31	09/15/16 19:39	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		09/14/16 07:31	09/15/16 19:39	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		09/14/16 07:31	09/15/16 19:39	1
Hexachloroethane	ND		4.6	0.55	ug/L		09/14/16 07:31	09/15/16 19:39	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.44	ug/L		09/14/16 07:31	09/15/16 19:39	1
Isophorone	ND		4.6	0.40	ug/L		09/14/16 07:31	09/15/16 19:39	1
Naphthalene	ND		4.6	0.70	ug/L		09/14/16 07:31	09/15/16 19:39	1
Nitrobenzene	ND		4.6	0.27	ug/L		09/14/16 07:31	09/15/16 19:39	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		09/14/16 07:31	09/15/16 19:39	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		09/14/16 07:31	09/15/16 19:39	1
Pentachlorophenol	ND		9.3	2.0	ug/L		09/14/16 07:31	09/15/16 19:39	1
Phenanthrene	ND		4.6	0.41	ug/L		09/14/16 07:31	09/15/16 19:39	1
Phenol	ND		4.6	0.36	ug/L		09/14/16 07:31	09/15/16 19:39	1
Pyrene	0.95	J	4.6	0.31	ug/L		09/14/16 07:31	09/15/16 19:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	99		52 - 132	09/14/16 07:31	09/15/16 19:39	1
2-Fluorobiphenyl	71		48 - 120	09/14/16 07:31	09/15/16 19:39	1
2-Fluorophenol	48		20 - 120	09/14/16 07:31	09/15/16 19:39	1
Nitrobenzene-d5	66		46 - 120	09/14/16 07:31	09/15/16 19:39	1
Phenol-d5	37		16 - 120	09/14/16 07:31	09/15/16 19:39	1
p-Terphenyl-d14	62	X	67 - 150	09/14/16 07:31	09/15/16 19:39	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.18	J	0.20	0.060	mg/L		09/15/16 08:50	09/18/16 11:34	1
Antimony	ND		0.020	0.0068	mg/L		09/15/16 08:50	09/18/16 11:34	1
Arsenic	0.072		0.015	0.0056	mg/L		09/15/16 08:50	09/18/16 11:34	1
Barium	0.026		0.0020	0.00070	mg/L		09/15/16 08:50	09/18/16 11:34	1
Beryllium	ND		0.0020	0.00030	mg/L		09/15/16 08:50	09/18/16 11:34	1
Cadmium	ND		0.0020	0.00050	mg/L		09/15/16 08:50	09/18/16 11:34	1
Calcium	189		0.50	0.10	mg/L		09/15/16 08:50	09/18/16 11:34	1
Chromium	0.0014	J	0.0040	0.0010	mg/L		09/15/16 08:50	09/18/16 11:34	1
Cobalt	0.0064		0.0040	0.00063	mg/L		09/15/16 08:50	09/18/16 11:34	1
Copper	0.012		0.010	0.0016	mg/L		09/15/16 08:50	09/18/16 11:34	1
Iron	29.7		0.050	0.019	mg/L		09/15/16 08:50	09/18/16 11:34	1
Lead	0.010		0.010	0.0030	mg/L		09/15/16 08:50	09/18/16 11:34	1
Magnesium	18.8		0.20	0.043	mg/L		09/15/16 08:50	09/18/16 11:34	1
Manganese	0.57	B	0.0030	0.00040	mg/L		09/15/16 08:50	09/18/16 11:34	1
Nickel	0.0072	J	0.010	0.0013	mg/L		09/15/16 08:50	09/18/16 11:34	1
Potassium	13.2		0.50	0.10	mg/L		09/15/16 08:50	09/18/16 11:34	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E MW-E07_0916

Lab Sample ID: 480-105843-12

Date Collected: 09/13/16 11:40

Matrix: Ground Water

Date Received: 09/13/16 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/15/16 08:50	09/18/16 11:34	1
Silver	ND		0.0060	0.0017	mg/L		09/15/16 08:50	09/18/16 11:34	1
Sodium	20.6		1.0	0.32	mg/L		09/15/16 08:50	09/18/16 11:34	1
Thallium	ND		0.020	0.010	mg/L		09/15/16 08:50	09/18/16 11:34	1
Vanadium	ND		0.0050	0.0015	mg/L		09/15/16 08:50	09/18/16 11:34	1
Zinc	0.37		0.010	0.0015	mg/L		09/15/16 08:50	09/18/16 11:34	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/14/16 08:10	09/14/16 15:07	1

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E_MW-E05 D_0916

Lab Sample ID: 480-105843-13

Date Collected: 09/13/16 08:50

Matrix: Ground Water

Date Received: 09/13/16 15:55

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			09/17/16 11:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/17/16 11:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/17/16 11:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/17/16 11:38	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/17/16 11:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/17/16 11:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/17/16 11:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/17/16 11:38	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/17/16 11:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/17/16 11:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/17/16 11:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/17/16 11:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/17/16 11:38	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/17/16 11:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/17/16 11:38	1
2-Hexanone	ND		5.0	1.2	ug/L			09/17/16 11:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/17/16 11:38	1
Acetone	ND		10	3.0	ug/L			09/17/16 11:38	1
Benzene	ND		1.0	0.41	ug/L			09/17/16 11:38	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/17/16 11:38	1
Bromoform	ND		1.0	0.26	ug/L			09/17/16 11:38	1
Bromomethane	ND		1.0	0.69	ug/L			09/17/16 11:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/17/16 11:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/17/16 11:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/17/16 11:38	1
Chloroethane	ND		1.0	0.32	ug/L			09/17/16 11:38	1
Chloroform	ND		1.0	0.34	ug/L			09/17/16 11:38	1
Chloromethane	ND		1.0	0.35	ug/L			09/17/16 11:38	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/17/16 11:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/17/16 11:38	1
Cyclohexane	ND		1.0	0.18	ug/L			09/17/16 11:38	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/17/16 11:38	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/17/16 11:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/17/16 11:38	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/17/16 11:38	1
Methyl acetate	ND		2.5	1.3	ug/L			09/17/16 11:38	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/17/16 11:38	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/17/16 11:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/17/16 11:38	1
Styrene	ND		1.0	0.73	ug/L			09/17/16 11:38	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/17/16 11:38	1
Toluene	ND		1.0	0.51	ug/L			09/17/16 11:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/17/16 11:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/17/16 11:38	1
Trichloroethene	ND		1.0	0.46	ug/L			09/17/16 11:38	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/17/16 11:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/17/16 11:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/17/16 11:38	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E_MW-E05 D_0916

Lab Sample ID: 480-105843-13

Date Collected: 09/13/16 08:50

Matrix: Ground Water

Date Received: 09/13/16 15:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		09/17/16 11:38	1
4-Bromofluorobenzene (Surr)	98		73 - 120		09/17/16 11:38	1
Toluene-d8 (Surr)	100		80 - 120		09/17/16 11:38	1
Dibromofluoromethane (Surr)	107		75 - 123		09/17/16 11:38	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		09/14/16 07:31	09/16/16 14:29	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		09/14/16 07:31	09/16/16 14:29	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		09/14/16 07:31	09/16/16 14:29	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		09/14/16 07:31	09/16/16 14:29	1
2,4-Dinitrophenol	ND	*	9.3	2.1	ug/L		09/14/16 07:31	09/16/16 14:29	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		09/14/16 07:31	09/16/16 14:29	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		09/14/16 07:31	09/16/16 14:29	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		09/14/16 07:31	09/16/16 14:29	1
2-Chlorophenol	ND		4.7	0.50	ug/L		09/14/16 07:31	09/16/16 14:29	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		09/14/16 07:31	09/16/16 14:29	1
2-Methylphenol	ND		4.7	0.37	ug/L		09/14/16 07:31	09/16/16 14:29	1
2-Nitroaniline	ND		9.3	0.39	ug/L		09/14/16 07:31	09/16/16 14:29	1
2-Nitrophenol	ND		4.7	0.45	ug/L		09/14/16 07:31	09/16/16 14:29	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		09/14/16 07:31	09/16/16 14:29	1
3-Nitroaniline	ND		9.3	0.45	ug/L		09/14/16 07:31	09/16/16 14:29	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.1	ug/L		09/14/16 07:31	09/16/16 14:29	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		09/14/16 07:31	09/16/16 14:29	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		09/14/16 07:31	09/16/16 14:29	1
4-Chloroaniline	ND		4.7	0.55	ug/L		09/14/16 07:31	09/16/16 14:29	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		09/14/16 07:31	09/16/16 14:29	1
4-Methylphenol	ND		9.3	0.34	ug/L		09/14/16 07:31	09/16/16 14:29	1
4-Nitroaniline	ND		9.3	0.23	ug/L		09/14/16 07:31	09/16/16 14:29	1
4-Nitrophenol	ND	*	9.3	1.4	ug/L		09/14/16 07:31	09/16/16 14:29	1
Acenaphthene	ND		4.7	0.38	ug/L		09/14/16 07:31	09/16/16 14:29	1
Acenaphthylene	ND		4.7	0.36	ug/L		09/14/16 07:31	09/16/16 14:29	1
Acetophenone	ND		4.7	0.50	ug/L		09/14/16 07:31	09/16/16 14:29	1
Aniline	ND		9.3	0.57	ug/L		09/14/16 07:31	09/16/16 14:29	1
Anthracene	ND		4.7	0.26	ug/L		09/14/16 07:31	09/16/16 14:29	1
Atrazine	ND		4.7	0.43	ug/L		09/14/16 07:31	09/16/16 14:29	1
Benzaldehyde	ND	*	4.7	0.25	ug/L		09/14/16 07:31	09/16/16 14:29	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		09/14/16 07:31	09/16/16 14:29	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		09/14/16 07:31	09/16/16 14:29	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		09/14/16 07:31	09/16/16 14:29	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		09/14/16 07:31	09/16/16 14:29	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		09/14/16 07:31	09/16/16 14:29	1
Biphenyl	ND		4.7	0.61	ug/L		09/14/16 07:31	09/16/16 14:29	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		09/14/16 07:31	09/16/16 14:29	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		09/14/16 07:31	09/16/16 14:29	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		09/14/16 07:31	09/16/16 14:29	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		09/14/16 07:31	09/16/16 14:29	1
Butyl benzyl phthalate	ND		4.7	0.93	ug/L		09/14/16 07:31	09/16/16 14:29	1
Caprolactam	ND		4.7	2.1	ug/L		09/14/16 07:31	09/16/16 14:29	1
Carbazole	ND		4.7	0.28	ug/L		09/14/16 07:31	09/16/16 14:29	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E_MW-E05 D_0916

Lab Sample ID: 480-105843-13

Date Collected: 09/13/16 08:50

Matrix: Ground Water

Date Received: 09/13/16 15:55

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		09/14/16 07:31	09/16/16 14:29	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		09/14/16 07:31	09/16/16 14:29	1
Dibenzofuran	ND		9.3	0.48	ug/L		09/14/16 07:31	09/16/16 14:29	1
Diethyl phthalate	ND		4.7	0.21	ug/L		09/14/16 07:31	09/16/16 14:29	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		09/14/16 07:31	09/16/16 14:29	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		09/14/16 07:31	09/16/16 14:29	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		09/14/16 07:31	09/16/16 14:29	1
Fluoranthene	ND		4.7	0.37	ug/L		09/14/16 07:31	09/16/16 14:29	1
Fluorene	ND		4.7	0.34	ug/L		09/14/16 07:31	09/16/16 14:29	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		09/14/16 07:31	09/16/16 14:29	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		09/14/16 07:31	09/16/16 14:29	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		09/14/16 07:31	09/16/16 14:29	1
Hexachloroethane	ND		4.7	0.55	ug/L		09/14/16 07:31	09/16/16 14:29	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		09/14/16 07:31	09/16/16 14:29	1
Isophorone	ND		4.7	0.40	ug/L		09/14/16 07:31	09/16/16 14:29	1
Naphthalene	ND		4.7	0.71	ug/L		09/14/16 07:31	09/16/16 14:29	1
Nitrobenzene	ND		4.7	0.27	ug/L		09/14/16 07:31	09/16/16 14:29	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		09/14/16 07:31	09/16/16 14:29	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		09/14/16 07:31	09/16/16 14:29	1
Pentachlorophenol	ND		9.3	2.1	ug/L		09/14/16 07:31	09/16/16 14:29	1
Phenanthrene	ND		4.7	0.41	ug/L		09/14/16 07:31	09/16/16 14:29	1
Phenol	ND		4.7	0.36	ug/L		09/14/16 07:31	09/16/16 14:29	1
Pyrene	ND		4.7	0.32	ug/L		09/14/16 07:31	09/16/16 14:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	108		52 - 132	09/14/16 07:31	09/16/16 14:29	1
2-Fluorobiphenyl	87		48 - 120	09/14/16 07:31	09/16/16 14:29	1
2-Fluorophenol	60		20 - 120	09/14/16 07:31	09/16/16 14:29	1
Nitrobenzene-d5	85		46 - 120	09/14/16 07:31	09/16/16 14:29	1
Phenol-d5	45		16 - 120	09/14/16 07:31	09/16/16 14:29	1
p-Terphenyl-d14	83		67 - 150	09/14/16 07:31	09/16/16 14:29	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.91		0.20	0.060	mg/L		09/15/16 08:50	09/18/16 11:37	1
Antimony	ND		0.020	0.0068	mg/L		09/15/16 08:50	09/18/16 11:37	1
Arsenic	0.013	J	0.015	0.0056	mg/L		09/15/16 08:50	09/18/16 11:37	1
Barium	0.055		0.0020	0.00070	mg/L		09/15/16 08:50	09/18/16 11:37	1
Beryllium	ND		0.0020	0.00030	mg/L		09/15/16 08:50	09/18/16 11:37	1
Cadmium	0.036		0.0020	0.00050	mg/L		09/15/16 08:50	09/18/16 11:37	1
Calcium	325		0.50	0.10	mg/L		09/15/16 08:50	09/18/16 11:37	1
Chromium	0.0016	J	0.0040	0.0010	mg/L		09/15/16 08:50	09/18/16 11:37	1
Cobalt	0.054		0.0040	0.00063	mg/L		09/15/16 08:50	09/18/16 11:37	1
Copper	0.16		0.010	0.0016	mg/L		09/15/16 08:50	09/18/16 11:37	1
Iron	1.4		0.050	0.019	mg/L		09/15/16 08:50	09/18/16 11:37	1
Lead	0.059		0.010	0.0030	mg/L		09/15/16 08:50	09/18/16 11:37	1
Magnesium	35.2		0.20	0.043	mg/L		09/15/16 08:50	09/18/16 11:37	1
Manganese	0.23	B	0.0030	0.00040	mg/L		09/15/16 08:50	09/18/16 11:37	1
Nickel	0.078		0.010	0.0013	mg/L		09/15/16 08:50	09/18/16 11:37	1
Potassium	10.1		0.50	0.10	mg/L		09/15/16 08:50	09/18/16 11:37	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E_MW-E05 D_0916

Lab Sample ID: 480-105843-13

Date Collected: 09/13/16 08:50

Matrix: Ground Water

Date Received: 09/13/16 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	0.047		0.025	0.0087	mg/L		09/15/16 08:50	09/18/16 11:37	1
Silver	ND		0.0060	0.0017	mg/L		09/15/16 08:50	09/18/16 11:37	1
Sodium	112		1.0	0.32	mg/L		09/15/16 08:50	09/18/16 11:37	1
Thallium	ND		0.020	0.010	mg/L		09/15/16 08:50	09/18/16 11:37	1
Vanadium	0.0025	J	0.0050	0.0015	mg/L		09/15/16 08:50	09/18/16 11:37	1
Zinc	10.7		0.010	0.0015	mg/L		09/15/16 08:50	09/18/16 11:37	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/14/16 08:10	09/14/16 15:09	1

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-105843-14

Date Collected: 09/13/16 00:00

Matrix: Water

Date Received: 09/13/16 15:55

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			09/17/16 12:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/17/16 12:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/17/16 12:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/17/16 12:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/17/16 12:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/17/16 12:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/17/16 12:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/17/16 12:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/17/16 12:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/17/16 12:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/17/16 12:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/17/16 12:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/17/16 12:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/17/16 12:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/17/16 12:01	1
2-Hexanone	ND		5.0	1.2	ug/L			09/17/16 12:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/17/16 12:01	1
Acetone	ND		10	3.0	ug/L			09/17/16 12:01	1
Benzene	ND		1.0	0.41	ug/L			09/17/16 12:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/17/16 12:01	1
Bromoform	ND		1.0	0.26	ug/L			09/17/16 12:01	1
Bromomethane	ND		1.0	0.69	ug/L			09/17/16 12:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/17/16 12:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/17/16 12:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/17/16 12:01	1
Chloroethane	ND		1.0	0.32	ug/L			09/17/16 12:01	1
Chloroform	ND		1.0	0.34	ug/L			09/17/16 12:01	1
Chloromethane	ND		1.0	0.35	ug/L			09/17/16 12:01	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/17/16 12:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/17/16 12:01	1
Cyclohexane	ND		1.0	0.18	ug/L			09/17/16 12:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/17/16 12:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/17/16 12:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/17/16 12:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/17/16 12:01	1
Methyl acetate	ND		2.5	1.3	ug/L			09/17/16 12:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/17/16 12:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/17/16 12:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/17/16 12:01	1
Styrene	ND		1.0	0.73	ug/L			09/17/16 12:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/17/16 12:01	1
Toluene	ND		1.0	0.51	ug/L			09/17/16 12:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/17/16 12:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/17/16 12:01	1
Trichloroethene	ND		1.0	0.46	ug/L			09/17/16 12:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/17/16 12:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/17/16 12:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/17/16 12:01	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-105843-14

Date Collected: 09/13/16 00:00

Matrix: Water

Date Received: 09/13/16 15:55

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		09/17/16 12:01	1
4-Bromofluorobenzene (Surr)	97		73 - 120		09/17/16 12:01	1
Toluene-d8 (Surr)	99		80 - 120		09/17/16 12:01	1
Dibromofluoromethane (Surr)	106		75 - 123		09/17/16 12:01	1

Surrogate Summary

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

TestAmerica Job ID: 480-105843-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-105843-1	BCC Area E R-10_0916	116	99	93	110
480-105843-2	BCC Area E R-11_0916	107	97	94	106
480-105843-3	BCC Area E RFI-17_0916	108	93	94	105
480-105843-4	BCC Area E RFI-29_0916	106	94	94	102
480-105843-5	BCC Area E RFI-32_0916	109	98	92	108
480-105843-5 - DL	BCC Area E RFI-32_0916	100	97	92	93
480-105843-6	BCC Area E RFI-33_0916	107	93	92	99
480-105843-7	BCC Area E RFI-51_0916	108	96	96	103
480-105843-8	BCC Area E MW-E03_0916	112	95	95	106
480-105843-9	BCC Area E MW-E04_0916	105	97	94	104
480-105843-10	BCC Area E MW-E05_0916	106	100	99	106
480-105843-10 MS	BCC Area E MW-E05 MS_0916	99	104	100	100
480-105843-10 MSD	BCC Area E MW-E05 MSD_0916	102	103	98	102
480-105843-11	BCC Area E MW-E06_0916	105	99	92	103
480-105843-12	BCC Area E MW-E07_0916	110	95	93	104
480-105843-13	BCC Area E_MW-E05 D_0916	106	98	100	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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-105843-14	TRIP BLANK	108	97	99	106
LCS 480-320684/29	Lab Control Sample	107	103	98	108
LCS 480-320781/4	Lab Control Sample	101	102	99	94
LCS 480-320845/5	Lab Control Sample	95	106	100	91
LCS 480-320854/4	Lab Control Sample	100	104	103	105
MB 480-320684/6	Method Blank	114	100	97	110
MB 480-320781/6	Method Blank	106	96	95	103
MB 480-320845/7	Method Blank	90	90	89	87
MB 480-320854/6	Method Blank	106	101	99	105

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

Surrogate Summary

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

TestAmerica Job ID: 480-105843-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-105843-1	BCC Area E R-10_0916	107	74	55	77	41	69
480-105843-2	BCC Area E R-11_0916	112	80	54	75	43	79
480-105843-3	BCC Area E RFI-17_0916	90	65	43	62	36	64 X
480-105843-4	BCC Area E RFI-29_0916	115	85	65	86	48	90
480-105843-5	BCC Area E RFI-32_0916	93	66	46	62	34	59 X
480-105843-6	BCC Area E RFI-33_0916	103	60	41	55	33	72
480-105843-7	BCC Area E RFI-51_0916	125	96	77	101	59	93
480-105843-8	BCC Area E MW-E03_0916	120	84	61	80	46	83
480-105843-9	BCC Area E MW-E04_0916	77	82	58	73	40	71
480-105843-10	BCC Area E MW-E05_0916	110	88	62	90	46	84
480-105843-10 MS	BCC Area E MW-E05 MS_0916	104	75	54	72	44	58 X
480-105843-10 MSD	BCC Area E MW-E05 MSD_0916	113	90	67	87	52	70
480-105843-11	BCC Area E MW-E06_0916	122	88	69	90	51	81
480-105843-12	BCC Area E MW-E07_0916	99	71	48	66	37	62 X
480-105843-13	BCC Area E_MW-E05 D_0916	108	87	60	85	45	83

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
LCS 480-320189/2-A	Lab Control Sample	126	96	79	96	62	104
MB 480-320189/1-A	Method Blank	115	88	68	88	52	108

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPH = p-Terphenyl-d14

QC Sample Results

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

TestAmerica Job ID: 480-105843-1

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

Lab Sample ID: MB 480-320684/6

Matrix: Water

Analysis Batch: 320684

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			09/16/16 11:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/16/16 11:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/16/16 11:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/16/16 11:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/16/16 11:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/16/16 11:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/16/16 11:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/16/16 11:40	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/16/16 11:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/16/16 11:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/16/16 11:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/16/16 11:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/16/16 11:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/16/16 11:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/16/16 11:40	1
2-Hexanone	ND		5.0	1.2	ug/L			09/16/16 11:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/16/16 11:40	1
Acetone	ND		10	3.0	ug/L			09/16/16 11:40	1
Benzene	ND		1.0	0.41	ug/L			09/16/16 11:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/16/16 11:40	1
Bromoform	ND		1.0	0.26	ug/L			09/16/16 11:40	1
Bromomethane	ND		1.0	0.69	ug/L			09/16/16 11:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/16/16 11:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/16/16 11:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/16/16 11:40	1
Chloroethane	ND		1.0	0.32	ug/L			09/16/16 11:40	1
Chloroform	ND		1.0	0.34	ug/L			09/16/16 11:40	1
Chloromethane	ND		1.0	0.35	ug/L			09/16/16 11:40	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/16/16 11:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/16/16 11:40	1
Cyclohexane	ND		1.0	0.18	ug/L			09/16/16 11:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/16/16 11:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/16/16 11:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/16/16 11:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/16/16 11:40	1
Methyl acetate	ND		2.5	1.3	ug/L			09/16/16 11:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/16/16 11:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/16/16 11:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/16/16 11:40	1
Styrene	ND		1.0	0.73	ug/L			09/16/16 11:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/16/16 11:40	1
Toluene	ND		1.0	0.51	ug/L			09/16/16 11:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/16/16 11:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/16/16 11:40	1
Trichloroethene	ND		1.0	0.46	ug/L			09/16/16 11:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/16/16 11:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/16/16 11:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/16/16 11:40	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-105843-1

<i>Surrogate</i>	<i>MB</i> <i>%Recovery</i>	<i>MB</i> <i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	114		77 - 120		09/16/16 11:40	1
4-Bromofluorobenzene (Surr)	100		73 - 120		09/16/16 11:40	1
Toluene-d8 (Surr)	97		80 - 120		09/16/16 11:40	1
Dibromofluoromethane (Surr)	110		75 - 123		09/16/16 11:40	1

Lab Sample ID: LCS 480-320684/29

Matrix: Water

Analysis Batch: 320684

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

<i>Analyte</i>	<i>Spike</i> <i>Added</i>	<i>LCS</i> <i>Result</i>	<i>LCS</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>
1,1,1-Trichloroethane	25.0	26.6		ug/L		106	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.9		ug/L		96	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.9		ug/L		95	61 - 148
1,1,2-Trichloroethane	25.0	24.1		ug/L		97	76 - 122
1,1-Dichloroethane	25.0	25.1		ug/L		100	77 - 120
1,1-Dichloroethene	25.0	22.7		ug/L		91	66 - 127
1,2,4-Trichlorobenzene	25.0	23.2		ug/L		93	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	24.3		ug/L		97	56 - 134
1,2-Dibromoethane	25.0	25.4		ug/L		101	77 - 120
1,2-Dichlorobenzene	25.0	23.5		ug/L		94	80 - 124
1,2-Dichloroethane	25.0	26.0		ug/L		104	75 - 120
1,2-Dichloropropane	25.0	23.3		ug/L		93	76 - 120
1,3-Dichlorobenzene	25.0	23.8		ug/L		95	77 - 120
1,4-Dichlorobenzene	25.0	24.3		ug/L		97	80 - 120
2-Butanone (MEK)	125	129		ug/L		103	57 - 140
2-Hexanone	125	131		ug/L		105	65 - 127
4-Methyl-2-pentanone (MIBK)	125	126		ug/L		101	71 - 125
Acetone	125	143		ug/L		114	56 - 142
Benzene	25.0	24.1		ug/L		96	71 - 124
Bromodichloromethane	25.0	26.3		ug/L		105	80 - 122
Bromoform	25.0	25.8		ug/L		103	61 - 132
Bromomethane	25.0	28.8		ug/L		115	55 - 144
Carbon disulfide	25.0	23.2		ug/L		93	59 - 134
Carbon tetrachloride	25.0	25.6		ug/L		103	72 - 134
Chlorobenzene	25.0	24.2		ug/L		97	80 - 120
Chloroethane	25.0	28.0		ug/L		112	69 - 136
Chloroform	25.0	25.2		ug/L		101	73 - 127
Chloromethane	25.0	23.8		ug/L		95	68 - 124
cis-1,2-Dichloroethene	25.0	25.4		ug/L		102	74 - 124
cis-1,3-Dichloropropene	25.0	25.3		ug/L		101	74 - 124
Cyclohexane	25.0	23.0		ug/L		92	59 - 135
Dibromochloromethane	25.0	26.1		ug/L		105	75 - 125
Dichlorodifluoromethane	25.0	25.4		ug/L		102	59 - 135
Ethylbenzene	25.0	24.0		ug/L		96	77 - 123
Isopropylbenzene	25.0	23.5		ug/L		94	77 - 122
Methyl acetate	125	119		ug/L		95	74 - 133
Methyl tert-butyl ether	25.0	25.4		ug/L		102	77 - 120
Methylcyclohexane	25.0	24.0		ug/L		96	68 - 134
Methylene Chloride	25.0	26.2		ug/L		105	75 - 124
Styrene	25.0	24.9		ug/L		100	80 - 120
Tetrachloroethene	25.0	24.4		ug/L		98	74 - 122
Toluene	25.0	23.6		ug/L		94	80 - 122
trans-1,2-Dichloroethene	25.0	24.2		ug/L		97	73 - 127

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-105843-1

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

Lab Sample ID: LCS 480-320684/29

Matrix: Water

Analysis Batch: 320684

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	25.2		ug/L		101	80 - 120
Trichloroethene	25.0	24.2		ug/L		97	74 - 123
Trichlorofluoromethane	25.0	28.7		ug/L		115	62 - 150
Vinyl chloride	25.0	23.9		ug/L		95	65 - 133
Xylenes, Total	50.0	48.0		ug/L		96	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		77 - 120
4-Bromofluorobenzene (Surr)	103		73 - 120
Toluene-d8 (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	108		75 - 123

Lab Sample ID: MB 480-320781/6

Matrix: Water

Analysis Batch: 320781

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			09/16/16 23:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/16/16 23:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/16/16 23:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/16/16 23:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/16/16 23:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/16/16 23:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/16/16 23:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/16/16 23:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/16/16 23:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/16/16 23:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/16/16 23:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/16/16 23:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/16/16 23:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/16/16 23:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/16/16 23:22	1
2-Hexanone	ND		5.0	1.2	ug/L			09/16/16 23:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/16/16 23:22	1
Acetone	ND		10	3.0	ug/L			09/16/16 23:22	1
Benzene	ND		1.0	0.41	ug/L			09/16/16 23:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/16/16 23:22	1
Bromoform	ND		1.0	0.26	ug/L			09/16/16 23:22	1
Bromomethane	ND		1.0	0.69	ug/L			09/16/16 23:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/16/16 23:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/16/16 23:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/16/16 23:22	1
Chloroethane	ND		1.0	0.32	ug/L			09/16/16 23:22	1
Chloroform	ND		1.0	0.34	ug/L			09/16/16 23:22	1
Chloromethane	ND		1.0	0.35	ug/L			09/16/16 23:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/16/16 23:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/16/16 23:22	1
Cyclohexane	ND		1.0	0.18	ug/L			09/16/16 23:22	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-105843-1

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

Lab Sample ID: MB 480-320781/6

Matrix: Water

Analysis Batch: 320781

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			09/16/16 23:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/16/16 23:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/16/16 23:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/16/16 23:22	1
Methyl acetate	ND		2.5	1.3	ug/L			09/16/16 23:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/16/16 23:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/16/16 23:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/16/16 23:22	1
Styrene	ND		1.0	0.73	ug/L			09/16/16 23:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/16/16 23:22	1
Toluene	ND		1.0	0.51	ug/L			09/16/16 23:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/16/16 23:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/16/16 23:22	1
Trichloroethene	ND		1.0	0.46	ug/L			09/16/16 23:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/16/16 23:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/16/16 23:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/16/16 23:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		09/16/16 23:22	1
4-Bromofluorobenzene (Surr)	96		73 - 120		09/16/16 23:22	1
Toluene-d8 (Surr)	95		80 - 120		09/16/16 23:22	1
Dibromofluoromethane (Surr)	103		75 - 123		09/16/16 23:22	1

Lab Sample ID: LCS 480-320781/4

Matrix: Water

Analysis Batch: 320781

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	23.7		ug/L		95	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.7		ug/L		91	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.1		ug/L		92	61 - 148
1,1,2-Trichloroethane	25.0	23.7		ug/L		95	76 - 122
1,1-Dichloroethane	25.0	24.1		ug/L		97	77 - 120
1,1-Dichloroethene	25.0	23.7		ug/L		95	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	25.6		ug/L		102	77 - 120
1,2-Dichlorobenzene	25.0	23.0		ug/L		92	80 - 124
1,2-Dichloroethane	25.0	23.6		ug/L		94	75 - 120
1,2-Dichloropropane	25.0	23.9		ug/L		96	76 - 120
1,3-Dichlorobenzene	25.0	23.4		ug/L		93	77 - 120
1,4-Dichlorobenzene	25.0	22.3		ug/L		89	80 - 120
2-Butanone (MEK)	125	131		ug/L		105	57 - 140
2-Hexanone	125	142		ug/L		114	65 - 127
4-Methyl-2-pentanone (MIBK)	125	135		ug/L		108	71 - 125
Acetone	125	123		ug/L		99	56 - 142

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-105843-1

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

Lab Sample ID: LCS 480-320781/4

Matrix: Water

Analysis Batch: 320781

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	24.2		ug/L		97	71 - 124
Bromodichloromethane	25.0	23.8		ug/L		95	80 - 122
Bromoform	25.0	25.4		ug/L		101	61 - 132
Bromomethane	25.0	23.4		ug/L		94	55 - 144
Carbon disulfide	25.0	22.1		ug/L		88	59 - 134
Carbon tetrachloride	25.0	24.0		ug/L		96	72 - 134
Chlorobenzene	25.0	22.9		ug/L		92	80 - 120
Chloroethane	25.0	23.6		ug/L		94	69 - 136
Chloroform	25.0	21.9		ug/L		88	73 - 127
Chloromethane	25.0	21.4		ug/L		86	68 - 124
cis-1,2-Dichloroethene	25.0	24.5		ug/L		98	74 - 124
cis-1,3-Dichloropropene	25.0	25.9		ug/L		104	74 - 124
Cyclohexane	25.0	25.8		ug/L		103	59 - 135
Dibromochloromethane	25.0	23.7		ug/L		95	75 - 125
Dichlorodifluoromethane	25.0	20.6		ug/L		82	59 - 135
Ethylbenzene	25.0	23.5		ug/L		94	77 - 123
Isopropylbenzene	25.0	23.4		ug/L		94	77 - 122
Methyl acetate	125	128		ug/L		102	74 - 133
Methyl tert-butyl ether	25.0	25.8		ug/L		103	77 - 120
Methylcyclohexane	25.0	25.8		ug/L		103	68 - 134
Methylene Chloride	25.0	24.8		ug/L		99	75 - 124
Styrene	25.0	25.8		ug/L		103	80 - 120
Tetrachloroethene	25.0	24.4		ug/L		98	74 - 122
Toluene	25.0	23.0		ug/L		92	80 - 122
trans-1,2-Dichloroethene	25.0	23.5		ug/L		94	73 - 127
trans-1,3-Dichloropropene	25.0	25.6		ug/L		102	80 - 120
Trichloroethene	25.0	24.4		ug/L		98	74 - 123
Trichlorofluoromethane	25.0	23.3		ug/L		93	62 - 150
Vinyl chloride	25.0	23.0		ug/L		92	65 - 133
Xylenes, Total	50.0	51.1		ug/L		102	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		77 - 120
4-Bromofluorobenzene (Surr)	102		73 - 120
Toluene-d8 (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	94		75 - 123

Lab Sample ID: MB 480-320845/7

Matrix: Water

Analysis Batch: 320845

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			09/17/16 12:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/17/16 12:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/17/16 12:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/17/16 12:08	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/17/16 12:08	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/17/16 12:08	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-105843-1

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

Lab Sample ID: MB 480-320845/7

Matrix: Water

Analysis Batch: 320845

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			09/17/16 12:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/17/16 12:08	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/17/16 12:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/17/16 12:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/17/16 12:08	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/17/16 12:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/17/16 12:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/17/16 12:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/17/16 12:08	1
2-Hexanone	ND		5.0	1.2	ug/L			09/17/16 12:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/17/16 12:08	1
Acetone	ND		10	3.0	ug/L			09/17/16 12:08	1
Benzene	ND		1.0	0.41	ug/L			09/17/16 12:08	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/17/16 12:08	1
Bromoform	ND		1.0	0.26	ug/L			09/17/16 12:08	1
Bromomethane	ND		1.0	0.69	ug/L			09/17/16 12:08	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/17/16 12:08	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/17/16 12:08	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/17/16 12:08	1
Chloroethane	ND		1.0	0.32	ug/L			09/17/16 12:08	1
Chloroform	ND		1.0	0.34	ug/L			09/17/16 12:08	1
Chloromethane	ND		1.0	0.35	ug/L			09/17/16 12:08	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/17/16 12:08	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/17/16 12:08	1
Cyclohexane	ND		1.0	0.18	ug/L			09/17/16 12:08	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/17/16 12:08	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/17/16 12:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/17/16 12:08	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/17/16 12:08	1
Methyl acetate	ND		2.5	1.3	ug/L			09/17/16 12:08	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/17/16 12:08	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/17/16 12:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/17/16 12:08	1
Styrene	ND		1.0	0.73	ug/L			09/17/16 12:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/17/16 12:08	1
Toluene	ND		1.0	0.51	ug/L			09/17/16 12:08	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/17/16 12:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/17/16 12:08	1
Trichloroethene	ND		1.0	0.46	ug/L			09/17/16 12:08	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/17/16 12:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/17/16 12:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/17/16 12:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		77 - 120		09/17/16 12:08	1
4-Bromofluorobenzene (Surr)	90		73 - 120		09/17/16 12:08	1
Toluene-d8 (Surr)	89		80 - 120		09/17/16 12:08	1
Dibromofluoromethane (Surr)	87		75 - 123		09/17/16 12:08	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-105843-1

Lab Sample ID: LCS 480-320845/5

Matrix: Water

Analysis Batch: 320845

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	23.2		ug/L		93	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.6		ug/L		94	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.5		ug/L		86	61 - 148
1,1,2-Trichloroethane	25.0	23.9		ug/L		95	76 - 122
1,1-Dichloroethane	25.0	23.7		ug/L		95	77 - 120
1,1-Dichloroethene	25.0	22.8		ug/L		91	66 - 127
1,2,4-Trichlorobenzene	25.0	24.0		ug/L		96	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.2		ug/L		93	56 - 134
1,2-Dibromoethane	25.0	25.7		ug/L		103	77 - 120
1,2-Dichlorobenzene	25.0	23.8		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	22.7		ug/L		91	75 - 120
1,2-Dichloropropane	25.0	23.6		ug/L		95	76 - 120
1,3-Dichlorobenzene	25.0	23.9		ug/L		96	77 - 120
1,4-Dichlorobenzene	25.0	23.0		ug/L		92	80 - 120
2-Butanone (MEK)	125	130		ug/L		104	57 - 140
2-Hexanone	125	143		ug/L		115	65 - 127
4-Methyl-2-pentanone (MIBK)	125	136		ug/L		109	71 - 125
Acetone	125	118		ug/L		95	56 - 142
Benzene	25.0	23.2		ug/L		93	71 - 124
Bromodichloromethane	25.0	23.3		ug/L		93	80 - 122
Bromoform	25.0	25.6		ug/L		102	61 - 132
Bromomethane	25.0	21.9		ug/L		87	55 - 144
Carbon disulfide	25.0	21.4		ug/L		86	59 - 134
Carbon tetrachloride	25.0	23.3		ug/L		93	72 - 134
Chlorobenzene	25.0	23.0		ug/L		92	80 - 120
Chloroethane	25.0	22.2		ug/L		89	69 - 136
Chloroform	25.0	21.6		ug/L		86	73 - 127
Chloromethane	25.0	19.5		ug/L		78	68 - 124
cis-1,2-Dichloroethene	25.0	24.1		ug/L		96	74 - 124
cis-1,3-Dichloropropene	25.0	25.6		ug/L		102	74 - 124
Cyclohexane	25.0	24.6		ug/L		98	59 - 135
Dibromochloromethane	25.0	23.7		ug/L		95	75 - 125
Dichlorodifluoromethane	25.0	16.6		ug/L		66	59 - 135
Ethylbenzene	25.0	23.7		ug/L		95	77 - 123
Isopropylbenzene	25.0	24.0		ug/L		96	77 - 122
Methyl acetate	125	126		ug/L		101	74 - 133
Methyl tert-butyl ether	25.0	25.7		ug/L		103	77 - 120
Methylcyclohexane	25.0	24.6		ug/L		99	68 - 134
Methylene Chloride	25.0	24.1		ug/L		96	75 - 124
Styrene	25.0	26.3		ug/L		105	80 - 120
Tetrachloroethene	25.0	24.2		ug/L		97	74 - 122
Toluene	25.0	23.4		ug/L		94	80 - 122
trans-1,2-Dichloroethene	25.0	23.0		ug/L		92	73 - 127
trans-1,3-Dichloropropene	25.0	25.8		ug/L		103	80 - 120
Trichloroethene	25.0	23.3		ug/L		93	74 - 123
Trichlorofluoromethane	25.0	21.5		ug/L		86	62 - 150
Vinyl chloride	25.0	21.2		ug/L		85	65 - 133
Xylenes, Total	50.0	51.1		ug/L		102	76 - 122

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-105843-1

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

Lab Sample ID: LCS 480-320845/5

Matrix: Water

Analysis Batch: 320845

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		77 - 120
4-Bromofluorobenzene (Surr)	106		73 - 120
Toluene-d8 (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	91		75 - 123

Lab Sample ID: MB 480-320854/6

Matrix: Water

Analysis Batch: 320854

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			09/17/16 10:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/17/16 10:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/17/16 10:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/17/16 10:23	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/17/16 10:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/17/16 10:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/17/16 10:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/17/16 10:23	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/17/16 10:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/17/16 10:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/17/16 10:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/17/16 10:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/17/16 10:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/17/16 10:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/17/16 10:23	1
2-Hexanone	ND		5.0	1.2	ug/L			09/17/16 10:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/17/16 10:23	1
Acetone	ND		10	3.0	ug/L			09/17/16 10:23	1
Benzene	ND		1.0	0.41	ug/L			09/17/16 10:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/17/16 10:23	1
Bromoform	ND		1.0	0.26	ug/L			09/17/16 10:23	1
Bromomethane	ND		1.0	0.69	ug/L			09/17/16 10:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/17/16 10:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/17/16 10:23	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/17/16 10:23	1
Chloroethane	ND		1.0	0.32	ug/L			09/17/16 10:23	1
Chloroform	ND		1.0	0.34	ug/L			09/17/16 10:23	1
Chloromethane	ND		1.0	0.35	ug/L			09/17/16 10:23	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/17/16 10:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/17/16 10:23	1
Cyclohexane	ND		1.0	0.18	ug/L			09/17/16 10:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/17/16 10:23	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/17/16 10:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/17/16 10:23	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/17/16 10:23	1
Methyl acetate	ND		2.5	1.3	ug/L			09/17/16 10:23	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/17/16 10:23	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/17/16 10:23	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-105843-1

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

Lab Sample ID: MB 480-320854/6

Matrix: Water

Analysis Batch: 320854

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		1.0	0.44	ug/L			09/17/16 10:23	1
Styrene	ND		1.0	0.73	ug/L			09/17/16 10:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/17/16 10:23	1
Toluene	ND		1.0	0.51	ug/L			09/17/16 10:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/17/16 10:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/17/16 10:23	1
Trichloroethene	ND		1.0	0.46	ug/L			09/17/16 10:23	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/17/16 10:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/17/16 10:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/17/16 10:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		09/17/16 10:23	1
4-Bromofluorobenzene (Surr)	101		73 - 120		09/17/16 10:23	1
Toluene-d8 (Surr)	99		80 - 120		09/17/16 10:23	1
Dibromofluoromethane (Surr)	105		75 - 123		09/17/16 10:23	1

Lab Sample ID: LCS 480-320854/4

Matrix: Water

Analysis Batch: 320854

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	21.3		ug/L		85	73 - 126
1,1,1,2-Tetrachloroethane	25.0	22.2		ug/L		89	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.3		ug/L		89	61 - 148
1,1,2-Trichloroethane	25.0	23.2		ug/L		93	76 - 122
1,1-Dichloroethane	25.0	22.2		ug/L		89	77 - 120
1,1-Dichloroethene	25.0	21.5		ug/L		86	66 - 127
1,2,4-Trichlorobenzene	25.0	20.8		ug/L		83	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	20.4		ug/L		82	56 - 134
1,2-Dibromoethane	25.0	22.6		ug/L		91	77 - 120
1,2-Dichlorobenzene	25.0	22.0		ug/L		88	80 - 124
1,2-Dichloroethane	25.0	22.4		ug/L		90	75 - 120
1,2-Dichloropropane	25.0	22.4		ug/L		90	76 - 120
1,3-Dichlorobenzene	25.0	21.8		ug/L		87	77 - 120
1,4-Dichlorobenzene	25.0	21.1		ug/L		84	80 - 120
2-Butanone (MEK)	125	147		ug/L		118	57 - 140
2-Hexanone	125	141		ug/L		113	65 - 127
4-Methyl-2-pentanone (MIBK)	125	131		ug/L		105	71 - 125
Acetone	125	176		ug/L		141	56 - 142
Benzene	25.0	21.9		ug/L		88	71 - 124
Bromodichloromethane	25.0	21.7		ug/L		87	80 - 122
Bromoform	25.0	22.6		ug/L		90	61 - 132
Bromomethane	25.0	21.8		ug/L		87	55 - 144
Carbon disulfide	25.0	21.6		ug/L		87	59 - 134
Carbon tetrachloride	25.0	21.5		ug/L		86	72 - 134
Chlorobenzene	25.0	23.3		ug/L		93	80 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-105843-1

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

Lab Sample ID: LCS 480-320854/4

Matrix: Water

Analysis Batch: 320854

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	25.0	20.3		ug/L		81	69 - 136
Chloroform	25.0	22.7		ug/L		91	73 - 127
Chloromethane	25.0	23.0		ug/L		92	68 - 124
cis-1,2-Dichloroethene	25.0	21.4		ug/L		86	74 - 124
cis-1,3-Dichloropropene	25.0	20.3		ug/L		81	74 - 124
Cyclohexane	25.0	19.1		ug/L		77	59 - 135
Dibromochloromethane	25.0	22.8		ug/L		91	75 - 125
Dichlorodifluoromethane	25.0	15.2		ug/L		61	59 - 135
Ethylbenzene	25.0	22.3		ug/L		89	77 - 123
Isopropylbenzene	25.0	20.8		ug/L		83	77 - 122
Methyl acetate	125	128		ug/L		103	74 - 133
Methyl tert-butyl ether	25.0	21.7		ug/L		87	77 - 120
Methylcyclohexane	25.0	21.3		ug/L		85	68 - 134
Methylene Chloride	25.0	23.9		ug/L		96	75 - 124
Styrene	25.0	21.8		ug/L		87	80 - 120
Tetrachloroethene	25.0	23.0		ug/L		92	74 - 122
Toluene	25.0	22.2		ug/L		89	80 - 122
trans-1,2-Dichloroethene	25.0	21.3		ug/L		85	73 - 127
trans-1,3-Dichloropropene	25.0	20.7		ug/L		83	80 - 120
Trichloroethene	25.0	21.9		ug/L		87	74 - 123
Trichlorofluoromethane	25.0	28.0		ug/L		112	62 - 150
Vinyl chloride	25.0	22.4		ug/L		90	65 - 133
Xylenes, Total	50.0	44.5		ug/L		89	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		77 - 120
4-Bromofluorobenzene (Surr)	104		73 - 120
Toluene-d8 (Surr)	103		80 - 120
Dibromofluoromethane (Surr)	105		75 - 123

Lab Sample ID: 480-105843-10 MS

Matrix: Ground Water

Analysis Batch: 320854

Client Sample ID: BCC Area E MW-E05 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	25.6		ug/L		102	73 - 126
1,1,1,2-Tetrachloroethane	ND		25.0	22.6		ug/L		90	76 - 120
1,1,1,2-Trichloro-1,1,2-trifluoroethane	ND		25.0	25.3		ug/L		101	61 - 148
1,1,2-Trichloroethane	ND		25.0	25.1		ug/L		100	76 - 122
1,1-Dichloroethane	ND		25.0	25.3		ug/L		101	77 - 120
1,1-Dichloroethene	ND		25.0	27.6		ug/L		110	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	23.2		ug/L		93	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	19.6		ug/L		78	56 - 134
1,2-Dibromoethane	ND		25.0	23.7		ug/L		95	77 - 120
1,2-Dichlorobenzene	ND		25.0	23.8		ug/L		95	80 - 124
1,2-Dichloroethane	ND		25.0	24.1		ug/L		96	75 - 120
1,2-Dichloropropane	ND		25.0	24.3		ug/L		97	76 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-105843-1

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

Lab Sample ID: 480-105843-10 MS

Matrix: Ground Water

Analysis Batch: 320854

Client Sample ID: BCC Area E MW-E05 MS_0916

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	ND		25.0	24.6		ug/L		98	77 - 120
1,4-Dichlorobenzene	ND		25.0	24.2		ug/L		97	78 - 124
2-Butanone (MEK)	ND		125	131		ug/L		105	57 - 140
2-Hexanone	ND		125	134		ug/L		107	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	132		ug/L		106	71 - 125
Acetone	3.1	J	125	127		ug/L		99	56 - 142
Benzene	ND		25.0	25.3		ug/L		101	71 - 124
Bromodichloromethane	ND		25.0	23.7		ug/L		95	80 - 122
Bromoform	ND		25.0	23.9		ug/L		96	61 - 132
Bromomethane	ND		25.0	20.1		ug/L		81	55 - 144
Carbon disulfide	ND		25.0	28.0		ug/L		112	59 - 134
Carbon tetrachloride	ND		25.0	25.5		ug/L		102	72 - 134
Chlorobenzene	ND		25.0	26.2		ug/L		105	80 - 120
Chloroethane	ND		25.0	19.9		ug/L		80	69 - 136
Chloroform	ND		25.0	25.3		ug/L		101	73 - 127
Chloromethane	ND		25.0	18.7		ug/L		75	68 - 124
cis-1,2-Dichloroethene	ND		25.0	24.0		ug/L		96	74 - 124
cis-1,3-Dichloropropene	ND		25.0	21.8		ug/L		87	74 - 124
Cyclohexane	ND		25.0	25.8		ug/L		103	59 - 135
Dibromochloromethane	ND		25.0	25.2		ug/L		101	75 - 125
Dichlorodifluoromethane	ND		25.0	15.4		ug/L		62	59 - 135
Ethylbenzene	ND		25.0	25.9		ug/L		104	77 - 123
Isopropylbenzene	ND		25.0	24.1		ug/L		97	77 - 122
Methyl acetate	ND		125	120		ug/L		96	74 - 133
Methyl tert-butyl ether	ND		25.0	23.0		ug/L		92	77 - 120
Methylcyclohexane	ND		25.0	24.1		ug/L		96	68 - 134
Methylene Chloride	ND		25.0	26.0		ug/L		104	75 - 124
Styrene	ND		25.0	25.2		ug/L		101	80 - 120
Tetrachloroethene	ND		25.0	28.2		ug/L		113	74 - 122
Toluene	ND		25.0	25.2		ug/L		101	80 - 122
trans-1,2-Dichloroethene	ND		25.0	25.4		ug/L		101	73 - 127
trans-1,3-Dichloropropene	ND		25.0	21.9		ug/L		87	80 - 120
Trichloroethene	ND		25.0	24.6		ug/L		98	74 - 123
Trichlorofluoromethane	ND		25.0	28.6		ug/L		115	62 - 150
Vinyl chloride	ND		25.0	22.8		ug/L		91	65 - 133
Xylenes, Total	ND		50.0	51.7		ug/L		103	76 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		77 - 120
4-Bromofluorobenzene (Surr)	104		73 - 120
Toluene-d8 (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	100		75 - 123

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-105843-1

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

Lab Sample ID: 480-105843-10 MSD

Matrix: Ground Water

Analysis Batch: 320854

Client Sample ID: BCC Area E MW-E05 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	28.3		ug/L		113	73 - 126	10	15
1,1,2,2-Tetrachloroethane	ND		25.0	22.9		ug/L		92	76 - 120	2	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	27.1		ug/L		108	61 - 148	7	20
1,1,2-Trichloroethane	ND		25.0	25.4		ug/L		102	76 - 122	1	15
1,1-Dichloroethane	ND		25.0	26.2		ug/L		105	77 - 120	3	20
1,1-Dichloroethene	ND		25.0	27.1		ug/L		109	66 - 127	2	16
1,2,4-Trichlorobenzene	ND		25.0	24.2		ug/L		97	79 - 122	4	20
1,2-Dibromo-3-Chloropropane	ND		25.0	21.4		ug/L		86	56 - 134	9	15
1,2-Dibromoethane	ND		25.0	24.1		ug/L		96	77 - 120	2	15
1,2-Dichlorobenzene	ND		25.0	23.9		ug/L		96	80 - 124	1	20
1,2-Dichloroethane	ND		25.0	24.9		ug/L		100	75 - 120	3	20
1,2-Dichloropropane	ND		25.0	24.9		ug/L		100	76 - 120	3	20
1,3-Dichlorobenzene	ND		25.0	24.7		ug/L		99	77 - 120	0	20
1,4-Dichlorobenzene	ND		25.0	25.1		ug/L		100	78 - 124	4	20
2-Butanone (MEK)	ND		125	133		ug/L		107	57 - 140	2	20
2-Hexanone	ND		125	135		ug/L		108	65 - 127	1	15
4-Methyl-2-pentanone (MIBK)	ND		125	134		ug/L		107	71 - 125	2	35
Acetone	3.1 J		125	134		ug/L		105	56 - 142	6	15
Benzene	ND		25.0	26.0		ug/L		104	71 - 124	3	13
Bromodichloromethane	ND		25.0	24.7		ug/L		99	80 - 122	4	15
Bromoform	ND		25.0	23.9		ug/L		96	61 - 132	0	15
Bromomethane	ND		25.0	19.9		ug/L		80	55 - 144	1	15
Carbon disulfide	ND		25.0	27.8		ug/L		111	59 - 134	1	15
Carbon tetrachloride	ND		25.0	27.8		ug/L		111	72 - 134	9	15
Chlorobenzene	ND		25.0	26.3		ug/L		105	80 - 120	1	25
Chloroethane	ND		25.0	20.4		ug/L		82	69 - 136	3	15
Chloroform	ND		25.0	25.7		ug/L		103	73 - 127	1	20
Chloromethane	ND		25.0	20.7		ug/L		83	68 - 124	10	15
cis-1,2-Dichloroethene	ND		25.0	25.8		ug/L		103	74 - 124	7	15
cis-1,3-Dichloropropene	ND		25.0	22.1		ug/L		88	74 - 124	1	15
Cyclohexane	ND		25.0	27.1		ug/L		108	59 - 135	5	20
Dibromochloromethane	ND		25.0	25.6		ug/L		102	75 - 125	2	15
Dichlorodifluoromethane	ND		25.0	16.0		ug/L		64	59 - 135	4	20
Ethylbenzene	ND		25.0	26.0		ug/L		104	77 - 123	0	15
Isopropylbenzene	ND		25.0	25.0		ug/L		100	77 - 122	3	20
Methyl acetate	ND		125	125		ug/L		100	74 - 133	4	20
Methyl tert-butyl ether	ND		25.0	24.2		ug/L		97	77 - 120	5	37
Methylcyclohexane	ND		25.0	26.8		ug/L		107	68 - 134	10	20
Methylene Chloride	ND		25.0	26.7		ug/L		107	75 - 124	2	15
Styrene	ND		25.0	24.9		ug/L		100	80 - 120	1	20
Tetrachloroethene	ND		25.0	27.5		ug/L		110	74 - 122	2	20
Toluene	ND		25.0	25.4		ug/L		101	80 - 122	1	15
trans-1,2-Dichloroethene	ND		25.0	25.0		ug/L		100	73 - 127	1	20
trans-1,3-Dichloropropene	ND		25.0	22.7		ug/L		91	80 - 120	4	15
Trichloroethene	ND		25.0	23.7		ug/L		95	74 - 123	4	16
Trichlorofluoromethane	ND		25.0	29.4		ug/L		117	62 - 150	3	20
Vinyl chloride	ND		25.0	23.1		ug/L		92	65 - 133	1	15

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-105843-1

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

Lab Sample ID: 480-105843-10 MSD

Matrix: Ground Water

Analysis Batch: 320854

Client Sample ID: BCC Area E MW-E05 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
Xylenes, Total	ND		50.0	51.7		ug/L		103	76 - 122	0	16
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	102		77 - 120								
4-Bromofluorobenzene (Surr)	103		73 - 120								
Toluene-d8 (Surr)	98		80 - 120								
Dibromofluoromethane (Surr)	102		75 - 123								

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

Lab Sample ID: MB 480-320189/1-A

Matrix: Water

Analysis Batch: 320468

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 320189

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/14/16 07:31	09/15/16 12:30	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/14/16 07:31	09/15/16 12:30	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/14/16 07:31	09/15/16 12:30	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/14/16 07:31	09/15/16 12:30	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/14/16 07:31	09/15/16 12:30	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/14/16 07:31	09/15/16 12:30	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/14/16 07:31	09/15/16 12:30	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/14/16 07:31	09/15/16 12:30	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/14/16 07:31	09/15/16 12:30	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/14/16 07:31	09/15/16 12:30	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/14/16 07:31	09/15/16 12:30	1
2-Nitroaniline	ND		10	0.42	ug/L		09/14/16 07:31	09/15/16 12:30	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/14/16 07:31	09/15/16 12:30	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/14/16 07:31	09/15/16 12:30	1
3-Nitroaniline	ND		10	0.48	ug/L		09/14/16 07:31	09/15/16 12:30	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/14/16 07:31	09/15/16 12:30	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/14/16 07:31	09/15/16 12:30	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/14/16 07:31	09/15/16 12:30	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/14/16 07:31	09/15/16 12:30	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/14/16 07:31	09/15/16 12:30	1
4-Methylphenol	ND		10	0.36	ug/L		09/14/16 07:31	09/15/16 12:30	1
4-Nitroaniline	ND		10	0.25	ug/L		09/14/16 07:31	09/15/16 12:30	1
4-Nitrophenol	ND		10	1.5	ug/L		09/14/16 07:31	09/15/16 12:30	1
Acenaphthene	ND		5.0	0.41	ug/L		09/14/16 07:31	09/15/16 12:30	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/14/16 07:31	09/15/16 12:30	1
Acetophenone	ND		5.0	0.54	ug/L		09/14/16 07:31	09/15/16 12:30	1
Aniline	ND		10	0.61	ug/L		09/14/16 07:31	09/15/16 12:30	1
Anthracene	ND		5.0	0.28	ug/L		09/14/16 07:31	09/15/16 12:30	1
Atrazine	ND		5.0	0.46	ug/L		09/14/16 07:31	09/15/16 12:30	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/14/16 07:31	09/15/16 12:30	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/14/16 07:31	09/15/16 12:30	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/14/16 07:31	09/15/16 12:30	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/14/16 07:31	09/15/16 12:30	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-105843-1

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

Lab Sample ID: MB 480-320189/1-A

Matrix: Water

Analysis Batch: 320468

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 320189

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/14/16 07:31	09/15/16 12:30	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/14/16 07:31	09/15/16 12:30	1
Biphenyl	ND		5.0	0.65	ug/L		09/14/16 07:31	09/15/16 12:30	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/14/16 07:31	09/15/16 12:30	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/14/16 07:31	09/15/16 12:30	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/14/16 07:31	09/15/16 12:30	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/14/16 07:31	09/15/16 12:30	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/14/16 07:31	09/15/16 12:30	1
Caprolactam	ND		5.0	2.2	ug/L		09/14/16 07:31	09/15/16 12:30	1
Carbazole	ND		5.0	0.30	ug/L		09/14/16 07:31	09/15/16 12:30	1
Chrysene	ND		5.0	0.33	ug/L		09/14/16 07:31	09/15/16 12:30	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/14/16 07:31	09/15/16 12:30	1
Dibenzofuran	ND		10	0.51	ug/L		09/14/16 07:31	09/15/16 12:30	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/14/16 07:31	09/15/16 12:30	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/14/16 07:31	09/15/16 12:30	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/14/16 07:31	09/15/16 12:30	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/14/16 07:31	09/15/16 12:30	1
Fluoranthene	ND		5.0	0.40	ug/L		09/14/16 07:31	09/15/16 12:30	1
Fluorene	ND		5.0	0.36	ug/L		09/14/16 07:31	09/15/16 12:30	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/14/16 07:31	09/15/16 12:30	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/14/16 07:31	09/15/16 12:30	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/14/16 07:31	09/15/16 12:30	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/14/16 07:31	09/15/16 12:30	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/14/16 07:31	09/15/16 12:30	1
Isophorone	ND		5.0	0.43	ug/L		09/14/16 07:31	09/15/16 12:30	1
Naphthalene	ND		5.0	0.76	ug/L		09/14/16 07:31	09/15/16 12:30	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/14/16 07:31	09/15/16 12:30	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/14/16 07:31	09/15/16 12:30	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/14/16 07:31	09/15/16 12:30	1
Pentachlorophenol	ND		10	2.2	ug/L		09/14/16 07:31	09/15/16 12:30	1
Phenanthrene	ND		5.0	0.44	ug/L		09/14/16 07:31	09/15/16 12:30	1
Phenol	ND		5.0	0.39	ug/L		09/14/16 07:31	09/15/16 12:30	1
Pyrene	ND		5.0	0.34	ug/L		09/14/16 07:31	09/15/16 12:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	115		52 - 132	09/14/16 07:31	09/15/16 12:30	1
2-Fluorobiphenyl	88		48 - 120	09/14/16 07:31	09/15/16 12:30	1
2-Fluorophenol	68		20 - 120	09/14/16 07:31	09/15/16 12:30	1
Nitrobenzene-d5	88		46 - 120	09/14/16 07:31	09/15/16 12:30	1
Phenol-d5	52		16 - 120	09/14/16 07:31	09/15/16 12:30	1
p-Terphenyl-d14	108		67 - 150	09/14/16 07:31	09/15/16 12:30	1

Lab Sample ID: LCS 480-320189/2-A

Matrix: Water

Analysis Batch: 320468

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 320189

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	16.0	19.9		ug/L		124	65 - 126

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-105843-1

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

Lab Sample ID: LCS 480-320189/2-A

Matrix: Water

Analysis Batch: 320468

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 320189

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,6-Trichlorophenol	16.0	18.8		ug/L		117	64 - 120
2,4-Dichlorophenol	16.0	15.7		ug/L		98	64 - 120
2,4-Dimethylphenol	16.0	15.2		ug/L		95	57 - 120
2,4-Dinitrophenol	32.0	50.5	*	ug/L		158	42 - 153
2,4-Dinitrotoluene	16.0	17.5		ug/L		109	65 - 154
2,6-Dinitrotoluene	16.0	16.5		ug/L		103	74 - 134
2-Chloronaphthalene	16.0	15.0		ug/L		94	41 - 124
2-Chlorophenol	16.0	14.3		ug/L		90	48 - 120
2-Methylnaphthalene	16.0	14.5		ug/L		90	34 - 122
2-Methylphenol	16.0	14.0		ug/L		88	39 - 120
2-Nitroaniline	16.0	16.9		ug/L		106	67 - 136
2-Nitrophenol	16.0	15.8		ug/L		99	59 - 120
3,3'-Dichlorobenzidine	32.0	43.2		ug/L		135	33 - 140
3-Nitroaniline	16.0	14.9		ug/L		93	28 - 130
4,6-Dinitro-2-methylphenol	32.0	45.0		ug/L		141	64 - 159
4-Bromophenyl phenyl ether	16.0	16.5		ug/L		103	71 - 126
4-Chloro-3-methylphenol	16.0	16.2		ug/L		101	64 - 120
4-Chloroaniline	16.0	12.6		ug/L		79	10 - 130
4-Chlorophenyl phenyl ether	16.0	16.1		ug/L		101	71 - 122
4-Methylphenol	16.0	13.5		ug/L		85	39 - 120
4-Nitroaniline	16.0	17.6		ug/L		110	47 - 130
4-Nitrophenol	32.0	43.4	*	ug/L		136	16 - 120
Acenaphthene	16.0	15.0		ug/L		94	60 - 120
Acenaphthylene	16.0	14.8		ug/L		93	63 - 120
Acetophenone	16.0	15.3		ug/L		96	45 - 120
Aniline	16.0	10.1		ug/L		63	37 - 120
Anthracene	16.0	16.7		ug/L		104	58 - 148
Atrazine	32.0	39.3		ug/L		123	56 - 179
Benzaldehyde	32.0	9.32	*	ug/L		29	30 - 140
Benzo(a)anthracene	16.0	17.3		ug/L		108	55 - 151
Benzo(a)pyrene	16.0	15.8		ug/L		99	60 - 145
Benzo(b)fluoranthene	16.0	17.4		ug/L		109	54 - 140
Benzo(g,h,i)perylene	16.0	17.7		ug/L		111	66 - 152
Benzo(k)fluoranthene	16.0	15.9		ug/L		99	51 - 153
Biphenyl	16.0	15.4		ug/L		96	30 - 140
bis (2-chloroisopropyl) ether	16.0	13.7		ug/L		85	28 - 136
Bis(2-chloroethoxy)methane	16.0	14.4		ug/L		90	50 - 128
Bis(2-chloroethyl)ether	16.0	14.0		ug/L		87	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	18.1		ug/L		113	53 - 158
Butyl benzyl phthalate	16.0	17.4		ug/L		108	58 - 163
Caprolactam	32.0	12.3		ug/L		38	14 - 130
Carbazole	16.0	17.2		ug/L		107	59 - 148
Chrysene	16.0	15.8		ug/L		99	69 - 140
Dibenz(a,h)anthracene	16.0	16.9		ug/L		106	57 - 148
Dibenzofuran	16.0	16.0		ug/L		100	49 - 137
Diethyl phthalate	16.0	17.3		ug/L		108	59 - 146
Dimethyl phthalate	16.0	18.3		ug/L		114	59 - 141
Di-n-butyl phthalate	16.0	18.0		ug/L		112	58 - 149

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-105843-1

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

Lab Sample ID: LCS 480-320189/2-A

Matrix: Water

Analysis Batch: 320468

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 320189

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-octyl phthalate	16.0	17.8		ug/L		111	55 - 167
Fluoranthene	16.0	17.8		ug/L		111	55 - 147
Fluorene	16.0	16.5		ug/L		103	55 - 143
Hexachlorobenzene	16.0	16.9		ug/L		106	14 - 130
Hexachlorobutadiene	16.0	14.1		ug/L		88	14 - 130
Hexachlorocyclopentadiene	16.0	11.3		ug/L		71	13 - 130
Hexachloroethane	16.0	13.3		ug/L		83	14 - 130
Indeno(1,2,3-cd)pyrene	16.0	17.1		ug/L		107	69 - 146
Isophorone	16.0	14.8		ug/L		93	48 - 133
Naphthalene	16.0	14.0		ug/L		87	35 - 130
Nitrobenzene	16.0	14.9		ug/L		93	45 - 123
N-Nitrosodi-n-propylamine	16.0	13.7		ug/L		86	56 - 120
N-Nitrosodiphenylamine	16.0	15.7		ug/L		98	25 - 125
Pentachlorophenol	32.0	39.6		ug/L		124	39 - 136
Phenanthrene	16.0	16.2		ug/L		101	57 - 147
Phenol	16.0	10.7		ug/L		67	17 - 120
Pyrene	16.0	16.2		ug/L		101	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	126		52 - 132
2-Fluorobiphenyl	96		48 - 120
2-Fluorophenol	79		20 - 120
Nitrobenzene-d5	96		46 - 120
Phenol-d5	62		16 - 120
p-Terphenyl-d14	104		67 - 150

Lab Sample ID: 480-105843-10 MS

Matrix: Ground Water

Analysis Batch: 320468

Client Sample ID: BCC Area E MW-E05 MS_0916

Prep Type: Total/NA

Prep Batch: 320189

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		14.9	15.0		ug/L		101	65 - 126
2,4,6-Trichlorophenol	ND		14.9	14.1		ug/L		95	64 - 120
2,4-Dichlorophenol	ND		14.9	11.8		ug/L		79	64 - 120
2,4-Dimethylphenol	ND	F1	14.9	7.88	F1	ug/L		53	57 - 120
2,4-Dinitrophenol	ND	F2 F1 *	29.8	40.6		ug/L		136	42 - 153
2,4-Dinitrotoluene	ND		14.9	13.6		ug/L		91	62 - 148
2,6-Dinitrotoluene	ND		14.9	13.3		ug/L		89	65 - 154
2-Chloronaphthalene	ND		14.9	11.0		ug/L		74	41 - 124
2-Chlorophenol	ND		14.9	9.47		ug/L		64	48 - 120
2-Methylnaphthalene	ND		14.9	10.6		ug/L		72	34 - 122
2-Methylphenol	ND		14.9	8.35		ug/L		56	39 - 120
2-Nitroaniline	ND		14.9	13.0		ug/L		88	67 - 136
2-Nitrophenol	ND	F2	14.9	11.0		ug/L		74	59 - 120
3,3'-Dichlorobenzidine	ND	F2 F1	29.8	3.99	J F1	ug/L		13	33 - 140
3-Nitroaniline	ND	F1	14.9	9.90	F1	ug/L		67	69 - 129
4,6-Dinitro-2-methylphenol	ND		29.8	36.5		ug/L		122	64 - 159
4-Bromophenyl phenyl ether	ND		14.9	13.1		ug/L		88	71 - 126

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-105843-1

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

Lab Sample ID: 480-105843-10 MS

Matrix: Ground Water

Analysis Batch: 320468

Client Sample ID: BCC Area E MW-E05 MS_0916

Prep Type: Total/NA

Prep Batch: 320189

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chloro-3-methylphenol	ND		14.9	12.3		ug/L		82	64 - 120
4-Chloroaniline	ND	F1	14.9	7.43	F1	ug/L		50	60 - 124
4-Chlorophenyl phenyl ether	ND		14.9	12.6		ug/L		85	48 - 145
4-Methylphenol	ND		14.9	9.01	J	ug/L		61	36 - 120
4-Nitroaniline	ND		14.9	11.7		ug/L		79	64 - 135
4-Nitrophenol	ND	F1 *	29.8	31.4		ug/L		106	16 - 120
Acenaphthene	ND		14.9	11.2		ug/L		75	60 - 120
Acenaphthylene	ND		14.9	11.5		ug/L		77	63 - 120
Acetophenone	ND	F2	14.9	9.93		ug/L		67	45 - 120
Aniline	ND		14.9	6.48	J	ug/L		44	37 - 120
Anthracene	ND		14.9	9.67		ug/L		65	58 - 148
Atrazine	ND		29.8	29.5		ug/L		99	56 - 179
Benzaldehyde	ND	F1 *	29.8	6.14	F1	ug/L		21	30 - 140
Benzo(a)anthracene	ND		14.9	9.91		ug/L		67	55 - 151
Benzo(a)pyrene	ND	F2 F1	14.9	5.36	F1	ug/L		36	60 - 145
Benzo(b)fluoranthene	ND	F2	14.9	8.91		ug/L		60	54 - 140
Benzo(g,h,i)perylene	ND	F2 F1	14.9	6.33	F1	ug/L		43	66 - 152
Benzo(k)fluoranthene	ND	F1	14.9	7.03	F1	ug/L		47	51 - 153
Biphenyl	ND		14.9	11.4		ug/L		76	30 - 140
bis (2-chloroisopropyl) ether	ND		14.9	9.08		ug/L		61	28 - 136
Bis(2-chloroethoxy)methane	ND	F2	14.9	10.2		ug/L		68	50 - 128
Bis(2-chloroethyl)ether	ND	F2	14.9	9.35		ug/L		63	51 - 120
Bis(2-ethylhexyl) phthalate	ND	F2 F1	14.9	6.66	F1	ug/L		45	53 - 158
Butyl benzyl phthalate	ND		14.9	12.4		ug/L		83	58 - 163
Caprolactam	ND		29.8	9.54		ug/L		32	30 - 140
Carbazole	ND		14.9	12.4		ug/L		83	59 - 148
Chrysene	ND	F2 F1	14.9	9.34	F1	ug/L		63	69 - 140
Dibenz(a,h)anthracene	ND	F2 F1	14.9	6.13	F1	ug/L		41	57 - 158
Dibenzofuran	ND	F2	14.9	12.2		ug/L		82	49 - 137
Diethyl phthalate	ND	F2	14.9	13.3		ug/L		89	59 - 146
Dimethyl phthalate	ND		14.9	14.2		ug/L		96	59 - 141
Di-n-butyl phthalate	ND		14.9	13.0		ug/L		87	58 - 149
Di-n-octyl phthalate	ND	F2 F1	14.9	6.67	F1	ug/L		45	55 - 167
Fluoranthene	ND		14.9	13.4		ug/L		90	55 - 147
Fluorene	ND		14.9	12.4		ug/L		84	55 - 143
Hexachlorobenzene	ND		14.9	12.5		ug/L		84	38 - 131
Hexachlorobutadiene	ND		14.9	9.48		ug/L		64	14 - 130
Hexachlorocyclopentadiene	ND		14.9	8.14		ug/L		55	13 - 130
Hexachloroethane	ND		14.9	8.70		ug/L		58	14 - 130
Indeno(1,2,3-cd)pyrene	ND	F2 F1	14.9	6.43	F1	ug/L		43	69 - 146
Isophorone	ND	F2	14.9	10.3		ug/L		69	48 - 133
Naphthalene	ND		14.9	9.98		ug/L		67	35 - 130
Nitrobenzene	ND		14.9	10.4		ug/L		70	45 - 123
N-Nitrosodi-n-propylamine	ND		14.9	9.66		ug/L		65	56 - 120
N-Nitrosodiphenylamine	ND	F1	14.9	ND	F1	ug/L		0	25 - 125
Pentachlorophenol	ND		29.8	30.8		ug/L		103	39 - 136
Phenanthrene	ND		14.9	13.0		ug/L		88	57 - 147
Phenol	ND		14.9	6.96		ug/L		47	17 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-105843-1

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

Lab Sample ID: 480-105843-10 MS

Matrix: Ground Water

Analysis Batch: 320468

Client Sample ID: BCC Area E MW-E05 MS_0916

Prep Type: Total/NA

Prep Batch: 320189

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyrene	ND		14.9	11.7		ug/L		79	58 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
2,4,6-Tribromophenol	104		52 - 132						
2-Fluorobiphenyl	75		48 - 120						
2-Fluorophenol	54		20 - 120						
Nitrobenzene-d5	72		46 - 120						
Phenol-d5	44		16 - 120						
p-Terphenyl-d14	58	X	67 - 150						

Lab Sample ID: 480-105843-10 MSD

Matrix: Ground Water

Analysis Batch: 320468

Client Sample ID: BCC Area E MW-E05 MSD_0916

Prep Type: Total/NA

Prep Batch: 320189

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		15.1	17.4		ug/L		116	65 - 126	15	18
2,4,6-Trichlorophenol	ND		15.1	16.2		ug/L		108	64 - 120	14	19
2,4-Dichlorophenol	ND		15.1	13.5		ug/L		90	64 - 120	14	19
2,4-Dimethylphenol	ND	F1	15.1	7.95	F1	ug/L		53	57 - 120	1	42
2,4-Dinitrophenol	ND	F2 F1 *	30.2	51.9	F1 F2	ug/L		172	42 - 153	24	22
2,4-Dinitrotoluene	ND		15.1	15.5		ug/L		103	62 - 148	13	20
2,6-Dinitrotoluene	ND		15.1	15.2		ug/L		100	65 - 154	13	15
2-Chloronaphthalene	ND		15.1	13.0		ug/L		86	41 - 124	17	21
2-Chlorophenol	ND		15.1	12.0		ug/L		79	48 - 120	23	25
2-Methylnaphthalene	ND		15.1	12.8		ug/L		85	34 - 122	18	21
2-Methylphenol	ND		15.1	9.25		ug/L		61	39 - 120	10	27
2-Nitroaniline	ND		15.1	14.9		ug/L		99	67 - 136	13	15
2-Nitrophenol	ND	F2	15.1	13.8	F2	ug/L		92	59 - 120	23	18
3,3'-Dichlorobenzidine	ND	F2 F1	30.2	1.79	J F1 F2	ug/L		6	33 - 140	76	25
3-Nitroaniline	ND	F1	15.1	10.9		ug/L		73	69 - 129	10	19
4,6-Dinitro-2-methylphenol	ND		30.2	40.7		ug/L		135	64 - 159	11	15
4-Bromophenyl phenyl ether	ND		15.1	14.6		ug/L		97	71 - 126	11	15
4-Chloro-3-methylphenol	ND		15.1	13.8		ug/L		92	64 - 120	12	27
4-Chloroaniline	ND	F1	15.1	7.80	F1	ug/L		52	60 - 124	5	22
4-Chlorophenyl phenyl ether	ND		15.1	14.4		ug/L		96	48 - 145	13	16
4-Methylphenol	ND		15.1	10.2		ug/L		68	36 - 120	13	24
4-Nitroaniline	ND		15.1	13.3		ug/L		88	64 - 135	13	24
4-Nitrophenol	ND	F1 *	30.2	38.2	F1	ug/L		127	16 - 120	19	48
Acenaphthene	ND		15.1	13.6		ug/L		90	60 - 120	19	24
Acenaphthylene	ND		15.1	13.5		ug/L		89	63 - 120	16	18
Acetophenone	ND	F2	15.1	12.3	F2	ug/L		82	45 - 120	22	20
Aniline	ND		15.1	7.91	J	ug/L		52	37 - 120	20	30
Anthracene	ND		15.1	9.83		ug/L		65	58 - 148	2	15
Atrazine	ND		30.2	34.3		ug/L		114	56 - 179	15	20
Benzaldehyde	ND	F1 *	30.2	7.01	F1	ug/L		23	30 - 140	13	20
Benzo(a)anthracene	ND		15.1	11.4		ug/L		75	55 - 151	14	15
Benzo(a)pyrene	ND	F2 F1	15.1	6.30	F1 F2	ug/L		42	60 - 145	16	15
Benzo(b)fluoranthene	ND	F2	15.1	10.6	F2	ug/L		70	54 - 140	18	15

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-105843-1

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

Lab Sample ID: 480-105843-10 MSD

Matrix: Ground Water

Analysis Batch: 320468

Client Sample ID: BCC Area E MW-E05 MSD_0916

Prep Type: Total/NA

Prep Batch: 320189

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzo(g,h,i)perylene	ND	F2 F1	15.1	7.88	F1 F2	ug/L		52	66 - 152	22	15
Benzo(k)fluoranthene	ND	F1	15.1	8.77		ug/L		58	51 - 153	22	22
Biphenyl	ND		15.1	13.6		ug/L		90	30 - 140	18	20
bis (2-chloroisopropyl) ether	ND		15.1	11.4		ug/L		76	28 - 136	23	24
Bis(2-chloroethoxy)methane	ND	F2	15.1	12.5	F2	ug/L		83	50 - 128	20	17
Bis(2-chloroethyl)ether	ND	F2	15.1	11.7	F2	ug/L		78	51 - 120	22	21
Bis(2-ethylhexyl) phthalate	ND	F2 F1	15.1	8.55	F2	ug/L		57	53 - 158	25	15
Butyl benzyl phthalate	ND		15.1	14.5		ug/L		96	58 - 163	16	16
Caprolactam	ND		30.2	11.2		ug/L		37	30 - 140	16	20
Carbazole	ND		15.1	12.6		ug/L		84	59 - 148	2	20
Chrysene	ND	F2 F1	15.1	11.2	F2	ug/L		74	69 - 140	18	15
Dibenz(a,h)anthracene	ND	F2 F1	15.1	7.74	F1 F2	ug/L		51	57 - 158	23	15
Dibenzofuran	ND	F2	15.1	14.3	F2	ug/L		95	49 - 137	16	15
Diethyl phthalate	ND	F2	15.1	15.8	F2	ug/L		104	59 - 146	17	15
Dimethyl phthalate	ND		15.1	16.3		ug/L		108	59 - 141	13	15
Di-n-butyl phthalate	ND		15.1	15.2		ug/L		100	58 - 149	15	15
Di-n-octyl phthalate	ND	F2 F1	15.1	8.66	F2	ug/L		57	55 - 167	26	16
Fluoranthene	ND		15.1	15.1		ug/L		100	55 - 147	12	15
Fluorene	ND		15.1	14.5		ug/L		96	55 - 143	15	15
Hexachlorobenzene	ND		15.1	14.3		ug/L		94	38 - 131	13	15
Hexachlorobutadiene	ND		15.1	12.6		ug/L		83	14 - 130	28	44
Hexachlorocyclopentadiene	ND		15.1	11.0		ug/L		73	13 - 130	30	49
Hexachloroethane	ND		15.1	10.9		ug/L		72	14 - 130	22	46
Indeno(1,2,3-cd)pyrene	ND	F2 F1	15.1	8.15	F1 F2	ug/L		54	69 - 146	24	15
Isophorone	ND	F2	15.1	12.6	F2	ug/L		84	48 - 133	20	17
Naphthalene	ND		15.1	12.1		ug/L		80	35 - 130	19	29
Nitrobenzene	ND		15.1	13.0		ug/L		86	45 - 123	22	24
N-Nitrosodi-n-propylamine	ND		15.1	11.6		ug/L		77	56 - 120	18	31
N-Nitrosodiphenylamine	ND	F1	15.1	ND	F1	ug/L		0	25 - 125	NC	15
Pentachlorophenol	ND		30.2	35.8		ug/L		119	39 - 136	15	37
Phenanthrene	ND		15.1	14.5		ug/L		96	57 - 147	11	15
Phenol	ND		15.1	8.36		ug/L		55	17 - 120	18	34
Pyrene	ND		15.1	12.8		ug/L		85	58 - 136	9	19

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol	113		52 - 132
2-Fluorobiphenyl	90		48 - 120
2-Fluorophenol	67		20 - 120
Nitrobenzene-d5	87		46 - 120
Phenol-d5	52		16 - 120
p-Terphenyl-d14	70		67 - 150

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-105843-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-320420/1-A

Matrix: Water

Analysis Batch: 320987

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 320420

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/15/16 08:50	09/18/16 10:16	1
Antimony	ND		0.020	0.0068	mg/L		09/15/16 08:50	09/18/16 10:16	1
Arsenic	ND		0.015	0.0056	mg/L		09/15/16 08:50	09/18/16 10:16	1
Barium	ND		0.0020	0.00070	mg/L		09/15/16 08:50	09/18/16 10:16	1
Beryllium	ND		0.0020	0.00030	mg/L		09/15/16 08:50	09/18/16 10:16	1
Cadmium	ND		0.0020	0.00050	mg/L		09/15/16 08:50	09/18/16 10:16	1
Calcium	ND		0.50	0.10	mg/L		09/15/16 08:50	09/18/16 10:16	1
Chromium	ND		0.0040	0.0010	mg/L		09/15/16 08:50	09/18/16 10:16	1
Cobalt	ND		0.0040	0.00063	mg/L		09/15/16 08:50	09/18/16 10:16	1
Copper	ND		0.010	0.0016	mg/L		09/15/16 08:50	09/18/16 10:16	1
Iron	ND		0.050	0.019	mg/L		09/15/16 08:50	09/18/16 10:16	1
Lead	ND		0.010	0.0030	mg/L		09/15/16 08:50	09/18/16 10:16	1
Magnesium	ND		0.20	0.043	mg/L		09/15/16 08:50	09/18/16 10:16	1
Manganese	0.00143	J	0.0030	0.00040	mg/L		09/15/16 08:50	09/18/16 10:16	1
Nickel	ND		0.010	0.0013	mg/L		09/15/16 08:50	09/18/16 10:16	1
Selenium	ND		0.025	0.0087	mg/L		09/15/16 08:50	09/18/16 10:16	1
Silver	ND		0.0060	0.0017	mg/L		09/15/16 08:50	09/18/16 10:16	1
Thallium	ND		0.020	0.010	mg/L		09/15/16 08:50	09/18/16 10:16	1
Vanadium	ND		0.0050	0.0015	mg/L		09/15/16 08:50	09/18/16 10:16	1
Zinc	ND		0.010	0.0015	mg/L		09/15/16 08:50	09/18/16 10:16	1

Lab Sample ID: MB 480-320420/1-A

Matrix: Water

Analysis Batch: 321099

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 320420

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	ND		0.50	0.10	mg/L		09/15/16 08:50	09/19/16 11:11	1
Sodium	ND		1.0	0.32	mg/L		09/15/16 08:50	09/19/16 11:11	1

Lab Sample ID: LCS 480-320420/2-A

Matrix: Water

Analysis Batch: 320987

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 320420

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	9.62		mg/L		96	80 - 120
Antimony	0.200	0.201		mg/L		101	80 - 120
Arsenic	0.200	0.201		mg/L		101	80 - 120
Barium	0.200	0.204		mg/L		102	80 - 120
Beryllium	0.200	0.200		mg/L		100	80 - 120
Cadmium	0.200	0.198		mg/L		99	80 - 120
Calcium	10.0	9.68		mg/L		97	80 - 120
Chromium	0.200	0.204		mg/L		102	80 - 120
Cobalt	0.200	0.187		mg/L		93	80 - 120
Copper	0.200	0.188		mg/L		94	80 - 120
Iron	10.0	10.07		mg/L		101	80 - 120
Lead	0.200	0.201		mg/L		101	80 - 120
Magnesium	10.0	10.21		mg/L		102	80 - 120
Manganese	0.200	0.200		mg/L		100	80 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-105843-1

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

Lab Sample ID: LCS 480-320420/2-A

Matrix: Water

Analysis Batch: 320987

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 320420

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nickel	0.200	0.194		mg/L		97	80 - 120
Potassium	10.0	10.52	^	mg/L		105	80 - 120
Selenium	0.200	0.199		mg/L		99	80 - 120
Silver	0.0500	0.0494		mg/L		99	80 - 120
Sodium	10.0	10.49		mg/L		105	80 - 120
Thallium	0.200	0.195		mg/L		98	80 - 120
Vanadium	0.200	0.195		mg/L		97	80 - 120
Zinc	0.200	0.193		mg/L		96	80 - 120

Lab Sample ID: 480-105843-10 MS

Matrix: Ground Water

Analysis Batch: 320987

Client Sample ID: BCC Area E MW-E05 MS_0916

Prep Type: Total/NA

Prep Batch: 320420

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	0.70		10.0	10.10		mg/L		94	75 - 125
Antimony	ND		0.200	0.207		mg/L		103	75 - 125
Arsenic	0.013	J	0.200	0.227		mg/L		107	75 - 125
Barium	0.055		0.200	0.249		mg/L		97	75 - 125
Beryllium	ND		0.200	0.205		mg/L		102	75 - 125
Cadmium	0.036		0.200	0.239		mg/L		102	75 - 125
Calcium	322		10.0	335.3	4	mg/L		138	75 - 125
Chromium	0.0021	J	0.200	0.200		mg/L		99	75 - 125
Cobalt	0.050		0.200	0.248		mg/L		99	75 - 125
Copper	0.15		0.200	0.349		mg/L		100	75 - 125
Iron	1.1		10.0	10.58		mg/L		95	75 - 125
Lead	0.060		0.200	0.260		mg/L		100	75 - 125
Magnesium	35.3		10.0	45.04		mg/L		97	75 - 125
Manganese	0.23	B	0.200	0.410		mg/L		91	75 - 125
Nickel	0.074		0.200	0.279		mg/L		102	75 - 125
Potassium	10.0	^	10.0	20.00	^	mg/L		100	75 - 125
Selenium	0.044		0.200	0.253		mg/L		104	75 - 125
Silver	ND		0.0500	0.0507		mg/L		101	75 - 125
Sodium	114		10.0	123.3	4	mg/L		96	75 - 125
Thallium	ND		0.200	0.194		mg/L		97	75 - 125
Vanadium	0.0018	J	0.200	0.196		mg/L		97	75 - 125
Zinc	10.3		0.200	11.00	4	mg/L		343	75 - 125

Lab Sample ID: 480-105843-10 MSD

Matrix: Ground Water

Analysis Batch: 320987

Client Sample ID: BCC Area E MW-E05 MSD_0916

Prep Type: Total/NA

Prep Batch: 320420

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Aluminum	0.70		10.0	11.99		mg/L		113	75 - 125	17	20
Antimony	ND		0.200	0.207		mg/L		104	75 - 125	0	20
Arsenic	0.013	J	0.200	0.227		mg/L		107	75 - 125	0	20
Barium	0.055		0.200	0.259		mg/L		102	75 - 125	4	20
Beryllium	ND		0.200	0.205		mg/L		103	75 - 125	0	20
Cadmium	0.036		0.200	0.239		mg/L		102	75 - 125	0	20
Calcium	322		10.0	331.8	4	mg/L		103	75 - 125	1	20

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-105843-1

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

Lab Sample ID: 480-105843-10 MSD

Matrix: Ground Water

Analysis Batch: 320987

Client Sample ID: BCC Area E MW-E05 MSD_0916

Prep Type: Total/NA

Prep Batch: 320420

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium	0.0021	J	0.200	0.203		mg/L		100	75 - 125	2	20
Cobalt	0.050		0.200	0.250		mg/L		100	75 - 125	1	20
Copper	0.15		0.200	0.360		mg/L		106	75 - 125	3	20
Iron	1.1		10.0	12.06		mg/L		109	75 - 125	13	20
Lead	0.060		0.200	0.270		mg/L		105	75 - 125	4	20
Magnesium	35.3		10.0	44.74		mg/L		94	75 - 125	1	20
Manganese	0.23	B	0.200	0.424		mg/L		98	75 - 125	3	20
Nickel	0.074		0.200	0.280		mg/L		103	75 - 125	0	20
Potassium	10.0	^	10.0	20.37	^	mg/L		103	75 - 125	2	20
Selenium	0.044		0.200	0.251		mg/L		103	75 - 125	1	20
Silver	ND		0.0500	0.0509		mg/L		102	75 - 125	0	20
Sodium	114		10.0	120.9	4	mg/L		71	75 - 125	2	20
Thallium	ND		0.200	0.197		mg/L		98	75 - 125	1	20
Vanadium	0.0018	J	0.200	0.200		mg/L		99	75 - 125	2	20
Zinc	10.3		0.200	10.90	4	mg/L		295	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-320181/1-A

Matrix: Water

Analysis Batch: 320398

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 320181

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/14/16 08:10	09/14/16 14:29	1

Lab Sample ID: LCS 480-320181/2-A

Matrix: Water

Analysis Batch: 320398

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 320181

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00678		mg/L		102	80 - 120

Lab Sample ID: 480-105843-10 MS

Matrix: Ground Water

Analysis Batch: 320398

Client Sample ID: BCC Area E MW-E05 MS_0916

Prep Type: Total/NA

Prep Batch: 320181

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00693		mg/L		104	80 - 120

Lab Sample ID: 480-105843-10 MSD

Matrix: Ground Water

Analysis Batch: 320398

Client Sample ID: BCC Area E MW-E05 MSD_0916

Prep Type: Total/NA

Prep Batch: 320181

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00683		mg/L		102	80 - 120	1	20

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-105843-1

GC/MS VOA

Analysis Batch: 320684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105843-1	BCC Area E R-10_0916	Total/NA	Ground Water	8260C	
MB 480-320684/6	Method Blank	Total/NA	Water	8260C	
LCS 480-320684/29	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 320781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105843-2	BCC Area E R-11_0916	Total/NA	Ground Water	8260C	
480-105843-3	BCC Area E RFI-17_0916	Total/NA	Ground Water	8260C	
480-105843-4	BCC Area E RFI-29_0916	Total/NA	Ground Water	8260C	
480-105843-5	BCC Area E RFI-32_0916	Total/NA	Ground Water	8260C	
480-105843-6	BCC Area E RFI-33_0916	Total/NA	Ground Water	8260C	
480-105843-7	BCC Area E RFI-51_0916	Total/NA	Ground Water	8260C	
480-105843-8	BCC Area E MW-E03_0916	Total/NA	Ground Water	8260C	
480-105843-9	BCC Area E MW-E04_0916	Total/NA	Ground Water	8260C	
480-105843-11	BCC Area E MW-E06_0916	Total/NA	Ground Water	8260C	
480-105843-12	BCC Area E MW-E07_0916	Total/NA	Ground Water	8260C	
MB 480-320781/6	Method Blank	Total/NA	Water	8260C	
LCS 480-320781/4	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 320845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105843-5 - DL	BCC Area E RFI-32_0916	Total/NA	Ground Water	8260C	
MB 480-320845/7	Method Blank	Total/NA	Water	8260C	
LCS 480-320845/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 320854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105843-10	BCC Area E MW-E05_0916	Total/NA	Ground Water	8260C	
480-105843-13	BCC Area E_MW-E05 D_0916	Total/NA	Ground Water	8260C	
480-105843-14	TRIP BLANK	Total/NA	Water	8260C	
MB 480-320854/6	Method Blank	Total/NA	Water	8260C	
LCS 480-320854/4	Lab Control Sample	Total/NA	Water	8260C	
480-105843-10 MS	BCC Area E MW-E05 MS_0916	Total/NA	Ground Water	8260C	
480-105843-10 MSD	BCC Area E MW-E05 MSD_0916	Total/NA	Ground Water	8260C	

GC/MS Semi VOA

Prep Batch: 320189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105843-1	BCC Area E R-10_0916	Total/NA	Ground Water	3510C	
480-105843-2	BCC Area E R-11_0916	Total/NA	Ground Water	3510C	
480-105843-3	BCC Area E RFI-17_0916	Total/NA	Ground Water	3510C	
480-105843-4	BCC Area E RFI-29_0916	Total/NA	Ground Water	3510C	
480-105843-5	BCC Area E RFI-32_0916	Total/NA	Ground Water	3510C	
480-105843-6	BCC Area E RFI-33_0916	Total/NA	Ground Water	3510C	
480-105843-7	BCC Area E RFI-51_0916	Total/NA	Ground Water	3510C	
480-105843-8	BCC Area E MW-E03_0916	Total/NA	Ground Water	3510C	
480-105843-9	BCC Area E MW-E04_0916	Total/NA	Ground Water	3510C	
480-105843-10	BCC Area E MW-E05_0916	Total/NA	Ground Water	3510C	
480-105843-11	BCC Area E MW-E06_0916	Total/NA	Ground Water	3510C	

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-105843-1

GC/MS Semi VOA (Continued)

Prep Batch: 320189 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105843-12	BCC Area E MW-E07_0916	Total/NA	Ground Water	3510C	
480-105843-13	BCC Area E_MW-E05 D_0916	Total/NA	Ground Water	3510C	
MB 480-320189/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-320189/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-105843-10 MS	BCC Area E MW-E05 MS_0916	Total/NA	Ground Water	3510C	
480-105843-10 MSD	BCC Area E MW-E05 MSD_0916	Total/NA	Ground Water	3510C	

Analysis Batch: 320468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105843-1	BCC Area E R-10_0916	Total/NA	Ground Water	8270D	320189
480-105843-2	BCC Area E R-11_0916	Total/NA	Ground Water	8270D	320189
480-105843-3	BCC Area E RFI-17_0916	Total/NA	Ground Water	8270D	320189
480-105843-4	BCC Area E RFI-29_0916	Total/NA	Ground Water	8270D	320189
480-105843-5	BCC Area E RFI-32_0916	Total/NA	Ground Water	8270D	320189
480-105843-6	BCC Area E RFI-33_0916	Total/NA	Ground Water	8270D	320189
480-105843-7	BCC Area E RFI-51_0916	Total/NA	Ground Water	8270D	320189
480-105843-8	BCC Area E MW-E03_0916	Total/NA	Ground Water	8270D	320189
480-105843-10	BCC Area E MW-E05_0916	Total/NA	Ground Water	8270D	320189
480-105843-11	BCC Area E MW-E06_0916	Total/NA	Ground Water	8270D	320189
480-105843-12	BCC Area E MW-E07_0916	Total/NA	Ground Water	8270D	320189
MB 480-320189/1-A	Method Blank	Total/NA	Water	8270D	320189
LCS 480-320189/2-A	Lab Control Sample	Total/NA	Water	8270D	320189
480-105843-10 MS	BCC Area E MW-E05 MS_0916	Total/NA	Ground Water	8270D	320189
480-105843-10 MSD	BCC Area E MW-E05 MSD_0916	Total/NA	Ground Water	8270D	320189

Analysis Batch: 320713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105843-9	BCC Area E MW-E04_0916	Total/NA	Ground Water	8270D	320189
480-105843-13	BCC Area E_MW-E05 D_0916	Total/NA	Ground Water	8270D	320189

Metals

Prep Batch: 320181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105843-1	BCC Area E R-10_0916	Total/NA	Ground Water	7470A	
480-105843-2	BCC Area E R-11_0916	Total/NA	Ground Water	7470A	
480-105843-3	BCC Area E RFI-17_0916	Total/NA	Ground Water	7470A	
480-105843-4	BCC Area E RFI-29_0916	Total/NA	Ground Water	7470A	
480-105843-5	BCC Area E RFI-32_0916	Total/NA	Ground Water	7470A	
480-105843-6	BCC Area E RFI-33_0916	Total/NA	Ground Water	7470A	
480-105843-7	BCC Area E RFI-51_0916	Total/NA	Ground Water	7470A	
480-105843-8	BCC Area E MW-E03_0916	Total/NA	Ground Water	7470A	
480-105843-9	BCC Area E MW-E04_0916	Total/NA	Ground Water	7470A	
480-105843-10	BCC Area E MW-E05_0916	Total/NA	Ground Water	7470A	
480-105843-11	BCC Area E MW-E06_0916	Total/NA	Ground Water	7470A	
480-105843-12	BCC Area E MW-E07_0916	Total/NA	Ground Water	7470A	
480-105843-13	BCC Area E_MW-E05 D_0916	Total/NA	Ground Water	7470A	
MB 480-320181/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-320181/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-105843-10 MS	BCC Area E MW-E05 MS_0916	Total/NA	Ground Water	7470A	

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-105843-1

Metals (Continued)

Prep Batch: 320181 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105843-10 MSD	BCC Area E MW-E05 MSD_0916	Total/NA	Ground Water	7470A	

Analysis Batch: 320398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105843-1	BCC Area E R-10_0916	Total/NA	Ground Water	7470A	320181
480-105843-2	BCC Area E R-11_0916	Total/NA	Ground Water	7470A	320181
480-105843-3	BCC Area E RFI-17_0916	Total/NA	Ground Water	7470A	320181
480-105843-4	BCC Area E RFI-29_0916	Total/NA	Ground Water	7470A	320181
480-105843-5	BCC Area E RFI-32_0916	Total/NA	Ground Water	7470A	320181
480-105843-6	BCC Area E RFI-33_0916	Total/NA	Ground Water	7470A	320181
480-105843-7	BCC Area E RFI-51_0916	Total/NA	Ground Water	7470A	320181
480-105843-8	BCC Area E MW-E03_0916	Total/NA	Ground Water	7470A	320181
480-105843-9	BCC Area E MW-E04_0916	Total/NA	Ground Water	7470A	320181
480-105843-10	BCC Area E MW-E05_0916	Total/NA	Ground Water	7470A	320181
480-105843-11	BCC Area E MW-E06_0916	Total/NA	Ground Water	7470A	320181
480-105843-12	BCC Area E MW-E07_0916	Total/NA	Ground Water	7470A	320181
480-105843-13	BCC Area E_MW-E05 D_0916	Total/NA	Ground Water	7470A	320181
MB 480-320181/1-A	Method Blank	Total/NA	Water	7470A	320181
LCS 480-320181/2-A	Lab Control Sample	Total/NA	Water	7470A	320181
480-105843-10 MS	BCC Area E MW-E05 MS_0916	Total/NA	Ground Water	7470A	320181
480-105843-10 MSD	BCC Area E MW-E05 MSD_0916	Total/NA	Ground Water	7470A	320181

Prep Batch: 320420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105843-1	BCC Area E R-10_0916	Total/NA	Ground Water	3005A	
480-105843-2	BCC Area E R-11_0916	Total/NA	Ground Water	3005A	
480-105843-3	BCC Area E RFI-17_0916	Total/NA	Ground Water	3005A	
480-105843-4	BCC Area E RFI-29_0916	Total/NA	Ground Water	3005A	
480-105843-5	BCC Area E RFI-32_0916	Total/NA	Ground Water	3005A	
480-105843-6	BCC Area E RFI-33_0916	Total/NA	Ground Water	3005A	
480-105843-7	BCC Area E RFI-51_0916	Total/NA	Ground Water	3005A	
480-105843-8	BCC Area E MW-E03_0916	Total/NA	Ground Water	3005A	
480-105843-9	BCC Area E MW-E04_0916	Total/NA	Ground Water	3005A	
480-105843-10	BCC Area E MW-E05_0916	Total/NA	Ground Water	3005A	
480-105843-11	BCC Area E MW-E06_0916	Total/NA	Ground Water	3005A	
480-105843-12	BCC Area E MW-E07_0916	Total/NA	Ground Water	3005A	
480-105843-13	BCC Area E_MW-E05 D_0916	Total/NA	Ground Water	3005A	
MB 480-320420/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-320420/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-105843-10 MS	BCC Area E MW-E05 MS_0916	Total/NA	Ground Water	3005A	
480-105843-10 MSD	BCC Area E MW-E05 MSD_0916	Total/NA	Ground Water	3005A	

Analysis Batch: 320987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105843-1	BCC Area E R-10_0916	Total/NA	Ground Water	6010C	320420
480-105843-2	BCC Area E R-11_0916	Total/NA	Ground Water	6010C	320420
480-105843-3	BCC Area E RFI-17_0916	Total/NA	Ground Water	6010C	320420
480-105843-4	BCC Area E RFI-29_0916	Total/NA	Ground Water	6010C	320420
480-105843-5	BCC Area E RFI-32_0916	Total/NA	Ground Water	6010C	320420
480-105843-6	BCC Area E RFI-33_0916	Total/NA	Ground Water	6010C	320420
480-105843-7	BCC Area E RFI-51_0916	Total/NA	Ground Water	6010C	320420

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-105843-1

Metals (Continued)

Analysis Batch: 320987 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105843-8	BCC Area E MW-E03_0916	Total/NA	Ground Water	6010C	320420
480-105843-9	BCC Area E MW-E04_0916	Total/NA	Ground Water	6010C	320420
480-105843-10	BCC Area E MW-E05_0916	Total/NA	Ground Water	6010C	320420
480-105843-11	BCC Area E MW-E06_0916	Total/NA	Ground Water	6010C	320420
480-105843-12	BCC Area E MW-E07_0916	Total/NA	Ground Water	6010C	320420
480-105843-13	BCC Area E_MW-E05 D_0916	Total/NA	Ground Water	6010C	320420
MB 480-320420/1-A	Method Blank	Total/NA	Water	6010C	320420
LCS 480-320420/2-A	Lab Control Sample	Total/NA	Water	6010C	320420
480-105843-10 MS	BCC Area E MW-E05 MS_0916	Total/NA	Ground Water	6010C	320420
480-105843-10 MSD	BCC Area E MW-E05 MSD_0916	Total/NA	Ground Water	6010C	320420

Analysis Batch: 321099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105843-1	BCC Area E R-10_0916	Total/NA	Ground Water	6010C	320420
480-105843-2	BCC Area E R-11_0916	Total/NA	Ground Water	6010C	320420
480-105843-3	BCC Area E RFI-17_0916	Total/NA	Ground Water	6010C	320420
480-105843-4	BCC Area E RFI-29_0916	Total/NA	Ground Water	6010C	320420
480-105843-5	BCC Area E RFI-32_0916	Total/NA	Ground Water	6010C	320420
480-105843-6	BCC Area E RFI-33_0916	Total/NA	Ground Water	6010C	320420
480-105843-8	BCC Area E MW-E03_0916	Total/NA	Ground Water	6010C	320420
480-105843-9	BCC Area E MW-E04_0916	Total/NA	Ground Water	6010C	320420
MB 480-320420/1-A	Method Blank	Total/NA	Water	6010C	320420

Lab Chronicle

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E R-10_0916

Lab Sample ID: 480-105843-1

Date Collected: 09/12/16 12:37

Matrix: Ground Water

Date Received: 09/13/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	320684	09/16/16 20:03	RRS	TAL BUF
Total/NA	Prep	3510C			320189	09/14/16 07:31	CPH	TAL BUF
Total/NA	Analysis	8270D		1	320468	09/15/16 14:24	PJQ	TAL BUF
Total/NA	Prep	3005A			320420	09/15/16 08:50	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	320987	09/18/16 10:23	AMH	TAL BUF
Total/NA	Prep	3005A			320420	09/15/16 08:50	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	321099	09/19/16 11:15	AMH	TAL BUF
Total/NA	Prep	7470A			320181	09/14/16 08:10	JRK	TAL BUF
Total/NA	Analysis	7470A		1	320398	09/14/16 14:32	JRK	TAL BUF

Client Sample ID: BCC Area E R-11_0916

Lab Sample ID: 480-105843-2

Date Collected: 09/12/16 11:55

Matrix: Ground Water

Date Received: 09/13/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	320781	09/17/16 03:26	GTG	TAL BUF
Total/NA	Prep	3510C			320189	09/14/16 07:31	CPH	TAL BUF
Total/NA	Analysis	8270D		1	320468	09/15/16 14:52	PJQ	TAL BUF
Total/NA	Prep	3005A			320420	09/15/16 08:50	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	320987	09/18/16 10:26	AMH	TAL BUF
Total/NA	Prep	3005A			320420	09/15/16 08:50	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	321099	09/19/16 11:18	AMH	TAL BUF
Total/NA	Prep	7470A			320181	09/14/16 08:10	JRK	TAL BUF
Total/NA	Analysis	7470A		1	320398	09/14/16 14:34	JRK	TAL BUF

Client Sample ID: BCC Area E RFI-17_0916

Lab Sample ID: 480-105843-3

Date Collected: 09/12/16 14:15

Matrix: Ground Water

Date Received: 09/13/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	320781	09/17/16 02:56	GTG	TAL BUF
Total/NA	Prep	3510C			320189	09/14/16 07:31	CPH	TAL BUF
Total/NA	Analysis	8270D		1	320468	09/15/16 15:21	PJQ	TAL BUF
Total/NA	Prep	3005A			320420	09/15/16 08:50	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	320987	09/18/16 10:29	AMH	TAL BUF
Total/NA	Prep	3005A			320420	09/15/16 08:50	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	321099	09/19/16 11:21	AMH	TAL BUF
Total/NA	Prep	7470A			320181	09/14/16 08:10	JRK	TAL BUF
Total/NA	Analysis	7470A		1	320398	09/14/16 14:36	JRK	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-29_0916

Lab Sample ID: 480-105843-4

Date Collected: 09/12/16 09:25

Matrix: Ground Water

Date Received: 09/13/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	320781	09/17/16 03:55	GTG	TAL BUF
Total/NA	Prep	3510C			320189	09/14/16 07:31	CPH	TAL BUF
Total/NA	Analysis	8270D		1	320468	09/15/16 15:49	PJQ	TAL BUF
Total/NA	Prep	3005A			320420	09/15/16 08:50	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	320987	09/18/16 10:33	AMH	TAL BUF
Total/NA	Prep	3005A			320420	09/15/16 08:50	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	321099	09/19/16 11:25	AMH	TAL BUF
Total/NA	Prep	7470A			320181	09/14/16 08:10	JRK	TAL BUF
Total/NA	Analysis	7470A		1	320398	09/14/16 14:41	JRK	TAL BUF

Client Sample ID: BCC Area E RFI-32_0916

Lab Sample ID: 480-105843-5

Date Collected: 09/12/16 10:20

Matrix: Ground Water

Date Received: 09/13/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	320781	09/17/16 04:25	GTG	TAL BUF
Total/NA	Analysis	8260C	DL	40	320845	09/17/16 12:38	GTG	TAL BUF
Total/NA	Prep	3510C			320189	09/14/16 07:31	CPH	TAL BUF
Total/NA	Analysis	8270D		1	320468	09/15/16 16:18	PJQ	TAL BUF
Total/NA	Prep	3005A			320420	09/15/16 08:50	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	320987	09/18/16 10:36	AMH	TAL BUF
Total/NA	Prep	3005A			320420	09/15/16 08:50	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	321099	09/19/16 11:28	AMH	TAL BUF
Total/NA	Prep	7470A			320181	09/14/16 08:10	JRK	TAL BUF
Total/NA	Analysis	7470A		1	320398	09/14/16 14:43	JRK	TAL BUF

Client Sample ID: BCC Area E RFI-33_0916

Lab Sample ID: 480-105843-6

Date Collected: 09/12/16 15:07

Matrix: Ground Water

Date Received: 09/13/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	320781	09/17/16 04:54	GTG	TAL BUF
Total/NA	Prep	3510C			320189	09/14/16 07:31	CPH	TAL BUF
Total/NA	Analysis	8270D		1	320468	09/15/16 16:46	PJQ	TAL BUF
Total/NA	Prep	3005A			320420	09/15/16 08:50	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	320987	09/18/16 10:50	AMH	TAL BUF
Total/NA	Prep	3005A			320420	09/15/16 08:50	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	321099	09/19/16 11:42	AMH	TAL BUF
Total/NA	Prep	7470A			320181	09/14/16 08:10	JRK	TAL BUF
Total/NA	Analysis	7470A		1	320398	09/14/16 14:45	JRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E RFI-51_0916

Lab Sample ID: 480-105843-7

Date Collected: 09/13/16 10:48

Matrix: Ground Water

Date Received: 09/13/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	320781	09/17/16 05:23	GTG	TAL BUF
Total/NA	Prep	3510C			320189	09/14/16 07:31	CPH	TAL BUF
Total/NA	Analysis	8270D		1	320468	09/15/16 17:15	PJQ	TAL BUF
Total/NA	Prep	3005A			320420	09/15/16 08:50	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	320987	09/18/16 10:53	AMH	TAL BUF
Total/NA	Prep	7470A			320181	09/14/16 08:10	JRK	TAL BUF
Total/NA	Analysis	7470A		1	320398	09/14/16 14:47	JRK	TAL BUF

Client Sample ID: BCC Area E MW-E03_0916

Lab Sample ID: 480-105843-8

Date Collected: 09/12/16 11:15

Matrix: Ground Water

Date Received: 09/13/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	320781	09/17/16 05:53	GTG	TAL BUF
Total/NA	Prep	3510C			320189	09/14/16 07:31	CPH	TAL BUF
Total/NA	Analysis	8270D		1	320468	09/15/16 17:44	PJQ	TAL BUF
Total/NA	Prep	3005A			320420	09/15/16 08:50	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	320987	09/18/16 10:57	AMH	TAL BUF
Total/NA	Prep	3005A			320420	09/15/16 08:50	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	321099	09/19/16 11:45	AMH	TAL BUF
Total/NA	Prep	7470A			320181	09/14/16 08:10	JRK	TAL BUF
Total/NA	Analysis	7470A		1	320398	09/14/16 14:49	JRK	TAL BUF

Client Sample ID: BCC Area E MW-E04_0916

Lab Sample ID: 480-105843-9

Date Collected: 09/12/16 13:24

Matrix: Ground Water

Date Received: 09/13/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	320781	09/17/16 06:23	GTG	TAL BUF
Total/NA	Prep	3510C			320189	09/14/16 07:31	CPH	TAL BUF
Total/NA	Analysis	8270D		25	320713	09/16/16 14:00	PJQ	TAL BUF
Total/NA	Prep	3005A			320420	09/15/16 08:50	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	320987	09/18/16 11:00	AMH	TAL BUF
Total/NA	Prep	3005A			320420	09/15/16 08:50	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	321099	09/19/16 11:49	AMH	TAL BUF
Total/NA	Prep	7470A			320181	09/14/16 08:10	JRK	TAL BUF
Total/NA	Analysis	7470A		1	320398	09/14/16 14:51	JRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E MW-E05_0916

Lab Sample ID: 480-105843-10

Date Collected: 09/13/16 08:35

Matrix: Ground Water

Date Received: 09/13/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	320854	09/17/16 11:15	JWG	TAL BUF
Total/NA	Prep	3510C			320189	09/14/16 07:31	CPH	TAL BUF
Total/NA	Analysis	8270D		1	320468	09/15/16 18:42	PJQ	TAL BUF
Total/NA	Prep	3005A			320420	09/15/16 08:50	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	320987	09/18/16 11:03	AMH	TAL BUF
Total/NA	Prep	7470A			320181	09/14/16 08:10	JRK	TAL BUF
Total/NA	Analysis	7470A		1	320398	09/14/16 14:53	JRK	TAL BUF

Client Sample ID: BCC Area E MW-E06_0916

Lab Sample ID: 480-105843-11

Date Collected: 09/13/16 13:00

Matrix: Ground Water

Date Received: 09/13/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	320781	09/17/16 06:53	GTG	TAL BUF
Total/NA	Prep	3510C			320189	09/14/16 07:31	CPH	TAL BUF
Total/NA	Analysis	8270D		1	320468	09/15/16 19:10	PJQ	TAL BUF
Total/NA	Prep	3005A			320420	09/15/16 08:50	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	320987	09/18/16 11:30	AMH	TAL BUF
Total/NA	Prep	7470A			320181	09/14/16 08:10	JRK	TAL BUF
Total/NA	Analysis	7470A		1	320398	09/14/16 15:05	JRK	TAL BUF

Client Sample ID: BCC Area E MW-E07_0916

Lab Sample ID: 480-105843-12

Date Collected: 09/13/16 11:40

Matrix: Ground Water

Date Received: 09/13/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	320781	09/17/16 07:22	GTG	TAL BUF
Total/NA	Prep	3510C			320189	09/14/16 07:31	CPH	TAL BUF
Total/NA	Analysis	8270D		1	320468	09/15/16 19:39	PJQ	TAL BUF
Total/NA	Prep	3005A			320420	09/15/16 08:50	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	320987	09/18/16 11:34	AMH	TAL BUF
Total/NA	Prep	7470A			320181	09/14/16 08:10	JRK	TAL BUF
Total/NA	Analysis	7470A		1	320398	09/14/16 15:07	JRK	TAL BUF

Client Sample ID: BCC Area E_MW-E05 D_0916

Lab Sample ID: 480-105843-13

Date Collected: 09/13/16 08:50

Matrix: Ground Water

Date Received: 09/13/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	320854	09/17/16 11:38	JWG	TAL BUF
Total/NA	Prep	3510C			320189	09/14/16 07:31	CPH	TAL BUF
Total/NA	Analysis	8270D		1	320713	09/16/16 14:29	PJQ	TAL BUF
Total/NA	Prep	3005A			320420	09/15/16 08:50	RMZ	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-105843-1

Client Sample ID: BCC Area E_MW-E05 D_0916

Lab Sample ID: 480-105843-13

Date Collected: 09/13/16 08:50

Matrix: Ground Water

Date Received: 09/13/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010C		1	320987	09/18/16 11:37	AMH	TAL BUF
Total/NA	Prep	7470A			320181	09/14/16 08:10	JRK	TAL BUF
Total/NA	Analysis	7470A		1	320398	09/14/16 15:09	JRK	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-105843-14

Date Collected: 09/13/16 00:00

Matrix: Water

Date Received: 09/13/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	320854	09/17/16 12:01	JWG	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 E Wells

TestAmerica Job ID: 480-105843-1

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 E Wells

TestAmerica Job ID: 480-105843-1

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 E Wells

TestAmerica Job ID: 480-105843-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-105843-1	BCC Area E R-10_0916	Ground Water	09/12/16 12:37	09/13/16 15:55
480-105843-2	BCC Area E R-11_0916	Ground Water	09/12/16 11:55	09/13/16 15:55
480-105843-3	BCC Area E RFI-17_0916	Ground Water	09/12/16 14:15	09/13/16 15:55
480-105843-4	BCC Area E RFI-29_0916	Ground Water	09/12/16 09:25	09/13/16 15:55
480-105843-5	BCC Area E RFI-32_0916	Ground Water	09/12/16 10:20	09/13/16 15:55
480-105843-6	BCC Area E RFI-33_0916	Ground Water	09/12/16 15:07	09/13/16 15:55
480-105843-7	BCC Area E RFI-51_0916	Ground Water	09/13/16 10:48	09/13/16 15:55
480-105843-8	BCC Area E MW-E03_0916	Ground Water	09/12/16 11:15	09/13/16 15:55
480-105843-9	BCC Area E MW-E04_0916	Ground Water	09/12/16 13:24	09/13/16 15:55
480-105843-10	BCC Area E MW-E05_0916	Ground Water	09/13/16 08:35	09/13/16 15:55
480-105843-11	BCC Area E MW-E06_0916	Ground Water	09/13/16 13:00	09/13/16 15:55
480-105843-12	BCC Area E MW-E07_0916	Ground Water	09/13/16 11:40	09/13/16 15:55
480-105843-13	BCC Area E_MW-E05 D_0916	Ground Water	09/13/16 08:50	09/13/16 15:55
480-105843-14	TRIP BLANK	Water	09/13/16 00:00	09/13/16 15:55

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 Orion Specialty Contracting Inc. 333 Garson Street Buffalo, NY, 14203 716-856-3333 Phone 716-842-1630 FAX		Project Manager: Schove, John Tel/Fax: (716) 912-9926		Site Contact: Tom Wagner Lab Contact: Schove, John		Date: 9-13-16 Carrier: OS		COC No: 48003129 1212	
Project Name: Buffalo Color Area E Wells Site: HoneyWell Buffalo Color - NYC915232 EIM SITE ID - 37745 PC# 59080		Analysis Turnaround Time Calendar (C) or Work Days (W) W ☒ TAT ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		SDG No. 480-105843 COC		Job No. 0913-OMM		1 of 1 COCs	
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Container Volume (mL)	Container Volume (mL)	Container Volume (mL)	Sample Specific Notes
BCC_Area E_R-10_0916	9/12/16	1237	G	W	6	40	250	1-A	
BCC_Area E_R-11_0916	9/12/16	1155	G	W	6	40	250	1-A	
BCC_Area E_R-17_0916	9/12/16	1415	G	W	6	40	250	1-A	
BCC_Area E_R-29_0916	9/12/16	0925	G	W	6	40	250	1-A	
BCC_Area E_R-32_0916	9/12/16	1020	G	W	6	40	250	1-A	
BCC_Area E_R-33_0916	9/12/16	1507	G	W	6	40	250	1-A	
BCC_Area E_R-51_0916	9/13/16	1048	G	W	6	40	250	1-A	
BCC_Area E_R-12-16_0916	9/13/16	1115	G	W	6	40	250	1-A	
BCC_Area E_MW-E03_0916	9/12/16	1324	G	W	6	40	250	1-A	
BCC_Area E_MW-E04_0916	9/13/16	0835	G	W	6	40	250	1-A	
BCC_Area E_MW-E05_0916	9/13/16	1300	G	W	6	40	250	1-A	
BCC_Area E_MW-E07_0916	9/13/16	1140	G	W	6	40	250	1-A	
BCC_Area E_MW-E05_D_0916	9/13/16	0850	G	W	6	40	250	1-A	
BCC_Area E_MW-E05_MS_0916	9/13/16	0910	G	W	6	40	250	1-A	
BCC_Area E_MW-E05_MSD_0916	9/13/16	0925	G	W	6	40	250	1-A	
Trip Blank		N/A	N/A	W	2	40	250	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 ☒ Unknown Special Instructions/QC Requirements & Comments:									
Container Code: A=Amber G=Glass P=Poly/Plastic S=Summa T=Tedlar V=Vial Relinquished by: Tom Wagner Relinquished by: Company: OS Relinquished by: Company: Company: Relinquished by: Company: Company:									

#H WdC 3.6°C

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-105843-1

Login Number: 105843

List Source: TestAmerica Buffalo

List Number: 1

Creator: Conway, Curtis R

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.	N/A	
Chlorine Residual checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-109269-1

Client Project/Site: Buffalo Color Area E Wells

Sampling Event: Buffalo Color Area E Wells

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Kirsten Colligan



Authorized for release by:

11/18/2016 12:51:19 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

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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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Definitions/Glossary

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

TestAmerica Job ID: 480-109269-1

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.
F1	MS and/or MSD Recovery is outside acceptance limits.

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.
F1	MS and/or MSD Recovery is outside acceptance limits.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.

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.
α	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)

Case Narrative

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

TestAmerica Job ID: 480-109269-1

Job ID: 480-109269-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-109269-1

Comments

No additional comments.

Receipt

The samples were received on 11/8/2016 4:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.2° C.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-331878 recovered above the upper control limit for Chloromethane and Vinyl chloride. 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 E R-11 1116 (480-109269-2), BCC Area E RFI-17 1116 (480-109269-3), BCC Area E RFI-29 1116 (480-109269-4), BCC Area E RFI-32 1116 (480-109269-5) and BCC Area E MW-E03 1116 (480-109269-9).

Method(s) 8260C: The laboratory control sample (LCS) for analytical batch 480-331878 recovered outside control limits for the following analyte: Chloromethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. The following samples are impacted: BCC Area E R-11 1116 (480-109269-2), BCC Area E RFI-17 1116 (480-109269-3), BCC Area E RFI-29 1116 (480-109269-4), BCC Area E RFI-32 1116 (480-109269-5) and BCC Area E MW-E03 1116 (480-109269-9)

Methods) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area E RFI-32 1116 (480-109269-5). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-332061 recovered above the upper control limit for Vinyl chloride, Chloromethane, and Bromomethane. 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 E R-10 1116 (480-109269-1), BCC Area E RFI-33 1116 (480-109269-6), BCC Area E RFI-51 1116 (480-109269-7), BCC Area E RFI-PZ-16 1116 (480-109269-8), BCC Area E MW-E04 1116 (480-109269-10), BCC Area E MW-E05 1116 (480-109269-11), BCC Area E MW-E06 1116 (480-109269-12), BCC Area E MW-E07 1116 (480-109269-13), BCC Area E RFI-17 D 1116 (480-109269-14) and TRIP BLANK (480-109269-15).

Method(s) 8260C: The laboratory control sample (LCS) for analytical batch 480-332061 recovered outside control limits for the following analyte: Chloromethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. The following samples are impacted: BCC Area E R-10 1116 (480-109269-1), BCC Area E RFI-33 1116 (480-109269-6), BCC Area E RFI-51 1116 (480-109269-7), BCC Area E RFI-PZ-16 1116 (480-109269-8), BCC Area E MW-E04 1116 (480-109269-10), BCC Area E MW-E05 1116 (480-109269-11), BCC Area E MW-E06 1116 (480-109269-12), BCC Area E MW-E07 1116 (480-109269-13), BCC Area E RFI-17 D 1116 (480-109269-14) and TRIP BLANK (480-109269-15)

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 480-331069 recovered outside acceptance criteria, low biased, for Aniline, Bis(2-chloroethyl)ether, Isophorone, N-Nitrosodi-n-propylamine and Phenol . 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: BCC Area E R-11 1116 (480-109269-2), BCC Area E RFI-29 1116 (480-109269-4), BCC Area E RFI-32 1116 (480-109269-5), BCC Area E RFI-33 1116 (480-109269-6), BCC Area E RFI-51 1116 (480-109269-7), BCC Area E RFI-PZ-16 1116 (480-109269-8), BCC Area E MW-E03 1116 (480-109269-9), BCC Area E MW-E05 1116 (480-109269-11), BCC Area E MW-E06 1116 (480-109269-12) and BCC Area E MW-E07 1116 (480-109269-13).

Method(s) 8270D: The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 480-331069 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 is considered estimated: BCC Area E R-11 1116 (480-109269-2), BCC Area E RFI-29 1116 (480-109269-4), BCC Area E RFI-32 1116 (480-109269-5), BCC Area E RFI-33 1116

Case Narrative

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

TestAmerica Job ID: 480-109269-1

Job ID: 480-109269-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

(480-109269-6), BCC Area E RFI-51 1116 (480-109269-7), BCC Area E RFI-PZ-16 1116 (480-109269-8), BCC Area E MW-E03 1116 (480-109269-9), BCC Area E MW-E05 1116 (480-109269-11), BCC Area E MW-E06 1116 (480-109269-12) and BCC Area E MW-E07 1116 (480-109269-13).

Method(s) 8270D: The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 480-331737 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 is considered estimated: BCC Area E R-10 1116 (480-109269-1), BCC Area E RFI-17 1116 (480-109269-3), BCC Area E MW-E04 1116 (480-109269-10) and BCC Area E RFI-17 D 1116 (480-109269-14).

Method(s) 8270D: The method blank for preparation batch 480-331376 contained Bis(2-ethylhexyl) phthalate above the reporting limit (RL). The samples associated with this method blank were non detect or below the client reporting limit for the target compound; therefore, re-extraction and/or re-analysis of sample was not performed: BCC Area E R-10 1116 (480-109269-1) and BCC Area E RFI-17 1116 (480-109269-3).

Method(s) 8270D: The laboratory control sample (LCS) for preparation batch 480-331376 and analytical batch 480-331737 recovered outside control limits for the following analyte: Bis(2-ethylhexyl) phthalate. This analyte was biased high in the LCS and was not detected in the associated samples above the reporting limit; therefore, the data have been reported: BCC Area E R-10 1116 (480-109269-1) and BCC Area E RFI-17 1116 (480-109269-3).

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 E Wells

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E R-10 1116

Lab Sample ID: 480-109269-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.98	J	1.0	0.16	ug/L	1		8260C	Total/NA
Barium	0.20		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	94.9		0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.0021	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	10.4		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0033	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	44.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.090	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	4.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	158		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0056	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E R-11 1116

Lab Sample ID: 480-109269-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.8	J	10	3.0	ug/L	1		8260C	Total/NA
Barium	0.13		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	69.0		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	5.8		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	20.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.057	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	6.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	25.7		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.81		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-17 1116

Lab Sample ID: 480-109269-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	3.1	J B *	4.7	2.0	ug/L	1		8270D	Total/NA
Aluminum	0.082	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.038		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	196		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0079		0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	0.054		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	39.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.0049	B	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	1.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	19.9		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: BCC Area E RFI-29 1116

Lab Sample ID: 480-109269-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	2.1		1.0	0.79	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	3.5		1.0	0.84	ug/L	1		8260C	Total/NA
Chlorobenzene	15		1.0	0.75	ug/L	1		8260C	Total/NA
Arsenic	0.010	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.13		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	71.8		0.50	0.10	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-29 1116 (Continued)

Lab Sample ID: 480-109269-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.040	J	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0030	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	12.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.065	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	4.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	119		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-32 1116

Lab Sample ID: 480-109269-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	3700		40	30	ug/L	40		8260C	Total/NA
2-Chlorophenol	6.7		4.6	0.49	ug/L	1		8270D	Total/NA
Arsenic	0.013	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.031		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	309		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	0.0036	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0018	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	8.9		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	110		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	2.1	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0080	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	83.8		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0046	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-33 1116

Lab Sample ID: 480-109269-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.062		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	108		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.099		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0054		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0057	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	1.0		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	41.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.29	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.26		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	0.94		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	338		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0065	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-51 1116

Lab Sample ID: 480-109269-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.43		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.018		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	506		0.50	0.10	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-51 1116 (Continued)

Lab Sample ID: 480-109269-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Cobalt	0.0022	J	0.0040	0.00063	mg/L		1		6010C	Total/NA
Iron	14.4		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	260		0.20	0.043	mg/L		1		6010C	Total/NA
Manganese	1.9	B	0.0030	0.00040	mg/L		1		6010C	Total/NA
Nickel	0.0058	J	0.010	0.0013	mg/L		1		6010C	Total/NA
Potassium	32.4		0.50	0.10	mg/L		1		6010C	Total/NA
Sodium	250		1.0	0.32	mg/L		1		6010C	Total/NA
Zinc	0.0036	J	0.010	0.0015	mg/L		1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-PZ-16 1116

Lab Sample ID: 480-109269-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Barium	0.044		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	298		0.50	0.10	mg/L		1		6010C	Total/NA
Cobalt	0.045		0.0040	0.00063	mg/L		1		6010C	Total/NA
Copper	0.021		0.010	0.0016	mg/L		1		6010C	Total/NA
Iron	0.39		0.050	0.019	mg/L		1		6010C	Total/NA
Lead	0.0041	J	0.010	0.0030	mg/L		1		6010C	Total/NA
Magnesium	66.7		0.20	0.043	mg/L		1		6010C	Total/NA
Manganese	1.1	B	0.0030	0.00040	mg/L		1		6010C	Total/NA
Nickel	0.17		0.010	0.0013	mg/L		1		6010C	Total/NA
Potassium	6.8		0.50	0.10	mg/L		1		6010C	Total/NA
Sodium	21.3		1.0	0.32	mg/L		1		6010C	Total/NA
Zinc	4.2		0.010	0.0015	mg/L		1		6010C	Total/NA

Client Sample ID: BCC Area E MW-E03 1116

Lab Sample ID: 480-109269-9

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	0.056		0.0020	0.00070	mg/L		1		6010C	Total/NA
Calcium	232		0.50	0.10	mg/L		1		6010C	Total/NA
Chromium	0.0019	J	0.0040	0.0010	mg/L		1		6010C	Total/NA
Copper	0.0027	J	0.010	0.0016	mg/L		1		6010C	Total/NA
Iron	0.46		0.050	0.019	mg/L		1		6010C	Total/NA
Lead	0.0038	J	0.010	0.0030	mg/L		1		6010C	Total/NA
Magnesium	32.9		0.20	0.043	mg/L		1		6010C	Total/NA
Manganese	0.058	B	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	4.9		0.50	0.10	mg/L		1		6010C	Total/NA
Selenium	0.016	J	0.025	0.0087	mg/L		1		6010C	Total/NA
Sodium	36.0		1.0	0.32	mg/L		1		6010C	Total/NA
Zinc	0.012		0.010	0.0015	mg/L		1		6010C	Total/NA

Client Sample ID: BCC Area E MW-E04 1116

Lab Sample ID: 480-109269-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
2,4-Dinitrotoluene	2.7	J	4.6	0.41	ug/L		1		8270D	Total/NA
2,6-Dinitrotoluene	8.8		4.6	0.37	ug/L		1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E MW-E04 1116 (Continued)

Lab Sample ID: 480-109269-10

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
Antimony	0.061		0.020	0.0068	mg/L			1	6010C	Total/NA
Barium	0.064		0.0020	0.00070	mg/L			1	6010C	Total/NA
Cadmium	0.0038		0.0020	0.00050	mg/L			1	6010C	Total/NA
Calcium	149		0.50	0.10	mg/L			1	6010C	Total/NA
Chromium	0.0051		0.0040	0.0010	mg/L			1	6010C	Total/NA
Copper	0.021		0.010	0.0016	mg/L			1	6010C	Total/NA
Iron	0.98		0.050	0.019	mg/L			1	6010C	Total/NA
Lead	0.0040	J	0.010	0.0030	mg/L			1	6010C	Total/NA
Magnesium	31.1		0.20	0.043	mg/L			1	6010C	Total/NA
Manganese	0.12	B	0.0030	0.00040	mg/L			1	6010C	Total/NA
Nickel	0.017		0.010	0.0013	mg/L			1	6010C	Total/NA
Potassium	7.3		0.50	0.10	mg/L			1	6010C	Total/NA
Sodium	13.1		1.0	0.32	mg/L			1	6010C	Total/NA
Vanadium	0.0021	J	0.0050	0.0015	mg/L			1	6010C	Total/NA
Zinc	1.7		0.010	0.0015	mg/L			1	6010C	Total/NA

Client Sample ID: BCC Area E MW-E05 1116

Lab Sample ID: 480-109269-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aluminum	0.56		0.20	0.060	mg/L			1	6010C	Total/NA
Arsenic	0.0081	J	0.015	0.0056	mg/L			1	6010C	Total/NA
Barium	0.039		0.0020	0.00070	mg/L			1	6010C	Total/NA
Cadmium	0.027		0.0020	0.00050	mg/L			1	6010C	Total/NA
Calcium	242		0.50	0.10	mg/L			1	6010C	Total/NA
Cobalt	0.019		0.0040	0.00063	mg/L			1	6010C	Total/NA
Copper	0.17		0.010	0.0016	mg/L			1	6010C	Total/NA
Iron	0.85		0.050	0.019	mg/L			1	6010C	Total/NA
Lead	0.056		0.010	0.0030	mg/L			1	6010C	Total/NA
Magnesium	28.7		0.20	0.043	mg/L			1	6010C	Total/NA
Manganese	0.20	B	0.0030	0.00040	mg/L			1	6010C	Total/NA
Nickel	0.037		0.010	0.0013	mg/L			1	6010C	Total/NA
Potassium	8.0		0.50	0.10	mg/L			1	6010C	Total/NA
Selenium	0.018	J	0.025	0.0087	mg/L			1	6010C	Total/NA
Sodium	97.2		1.0	0.32	mg/L			1	6010C	Total/NA
Zinc	6.2		0.010	0.0015	mg/L			1	6010C	Total/NA

Client Sample ID: BCC Area E MW-E06 1116

Lab Sample ID: 480-109269-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	0.019		0.015	0.0056	mg/L			1	6010C	Total/NA
Barium	0.043		0.0020	0.00070	mg/L			1	6010C	Total/NA
Calcium	421		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	0.012		0.0040	0.00063	mg/L			1	6010C	Total/NA
Iron	54.0		0.050	0.019	mg/L			1	6010C	Total/NA
Lead	0.0060	J	0.010	0.0030	mg/L			1	6010C	Total/NA
Magnesium	30.5		0.20	0.043	mg/L			1	6010C	Total/NA
Manganese	1.6	B	0.0030	0.00040	mg/L			1	6010C	Total/NA
Nickel	0.014		0.010	0.0013	mg/L			1	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E MW-E06 1116 (Continued)

Lab Sample ID: 480-109269-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	6.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	48.5		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.67		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E MW-E07 1116

Lab Sample ID: 480-109269-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	8.5		4.6	0.38	ug/L	1		8270D	Total/NA
Anthracene	0.93	J	4.6	0.26	ug/L	1		8270D	Total/NA
Carbazole	0.54	J	4.6	0.27	ug/L	1		8270D	Total/NA
Dibenzofuran	2.3	J	9.1	0.47	ug/L	1		8270D	Total/NA
Fluoranthene	1.2	J	4.6	0.37	ug/L	1		8270D	Total/NA
Fluorene	4.1	J	4.6	0.33	ug/L	1		8270D	Total/NA
Phenanthrene	1.7	J	4.6	0.40	ug/L	1		8270D	Total/NA
Pyrene	0.84	J	4.6	0.31	ug/L	1		8270D	Total/NA
Aluminum	0.13	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.090		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.019		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	200		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0015	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.016		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0038	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	46.5		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.032		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	20.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.47	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.012		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	13.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	20.0		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.28		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-17 D 1116

Lab Sample ID: 480-109269-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	3.3	J	4.6	2.0	ug/L	1		8270D	Total/NA
Barium	0.039		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	199		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0082		0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	0.063		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	40.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.0050	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0049	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	20.3		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0048	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-109269-15

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E R-10 1116

Lab Sample ID: 480-109269-1

Date Collected: 11/08/16 08:30

Matrix: Ground Water

Date Received: 11/08/16 16:00

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			11/17/16 00:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/17/16 00:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/17/16 00:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/17/16 00:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/17/16 00:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/17/16 00:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/17/16 00:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/17/16 00:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/17/16 00:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/17/16 00:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/17/16 00:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/17/16 00:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/17/16 00:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/17/16 00:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/17/16 00:09	1
2-Hexanone	ND		5.0	1.2	ug/L			11/17/16 00:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/17/16 00:09	1
Acetone	ND		10	3.0	ug/L			11/17/16 00:09	1
Benzene	ND		1.0	0.41	ug/L			11/17/16 00:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/17/16 00:09	1
Bromoform	ND		1.0	0.26	ug/L			11/17/16 00:09	1
Bromomethane	ND		1.0	0.69	ug/L			11/17/16 00:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/17/16 00:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/17/16 00:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/17/16 00:09	1
Chloroethane	ND		1.0	0.32	ug/L			11/17/16 00:09	1
Chloroform	ND		1.0	0.34	ug/L			11/17/16 00:09	1
Chloromethane	ND	*	1.0	0.35	ug/L			11/17/16 00:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/17/16 00:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/17/16 00:09	1
Cyclohexane	ND		1.0	0.18	ug/L			11/17/16 00:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/17/16 00:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/17/16 00:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/17/16 00:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/17/16 00:09	1
Methyl acetate	ND		2.5	1.3	ug/L			11/17/16 00:09	1
Methyl tert-butyl ether	0.98	J	1.0	0.16	ug/L			11/17/16 00:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/17/16 00:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/17/16 00:09	1
Styrene	ND		1.0	0.73	ug/L			11/17/16 00:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/17/16 00:09	1
Toluene	ND		1.0	0.51	ug/L			11/17/16 00:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/17/16 00:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/17/16 00:09	1
Trichloroethene	ND		1.0	0.46	ug/L			11/17/16 00:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/17/16 00:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/17/16 00:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/17/16 00:09	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E R-10 1116

Lab Sample ID: 480-109269-1

Date Collected: 11/08/16 08:30

Matrix: Ground Water

Date Received: 11/08/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		11/17/16 00:09	1
4-Bromofluorobenzene (Surr)	102		73 - 120		11/17/16 00:09	1
Toluene-d8 (Surr)	104		80 - 120		11/17/16 00:09	1
Dibromofluoromethane (Surr)	107		75 - 123		11/17/16 00:09	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		11/14/16 07:29	11/15/16 22:35	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		11/14/16 07:29	11/15/16 22:35	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		11/14/16 07:29	11/15/16 22:35	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/14/16 07:29	11/15/16 22:35	1
2,4-Dinitrophenol	ND		9.2	2.1	ug/L		11/14/16 07:29	11/15/16 22:35	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		11/14/16 07:29	11/15/16 22:35	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		11/14/16 07:29	11/15/16 22:35	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		11/14/16 07:29	11/15/16 22:35	1
2-Chlorophenol	ND		4.6	0.49	ug/L		11/14/16 07:29	11/15/16 22:35	1
2-Methylnaphthalene	ND		4.6	0.55	ug/L		11/14/16 07:29	11/15/16 22:35	1
2-Methylphenol	ND		4.6	0.37	ug/L		11/14/16 07:29	11/15/16 22:35	1
2-Nitroaniline	ND		9.2	0.39	ug/L		11/14/16 07:29	11/15/16 22:35	1
2-Nitrophenol	ND		4.6	0.44	ug/L		11/14/16 07:29	11/15/16 22:35	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		11/14/16 07:29	11/15/16 22:35	1
3-Nitroaniline	ND		9.2	0.44	ug/L		11/14/16 07:29	11/15/16 22:35	1
4,6-Dinitro-2-methylphenol	ND		9.2	2.0	ug/L		11/14/16 07:29	11/15/16 22:35	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		11/14/16 07:29	11/15/16 22:35	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		11/14/16 07:29	11/15/16 22:35	1
4-Chloroaniline	ND		4.6	0.55	ug/L		11/14/16 07:29	11/15/16 22:35	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		11/14/16 07:29	11/15/16 22:35	1
4-Methylphenol	ND		9.2	0.33	ug/L		11/14/16 07:29	11/15/16 22:35	1
4-Nitroaniline	ND		9.2	0.23	ug/L		11/14/16 07:29	11/15/16 22:35	1
4-Nitrophenol	ND		9.2	1.4	ug/L		11/14/16 07:29	11/15/16 22:35	1
Acenaphthene	ND		4.6	0.38	ug/L		11/14/16 07:29	11/15/16 22:35	1
Acenaphthylene	ND		4.6	0.35	ug/L		11/14/16 07:29	11/15/16 22:35	1
Acetophenone	ND		4.6	0.50	ug/L		11/14/16 07:29	11/15/16 22:35	1
Aniline	ND		9.2	0.56	ug/L		11/14/16 07:29	11/15/16 22:35	1
Anthracene	ND		4.6	0.26	ug/L		11/14/16 07:29	11/15/16 22:35	1
Atrazine	ND		4.6	0.43	ug/L		11/14/16 07:29	11/15/16 22:35	1
Benzaldehyde	ND		4.6	0.25	ug/L		11/14/16 07:29	11/15/16 22:35	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		11/14/16 07:29	11/15/16 22:35	1
Benzo(a)pyrene	ND		4.6	0.43	ug/L		11/14/16 07:29	11/15/16 22:35	1
Benzo(b)fluoranthene	ND		4.6	0.31	ug/L		11/14/16 07:29	11/15/16 22:35	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		11/14/16 07:29	11/15/16 22:35	1
Benzo(k)fluoranthene	ND		4.6	0.67	ug/L		11/14/16 07:29	11/15/16 22:35	1
Biphenyl	ND		4.6	0.60	ug/L		11/14/16 07:29	11/15/16 22:35	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		11/14/16 07:29	11/15/16 22:35	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		11/14/16 07:29	11/15/16 22:35	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		11/14/16 07:29	11/15/16 22:35	1
Bis(2-ethylhexyl) phthalate	ND	*	4.6	2.0	ug/L		11/14/16 07:29	11/15/16 22:35	1
Butyl benzyl phthalate	ND		4.6	0.92	ug/L		11/14/16 07:29	11/15/16 22:35	1
Caprolactam	ND		4.6	2.0	ug/L		11/14/16 07:29	11/15/16 22:35	1
Carbazole	ND		4.6	0.28	ug/L		11/14/16 07:29	11/15/16 22:35	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E R-10 1116

Lab Sample ID: 480-109269-1

Date Collected: 11/08/16 08:30

Matrix: Ground Water

Date Received: 11/08/16 16:00

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		11/14/16 07:29	11/15/16 22:35	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		11/14/16 07:29	11/15/16 22:35	1
Dibenzofuran	ND		9.2	0.47	ug/L		11/14/16 07:29	11/15/16 22:35	1
Diethyl phthalate	ND		4.6	0.20	ug/L		11/14/16 07:29	11/15/16 22:35	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		11/14/16 07:29	11/15/16 22:35	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		11/14/16 07:29	11/15/16 22:35	1
Di-n-octyl phthalate	ND		4.6	0.43	ug/L		11/14/16 07:29	11/15/16 22:35	1
Fluoranthene	ND		4.6	0.37	ug/L		11/14/16 07:29	11/15/16 22:35	1
Fluorene	ND		4.6	0.33	ug/L		11/14/16 07:29	11/15/16 22:35	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		11/14/16 07:29	11/15/16 22:35	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		11/14/16 07:29	11/15/16 22:35	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		11/14/16 07:29	11/15/16 22:35	1
Hexachloroethane	ND		4.6	0.55	ug/L		11/14/16 07:29	11/15/16 22:35	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.43	ug/L		11/14/16 07:29	11/15/16 22:35	1
Isophorone	ND		4.6	0.40	ug/L		11/14/16 07:29	11/15/16 22:35	1
Naphthalene	ND		4.6	0.70	ug/L		11/14/16 07:29	11/15/16 22:35	1
Nitrobenzene	ND		4.6	0.27	ug/L		11/14/16 07:29	11/15/16 22:35	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		11/14/16 07:29	11/15/16 22:35	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		11/14/16 07:29	11/15/16 22:35	1
Pentachlorophenol	ND		9.2	2.0	ug/L		11/14/16 07:29	11/15/16 22:35	1
Phenanthrene	ND		4.6	0.41	ug/L		11/14/16 07:29	11/15/16 22:35	1
Phenol	ND		4.6	0.36	ug/L		11/14/16 07:29	11/15/16 22:35	1
Pyrene	ND		4.6	0.31	ug/L		11/14/16 07:29	11/15/16 22:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		52 - 132	11/14/16 07:29	11/15/16 22:35	1
2-Fluorobiphenyl	76		48 - 120	11/14/16 07:29	11/15/16 22:35	1
2-Fluorophenol	58		20 - 120	11/14/16 07:29	11/15/16 22:35	1
Nitrobenzene-d5	73		46 - 120	11/14/16 07:29	11/15/16 22:35	1
Phenol-d5	44		16 - 120	11/14/16 07:29	11/15/16 22:35	1
p-Terphenyl-d14	83		67 - 150	11/14/16 07:29	11/15/16 22:35	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/09/16 13:55	11/11/16 04:08	1
Antimony	ND		0.020	0.0068	mg/L		11/09/16 13:55	11/11/16 04:08	1
Arsenic	ND		0.015	0.0056	mg/L		11/09/16 13:55	11/11/16 04:08	1
Barium	0.20		0.0020	0.00070	mg/L		11/09/16 13:55	11/11/16 04:08	1
Beryllium	ND		0.0020	0.00030	mg/L		11/09/16 13:55	11/11/16 04:08	1
Cadmium	ND		0.0020	0.00050	mg/L		11/09/16 13:55	11/11/16 04:08	1
Calcium	94.9		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 04:08	1
Chromium	ND		0.0040	0.0010	mg/L		11/09/16 13:55	11/11/16 04:08	1
Cobalt	ND		0.0040	0.00063	mg/L		11/09/16 13:55	11/11/16 04:08	1
Copper	0.0021	J	0.010	0.0016	mg/L		11/09/16 13:55	11/11/16 04:08	1
Iron	10.4		0.050	0.019	mg/L		11/09/16 13:55	11/11/16 04:08	1
Lead	0.0033	J	0.010	0.0030	mg/L		11/09/16 13:55	11/11/16 04:08	1
Magnesium	44.2		0.20	0.043	mg/L		11/09/16 13:55	11/11/16 04:08	1
Manganese	0.090	B	0.0030	0.00040	mg/L		11/09/16 13:55	11/11/16 04:08	1
Nickel	ND		0.010	0.0013	mg/L		11/09/16 13:55	11/11/16 04:08	1
Potassium	4.4		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 04:08	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E R-10 1116

Lab Sample ID: 480-109269-1

Date Collected: 11/08/16 08:30

Matrix: Ground Water

Date Received: 11/08/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/09/16 13:55	11/11/16 04:08	1
Silver	ND		0.0060	0.0017	mg/L		11/09/16 13:55	11/11/16 04:08	1
Sodium	158		1.0	0.32	mg/L		11/09/16 13:55	11/11/16 04:08	1
Thallium	ND		0.020	0.010	mg/L		11/09/16 13:55	11/11/16 04:08	1
Vanadium	ND		0.0050	0.0015	mg/L		11/09/16 13:55	11/11/16 04:08	1
Zinc	0.0056	J	0.010	0.0015	mg/L		11/09/16 13:55	11/11/16 04:08	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/10/16 09:05	11/10/16 16:27	1

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E R-11 1116

Lab Sample ID: 480-109269-2

Date Collected: 11/07/16 11:40

Matrix: Ground Water

Date Received: 11/08/16 16:00

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			11/16/16 16:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/16/16 16:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/16/16 16:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/16/16 16:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/16/16 16:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/16/16 16:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/16/16 16:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/16/16 16:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/16/16 16:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/16/16 16:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/16/16 16:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/16/16 16:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/16/16 16:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/16/16 16:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/16/16 16:53	1
2-Hexanone	ND		5.0	1.2	ug/L			11/16/16 16:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/16/16 16:53	1
Acetone	3.8	J	10	3.0	ug/L			11/16/16 16:53	1
Benzene	ND		1.0	0.41	ug/L			11/16/16 16:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/16/16 16:53	1
Bromoform	ND		1.0	0.26	ug/L			11/16/16 16:53	1
Bromomethane	ND		1.0	0.69	ug/L			11/16/16 16:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/16/16 16:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/16/16 16:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/16/16 16:53	1
Chloroethane	ND		1.0	0.32	ug/L			11/16/16 16:53	1
Chloroform	ND		1.0	0.34	ug/L			11/16/16 16:53	1
Chloromethane	ND	*	1.0	0.35	ug/L			11/16/16 16:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/16/16 16:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/16/16 16:53	1
Cyclohexane	ND		1.0	0.18	ug/L			11/16/16 16:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/16/16 16:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/16/16 16:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/16/16 16:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/16/16 16:53	1
Methyl acetate	ND		2.5	1.3	ug/L			11/16/16 16:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/16/16 16:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/16/16 16:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/16/16 16:53	1
Styrene	ND		1.0	0.73	ug/L			11/16/16 16:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/16/16 16:53	1
Toluene	ND		1.0	0.51	ug/L			11/16/16 16:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/16/16 16:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/16/16 16:53	1
Trichloroethene	ND		1.0	0.46	ug/L			11/16/16 16:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/16/16 16:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/16/16 16:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/16/16 16:53	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E R-11 1116

Lab Sample ID: 480-109269-2

Date Collected: 11/07/16 11:40

Matrix: Ground Water

Date Received: 11/08/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		11/16/16 16:53	1
4-Bromofluorobenzene (Surr)	99		73 - 120		11/16/16 16:53	1
Toluene-d8 (Surr)	107		80 - 120		11/16/16 16:53	1
Dibromofluoromethane (Surr)	106		75 - 123		11/16/16 16:53	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		11/09/16 14:23	11/11/16 18:46	1
2,4,6-Trichlorophenol	ND		4.6	0.57	ug/L		11/09/16 14:23	11/11/16 18:46	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 18:46	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/09/16 14:23	11/11/16 18:46	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		11/09/16 14:23	11/11/16 18:46	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		11/09/16 14:23	11/11/16 18:46	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 18:46	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		11/09/16 14:23	11/11/16 18:46	1
2-Chlorophenol	ND		4.6	0.49	ug/L		11/09/16 14:23	11/11/16 18:46	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		11/09/16 14:23	11/11/16 18:46	1
2-Methylphenol	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 18:46	1
2-Nitroaniline	ND		9.3	0.39	ug/L		11/09/16 14:23	11/11/16 18:46	1
2-Nitrophenol	ND		4.6	0.45	ug/L		11/09/16 14:23	11/11/16 18:46	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 18:46	1
3-Nitroaniline	ND		9.3	0.45	ug/L		11/09/16 14:23	11/11/16 18:46	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		11/09/16 14:23	11/11/16 18:46	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		11/09/16 14:23	11/11/16 18:46	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		11/09/16 14:23	11/11/16 18:46	1
4-Chloroaniline	ND		4.6	0.55	ug/L		11/09/16 14:23	11/11/16 18:46	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 18:46	1
4-Methylphenol	ND		9.3	0.33	ug/L		11/09/16 14:23	11/11/16 18:46	1
4-Nitroaniline	ND		9.3	0.23	ug/L		11/09/16 14:23	11/11/16 18:46	1
4-Nitrophenol	ND		9.3	1.4	ug/L		11/09/16 14:23	11/11/16 18:46	1
Acenaphthene	ND		4.6	0.38	ug/L		11/09/16 14:23	11/11/16 18:46	1
Acenaphthylene	ND		4.6	0.35	ug/L		11/09/16 14:23	11/11/16 18:46	1
Acetophenone	ND		4.6	0.50	ug/L		11/09/16 14:23	11/11/16 18:46	1
Aniline	ND		9.3	0.57	ug/L		11/09/16 14:23	11/11/16 18:46	1
Anthracene	ND		4.6	0.26	ug/L		11/09/16 14:23	11/11/16 18:46	1
Atrazine	ND		4.6	0.43	ug/L		11/09/16 14:23	11/11/16 18:46	1
Benzaldehyde	ND		4.6	0.25	ug/L		11/09/16 14:23	11/11/16 18:46	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		11/09/16 14:23	11/11/16 18:46	1
Benzo(a)pyrene	ND		4.6	0.44	ug/L		11/09/16 14:23	11/11/16 18:46	1
Benzo(b)fluoranthene	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 18:46	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 18:46	1
Benzo(k)fluoranthene	ND		4.6	0.68	ug/L		11/09/16 14:23	11/11/16 18:46	1
Biphenyl	ND		4.6	0.61	ug/L		11/09/16 14:23	11/11/16 18:46	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		11/09/16 14:23	11/11/16 18:46	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 18:46	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 18:46	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		11/09/16 14:23	11/11/16 18:46	1
Butyl benzyl phthalate	ND		4.6	0.93	ug/L		11/09/16 14:23	11/11/16 18:46	1
Caprolactam	ND		4.6	2.0	ug/L		11/09/16 14:23	11/11/16 18:46	1
Carbazole	ND		4.6	0.28	ug/L		11/09/16 14:23	11/11/16 18:46	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E R-11 1116

Lab Sample ID: 480-109269-2

Date Collected: 11/07/16 11:40

Matrix: Ground Water

Date Received: 11/08/16 16:00

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		11/09/16 14:23	11/11/16 18:46	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		11/09/16 14:23	11/11/16 18:46	1
Dibenzofuran	ND		9.3	0.47	ug/L		11/09/16 14:23	11/11/16 18:46	1
Diethyl phthalate	ND		4.6	0.20	ug/L		11/09/16 14:23	11/11/16 18:46	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		11/09/16 14:23	11/11/16 18:46	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		11/09/16 14:23	11/11/16 18:46	1
Di-n-octyl phthalate	ND		4.6	0.44	ug/L		11/09/16 14:23	11/11/16 18:46	1
Fluoranthene	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 18:46	1
Fluorene	ND		4.6	0.33	ug/L		11/09/16 14:23	11/11/16 18:46	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 18:46	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		11/09/16 14:23	11/11/16 18:46	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		11/09/16 14:23	11/11/16 18:46	1
Hexachloroethane	ND		4.6	0.55	ug/L		11/09/16 14:23	11/11/16 18:46	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.44	ug/L		11/09/16 14:23	11/11/16 18:46	1
Isophorone	ND		4.6	0.40	ug/L		11/09/16 14:23	11/11/16 18:46	1
Naphthalene	ND		4.6	0.71	ug/L		11/09/16 14:23	11/11/16 18:46	1
Nitrobenzene	ND		4.6	0.27	ug/L		11/09/16 14:23	11/11/16 18:46	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		11/09/16 14:23	11/11/16 18:46	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 18:46	1
Pentachlorophenol	ND		9.3	2.0	ug/L		11/09/16 14:23	11/11/16 18:46	1
Phenanthrene	ND		4.6	0.41	ug/L		11/09/16 14:23	11/11/16 18:46	1
Phenol	ND		4.6	0.36	ug/L		11/09/16 14:23	11/11/16 18:46	1
Pyrene	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 18:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	97		52 - 132	11/09/16 14:23	11/11/16 18:46	1
2-Fluorobiphenyl	98		48 - 120	11/09/16 14:23	11/11/16 18:46	1
2-Fluorophenol	57		20 - 120	11/09/16 14:23	11/11/16 18:46	1
Nitrobenzene-d5	79		46 - 120	11/09/16 14:23	11/11/16 18:46	1
Phenol-d5	41		16 - 120	11/09/16 14:23	11/11/16 18:46	1
p-Terphenyl-d14	87		67 - 150	11/09/16 14:23	11/11/16 18:46	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/09/16 13:55	11/11/16 04:11	1
Antimony	ND		0.020	0.0068	mg/L		11/09/16 13:55	11/11/16 04:11	1
Arsenic	ND		0.015	0.0056	mg/L		11/09/16 13:55	11/11/16 04:11	1
Barium	0.13		0.0020	0.00070	mg/L		11/09/16 13:55	11/11/16 04:11	1
Beryllium	ND		0.0020	0.00030	mg/L		11/09/16 13:55	11/11/16 04:11	1
Cadmium	ND		0.0020	0.00050	mg/L		11/09/16 13:55	11/11/16 04:11	1
Calcium	69.0		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 04:11	1
Chromium	ND		0.0040	0.0010	mg/L		11/09/16 13:55	11/11/16 04:11	1
Cobalt	ND		0.0040	0.00063	mg/L		11/09/16 13:55	11/11/16 04:11	1
Copper	ND		0.010	0.0016	mg/L		11/09/16 13:55	11/11/16 04:11	1
Iron	5.8		0.050	0.019	mg/L		11/09/16 13:55	11/11/16 04:11	1
Lead	ND		0.010	0.0030	mg/L		11/09/16 13:55	11/11/16 04:11	1
Magnesium	20.3		0.20	0.043	mg/L		11/09/16 13:55	11/11/16 04:11	1
Manganese	0.057	B	0.0030	0.00040	mg/L		11/09/16 13:55	11/11/16 04:11	1
Nickel	ND		0.010	0.0013	mg/L		11/09/16 13:55	11/11/16 04:11	1
Potassium	6.7		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 04:11	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E R-11 1116

Lab Sample ID: 480-109269-2

Date Collected: 11/07/16 11:40

Matrix: Ground Water

Date Received: 11/08/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/09/16 13:55	11/11/16 04:11	1
Silver	ND		0.0060	0.0017	mg/L		11/09/16 13:55	11/11/16 04:11	1
Sodium	25.7		1.0	0.32	mg/L		11/09/16 13:55	11/11/16 04:11	1
Thallium	ND		0.020	0.010	mg/L		11/09/16 13:55	11/11/16 04:11	1
Vanadium	ND		0.0050	0.0015	mg/L		11/09/16 13:55	11/11/16 04:11	1
Zinc	0.81		0.010	0.0015	mg/L		11/09/16 13:55	11/11/16 04:11	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/10/16 09:05	11/10/16 16:29	1

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-17 1116

Lab Sample ID: 480-109269-3

Date Collected: 11/07/16 12:30

Matrix: Ground Water

Date Received: 11/08/16 16:00

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			11/16/16 17:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/16/16 17:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/16/16 17:20	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/16/16 17:20	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/16/16 17:20	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/16/16 17:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/16/16 17:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/16/16 17:20	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/16/16 17:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/16/16 17:20	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/16/16 17:20	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/16/16 17:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/16/16 17:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/16/16 17:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/16/16 17:20	1
2-Hexanone	ND		5.0	1.2	ug/L			11/16/16 17:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/16/16 17:20	1
Acetone	ND		10	3.0	ug/L			11/16/16 17:20	1
Benzene	ND		1.0	0.41	ug/L			11/16/16 17:20	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/16/16 17:20	1
Bromoform	ND		1.0	0.26	ug/L			11/16/16 17:20	1
Bromomethane	ND	F1	1.0	0.69	ug/L			11/16/16 17:20	1
Carbon disulfide	ND	F1	1.0	0.19	ug/L			11/16/16 17:20	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/16/16 17:20	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/16/16 17:20	1
Chloroethane	ND	F1	1.0	0.32	ug/L			11/16/16 17:20	1
Chloroform	ND		1.0	0.34	ug/L			11/16/16 17:20	1
Chloromethane	ND	F1 *	1.0	0.35	ug/L			11/16/16 17:20	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/16/16 17:20	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/16/16 17:20	1
Cyclohexane	ND		1.0	0.18	ug/L			11/16/16 17:20	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/16/16 17:20	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/16/16 17:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/16/16 17:20	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/16/16 17:20	1
Methyl acetate	ND		2.5	1.3	ug/L			11/16/16 17:20	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/16/16 17:20	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/16/16 17:20	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/16/16 17:20	1
Styrene	ND		1.0	0.73	ug/L			11/16/16 17:20	1
Tetrachloroethene	ND	F1	1.0	0.36	ug/L			11/16/16 17:20	1
Toluene	ND		1.0	0.51	ug/L			11/16/16 17:20	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/16/16 17:20	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/16/16 17:20	1
Trichloroethene	ND		1.0	0.46	ug/L			11/16/16 17:20	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/16/16 17:20	1
Vinyl chloride	ND	F1	1.0	0.90	ug/L			11/16/16 17:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/16/16 17:20	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-17 1116

Lab Sample ID: 480-109269-3

Date Collected: 11/07/16 12:30

Matrix: Ground Water

Date Received: 11/08/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		11/16/16 17:20	1
4-Bromofluorobenzene (Surr)	98		73 - 120		11/16/16 17:20	1
Toluene-d8 (Surr)	104		80 - 120		11/16/16 17:20	1
Dibromofluoromethane (Surr)	106		75 - 123		11/16/16 17:20	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		11/14/16 07:29	11/15/16 23:03	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		11/14/16 07:29	11/15/16 23:03	1
2,4-Dichlorophenol	ND		4.7	0.47	ug/L		11/14/16 07:29	11/15/16 23:03	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		11/14/16 07:29	11/15/16 23:03	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		11/14/16 07:29	11/15/16 23:03	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		11/14/16 07:29	11/15/16 23:03	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		11/14/16 07:29	11/15/16 23:03	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		11/14/16 07:29	11/15/16 23:03	1
2-Chlorophenol	ND		4.7	0.49	ug/L		11/14/16 07:29	11/15/16 23:03	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		11/14/16 07:29	11/15/16 23:03	1
2-Methylphenol	ND		4.7	0.37	ug/L		11/14/16 07:29	11/15/16 23:03	1
2-Nitroaniline	ND		9.3	0.39	ug/L		11/14/16 07:29	11/15/16 23:03	1
2-Nitrophenol	ND		4.7	0.45	ug/L		11/14/16 07:29	11/15/16 23:03	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		11/14/16 07:29	11/15/16 23:03	1
3-Nitroaniline	ND		9.3	0.45	ug/L		11/14/16 07:29	11/15/16 23:03	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		11/14/16 07:29	11/15/16 23:03	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		11/14/16 07:29	11/15/16 23:03	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		11/14/16 07:29	11/15/16 23:03	1
4-Chloroaniline	ND		4.7	0.55	ug/L		11/14/16 07:29	11/15/16 23:03	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		11/14/16 07:29	11/15/16 23:03	1
4-Methylphenol	ND		9.3	0.34	ug/L		11/14/16 07:29	11/15/16 23:03	1
4-Nitroaniline	ND		9.3	0.23	ug/L		11/14/16 07:29	11/15/16 23:03	1
4-Nitrophenol	ND		9.3	1.4	ug/L		11/14/16 07:29	11/15/16 23:03	1
Acenaphthene	ND		4.7	0.38	ug/L		11/14/16 07:29	11/15/16 23:03	1
Acenaphthylene	ND		4.7	0.35	ug/L		11/14/16 07:29	11/15/16 23:03	1
Acetophenone	ND		4.7	0.50	ug/L		11/14/16 07:29	11/15/16 23:03	1
Aniline	ND		9.3	0.57	ug/L		11/14/16 07:29	11/15/16 23:03	1
Anthracene	ND		4.7	0.26	ug/L		11/14/16 07:29	11/15/16 23:03	1
Atrazine	ND		4.7	0.43	ug/L		11/14/16 07:29	11/15/16 23:03	1
Benzaldehyde	ND		4.7	0.25	ug/L		11/14/16 07:29	11/15/16 23:03	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		11/14/16 07:29	11/15/16 23:03	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		11/14/16 07:29	11/15/16 23:03	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		11/14/16 07:29	11/15/16 23:03	1
Benzo(g,h,i)perylene	ND	F1	4.7	0.33	ug/L		11/14/16 07:29	11/15/16 23:03	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		11/14/16 07:29	11/15/16 23:03	1
Biphenyl	ND		4.7	0.61	ug/L		11/14/16 07:29	11/15/16 23:03	1
bis (2-chloroisopropyl) ether	ND		4.7	0.48	ug/L		11/14/16 07:29	11/15/16 23:03	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		11/14/16 07:29	11/15/16 23:03	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		11/14/16 07:29	11/15/16 23:03	1
Bis(2-ethylhexyl) phthalate	3.1	J B *	4.7	2.0	ug/L		11/14/16 07:29	11/15/16 23:03	1
Butyl benzyl phthalate	ND		4.7	0.93	ug/L		11/14/16 07:29	11/15/16 23:03	1
Caprolactam	ND		4.7	2.0	ug/L		11/14/16 07:29	11/15/16 23:03	1
Carbazole	ND		4.7	0.28	ug/L		11/14/16 07:29	11/15/16 23:03	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-17 1116

Lab Sample ID: 480-109269-3

Date Collected: 11/07/16 12:30

Matrix: Ground Water

Date Received: 11/08/16 16:00

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		11/14/16 07:29	11/15/16 23:03	1
Dibenz(a,h)anthracene	ND	F1	4.7	0.39	ug/L		11/14/16 07:29	11/15/16 23:03	1
Dibenzofuran	ND		9.3	0.47	ug/L		11/14/16 07:29	11/15/16 23:03	1
Diethyl phthalate	ND		4.7	0.20	ug/L		11/14/16 07:29	11/15/16 23:03	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		11/14/16 07:29	11/15/16 23:03	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		11/14/16 07:29	11/15/16 23:03	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		11/14/16 07:29	11/15/16 23:03	1
Fluoranthene	ND		4.7	0.37	ug/L		11/14/16 07:29	11/15/16 23:03	1
Fluorene	ND		4.7	0.34	ug/L		11/14/16 07:29	11/15/16 23:03	1
Hexachlorobenzene	ND		4.7	0.47	ug/L		11/14/16 07:29	11/15/16 23:03	1
Hexachlorobutadiene	ND		4.7	0.63	ug/L		11/14/16 07:29	11/15/16 23:03	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		11/14/16 07:29	11/15/16 23:03	1
Hexachloroethane	ND		4.7	0.55	ug/L		11/14/16 07:29	11/15/16 23:03	1
Indeno(1,2,3-cd)pyrene	ND	F1	4.7	0.44	ug/L		11/14/16 07:29	11/15/16 23:03	1
Isophorone	ND		4.7	0.40	ug/L		11/14/16 07:29	11/15/16 23:03	1
Naphthalene	ND		4.7	0.71	ug/L		11/14/16 07:29	11/15/16 23:03	1
Nitrobenzene	ND		4.7	0.27	ug/L		11/14/16 07:29	11/15/16 23:03	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		11/14/16 07:29	11/15/16 23:03	1
N-Nitrosodiphenylamine	ND		4.7	0.47	ug/L		11/14/16 07:29	11/15/16 23:03	1
Pentachlorophenol	ND		9.3	2.0	ug/L		11/14/16 07:29	11/15/16 23:03	1
Phenanthrene	ND		4.7	0.41	ug/L		11/14/16 07:29	11/15/16 23:03	1
Phenol	ND		4.7	0.36	ug/L		11/14/16 07:29	11/15/16 23:03	1
Pyrene	ND		4.7	0.32	ug/L		11/14/16 07:29	11/15/16 23:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	68		52 - 132	11/14/16 07:29	11/15/16 23:03	1
2-Fluorobiphenyl	80		48 - 120	11/14/16 07:29	11/15/16 23:03	1
2-Fluorophenol	58		20 - 120	11/14/16 07:29	11/15/16 23:03	1
Nitrobenzene-d5	77		46 - 120	11/14/16 07:29	11/15/16 23:03	1
Phenol-d5	45		16 - 120	11/14/16 07:29	11/15/16 23:03	1
p-Terphenyl-d14	88		67 - 150	11/14/16 07:29	11/15/16 23:03	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.082	J	0.20	0.060	mg/L		11/09/16 13:55	11/11/16 04:15	1
Antimony	ND		0.020	0.0068	mg/L		11/09/16 13:55	11/11/16 04:15	1
Arsenic	ND		0.015	0.0056	mg/L		11/09/16 13:55	11/11/16 04:15	1
Barium	0.038		0.0020	0.00070	mg/L		11/09/16 13:55	11/11/16 04:15	1
Beryllium	ND		0.0020	0.00030	mg/L		11/09/16 13:55	11/11/16 04:15	1
Cadmium	ND		0.0020	0.00050	mg/L		11/09/16 13:55	11/11/16 04:15	1
Calcium	196		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 04:15	1
Chromium	0.0079		0.0040	0.0010	mg/L		11/09/16 13:55	11/11/16 04:15	1
Cobalt	ND		0.0040	0.00063	mg/L		11/09/16 13:55	11/11/16 04:15	1
Copper	ND		0.010	0.0016	mg/L		11/09/16 13:55	11/11/16 04:15	1
Iron	0.054		0.050	0.019	mg/L		11/09/16 13:55	11/11/16 04:15	1
Lead	ND		0.010	0.0030	mg/L		11/09/16 13:55	11/11/16 04:15	1
Magnesium	39.4		0.20	0.043	mg/L		11/09/16 13:55	11/11/16 04:15	1
Manganese	0.0049	B	0.0030	0.00040	mg/L		11/09/16 13:55	11/11/16 04:15	1
Nickel	0.0047	J	0.010	0.0013	mg/L		11/09/16 13:55	11/11/16 04:15	1
Potassium	1.8		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 04:15	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-17 1116

Lab Sample ID: 480-109269-3

Date Collected: 11/07/16 12:30

Matrix: Ground Water

Date Received: 11/08/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/09/16 13:55	11/11/16 04:15	1
Silver	ND		0.0060	0.0017	mg/L		11/09/16 13:55	11/11/16 04:15	1
Sodium	19.9		1.0	0.32	mg/L		11/09/16 13:55	11/11/16 04:15	1
Thallium	ND		0.020	0.010	mg/L		11/09/16 13:55	11/11/16 04:15	1
Vanadium	ND		0.0050	0.0015	mg/L		11/09/16 13:55	11/11/16 04:15	1
Zinc	0.0054	J	0.010	0.0015	mg/L		11/09/16 13:55	11/11/16 04:15	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/10/16 09:05	11/10/16 16:31	1

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-29 1116

Lab Sample ID: 480-109269-4

Date Collected: 11/07/16 09:15

Matrix: Ground Water

Date Received: 11/08/16 16:00

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			11/16/16 17:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/16/16 17:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/16/16 17:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/16/16 17:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/16/16 17:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/16/16 17:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/16/16 17:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/16/16 17:48	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/16/16 17:48	1
1,2-Dichlorobenzene	2.1		1.0	0.79	ug/L			11/16/16 17:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/16/16 17:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/16/16 17:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/16/16 17:48	1
1,4-Dichlorobenzene	3.5		1.0	0.84	ug/L			11/16/16 17:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/16/16 17:48	1
2-Hexanone	ND		5.0	1.2	ug/L			11/16/16 17:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/16/16 17:48	1
Acetone	ND		10	3.0	ug/L			11/16/16 17:48	1
Benzene	ND		1.0	0.41	ug/L			11/16/16 17:48	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/16/16 17:48	1
Bromoform	ND		1.0	0.26	ug/L			11/16/16 17:48	1
Bromomethane	ND		1.0	0.69	ug/L			11/16/16 17:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/16/16 17:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/16/16 17:48	1
Chlorobenzene	15		1.0	0.75	ug/L			11/16/16 17:48	1
Chloroethane	ND		1.0	0.32	ug/L			11/16/16 17:48	1
Chloroform	ND		1.0	0.34	ug/L			11/16/16 17:48	1
Chloromethane	ND	*	1.0	0.35	ug/L			11/16/16 17:48	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/16/16 17:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/16/16 17:48	1
Cyclohexane	ND		1.0	0.18	ug/L			11/16/16 17:48	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/16/16 17:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/16/16 17:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/16/16 17:48	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/16/16 17:48	1
Methyl acetate	ND		2.5	1.3	ug/L			11/16/16 17:48	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/16/16 17:48	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/16/16 17:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/16/16 17:48	1
Styrene	ND		1.0	0.73	ug/L			11/16/16 17:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/16/16 17:48	1
Toluene	ND		1.0	0.51	ug/L			11/16/16 17:48	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/16/16 17:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/16/16 17:48	1
Trichloroethene	ND		1.0	0.46	ug/L			11/16/16 17:48	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/16/16 17:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/16/16 17:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/16/16 17:48	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-29 1116

Lab Sample ID: 480-109269-4

Date Collected: 11/07/16 09:15

Matrix: Ground Water

Date Received: 11/08/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		11/16/16 17:48	1
4-Bromofluorobenzene (Surr)	99		73 - 120		11/16/16 17:48	1
Toluene-d8 (Surr)	105		80 - 120		11/16/16 17:48	1
Dibromofluoromethane (Surr)	107		75 - 123		11/16/16 17:48	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		11/09/16 14:23	11/11/16 19:15	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		11/09/16 14:23	11/11/16 19:15	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 19:15	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/09/16 14:23	11/11/16 19:15	1
2,4-Dinitrophenol	ND		9.2	2.0	ug/L		11/09/16 14:23	11/11/16 19:15	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		11/09/16 14:23	11/11/16 19:15	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 19:15	1
2-Chloronaphthalene	ND		4.6	0.42	ug/L		11/09/16 14:23	11/11/16 19:15	1
2-Chlorophenol	ND		4.6	0.49	ug/L		11/09/16 14:23	11/11/16 19:15	1
2-Methylnaphthalene	ND		4.6	0.55	ug/L		11/09/16 14:23	11/11/16 19:15	1
2-Methylphenol	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 19:15	1
2-Nitroaniline	ND		9.2	0.39	ug/L		11/09/16 14:23	11/11/16 19:15	1
2-Nitrophenol	ND		4.6	0.44	ug/L		11/09/16 14:23	11/11/16 19:15	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 19:15	1
3-Nitroaniline	ND		9.2	0.44	ug/L		11/09/16 14:23	11/11/16 19:15	1
4,6-Dinitro-2-methylphenol	ND		9.2	2.0	ug/L		11/09/16 14:23	11/11/16 19:15	1
4-Bromophenyl phenyl ether	ND		4.6	0.41	ug/L		11/09/16 14:23	11/11/16 19:15	1
4-Chloro-3-methylphenol	ND		4.6	0.41	ug/L		11/09/16 14:23	11/11/16 19:15	1
4-Chloroaniline	ND		4.6	0.54	ug/L		11/09/16 14:23	11/11/16 19:15	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 19:15	1
4-Methylphenol	ND		9.2	0.33	ug/L		11/09/16 14:23	11/11/16 19:15	1
4-Nitroaniline	ND		9.2	0.23	ug/L		11/09/16 14:23	11/11/16 19:15	1
4-Nitrophenol	ND		9.2	1.4	ug/L		11/09/16 14:23	11/11/16 19:15	1
Acenaphthene	ND		4.6	0.38	ug/L		11/09/16 14:23	11/11/16 19:15	1
Acenaphthylene	ND		4.6	0.35	ug/L		11/09/16 14:23	11/11/16 19:15	1
Acetophenone	ND		4.6	0.50	ug/L		11/09/16 14:23	11/11/16 19:15	1
Aniline	ND		9.2	0.56	ug/L		11/09/16 14:23	11/11/16 19:15	1
Anthracene	ND		4.6	0.26	ug/L		11/09/16 14:23	11/11/16 19:15	1
Atrazine	ND		4.6	0.42	ug/L		11/09/16 14:23	11/11/16 19:15	1
Benzaldehyde	ND		4.6	0.24	ug/L		11/09/16 14:23	11/11/16 19:15	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		11/09/16 14:23	11/11/16 19:15	1
Benzo(a)pyrene	ND		4.6	0.43	ug/L		11/09/16 14:23	11/11/16 19:15	1
Benzo(b)fluoranthene	ND		4.6	0.31	ug/L		11/09/16 14:23	11/11/16 19:15	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 19:15	1
Benzo(k)fluoranthene	ND		4.6	0.67	ug/L		11/09/16 14:23	11/11/16 19:15	1
Biphenyl	ND		4.6	0.60	ug/L		11/09/16 14:23	11/11/16 19:15	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		11/09/16 14:23	11/11/16 19:15	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 19:15	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 19:15	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		11/09/16 14:23	11/11/16 19:15	1
Butyl benzyl phthalate	ND		4.6	0.92	ug/L		11/09/16 14:23	11/11/16 19:15	1
Caprolactam	ND		4.6	2.0	ug/L		11/09/16 14:23	11/11/16 19:15	1
Carbazole	ND		4.6	0.28	ug/L		11/09/16 14:23	11/11/16 19:15	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-29 1116

Lab Sample ID: 480-109269-4

Date Collected: 11/07/16 09:15

Matrix: Ground Water

Date Received: 11/08/16 16:00

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 14:23	11/11/16 19:15	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		11/09/16 14:23	11/11/16 19:15	1
Dibenzofuran	ND		9.2	0.47	ug/L		11/09/16 14:23	11/11/16 19:15	1
Diethyl phthalate	ND		4.6	0.20	ug/L		11/09/16 14:23	11/11/16 19:15	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		11/09/16 14:23	11/11/16 19:15	1
Di-n-butyl phthalate	ND		4.6	0.28	ug/L		11/09/16 14:23	11/11/16 19:15	1
Di-n-octyl phthalate	ND		4.6	0.43	ug/L		11/09/16 14:23	11/11/16 19:15	1
Fluoranthene	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 19:15	1
Fluorene	ND		4.6	0.33	ug/L		11/09/16 14:23	11/11/16 19:15	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 19:15	1
Hexachlorobutadiene	ND		4.6	0.62	ug/L		11/09/16 14:23	11/11/16 19:15	1
Hexachlorocyclopentadiene	ND		4.6	0.54	ug/L		11/09/16 14:23	11/11/16 19:15	1
Hexachloroethane	ND		4.6	0.54	ug/L		11/09/16 14:23	11/11/16 19:15	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.43	ug/L		11/09/16 14:23	11/11/16 19:15	1
Isophorone	ND		4.6	0.39	ug/L		11/09/16 14:23	11/11/16 19:15	1
Naphthalene	ND		4.6	0.70	ug/L		11/09/16 14:23	11/11/16 19:15	1
Nitrobenzene	ND		4.6	0.27	ug/L		11/09/16 14:23	11/11/16 19:15	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		11/09/16 14:23	11/11/16 19:15	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 19:15	1
Pentachlorophenol	ND		9.2	2.0	ug/L		11/09/16 14:23	11/11/16 19:15	1
Phenanthrene	ND		4.6	0.40	ug/L		11/09/16 14:23	11/11/16 19:15	1
Phenol	ND		4.6	0.36	ug/L		11/09/16 14:23	11/11/16 19:15	1
Pyrene	ND		4.6	0.31	ug/L		11/09/16 14:23	11/11/16 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	99		52 - 132	11/09/16 14:23	11/11/16 19:15	1
2-Fluorobiphenyl	93		48 - 120	11/09/16 14:23	11/11/16 19:15	1
2-Fluorophenol	53		20 - 120	11/09/16 14:23	11/11/16 19:15	1
Nitrobenzene-d5	76		46 - 120	11/09/16 14:23	11/11/16 19:15	1
Phenol-d5	38		16 - 120	11/09/16 14:23	11/11/16 19:15	1
p-Terphenyl-d14	101		67 - 150	11/09/16 14:23	11/11/16 19:15	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/09/16 13:55	11/11/16 04:43	1
Antimony	ND		0.020	0.0068	mg/L		11/09/16 13:55	11/11/16 04:43	1
Arsenic	0.010	J	0.015	0.0056	mg/L		11/09/16 13:55	11/11/16 04:43	1
Barium	0.13		0.0020	0.00070	mg/L		11/09/16 13:55	11/11/16 04:43	1
Beryllium	ND		0.0020	0.00030	mg/L		11/09/16 13:55	11/11/16 04:43	1
Cadmium	ND		0.0020	0.00050	mg/L		11/09/16 13:55	11/11/16 04:43	1
Calcium	71.8		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 04:43	1
Chromium	ND		0.0040	0.0010	mg/L		11/09/16 13:55	11/11/16 04:43	1
Cobalt	ND		0.0040	0.00063	mg/L		11/09/16 13:55	11/11/16 04:43	1
Copper	ND		0.010	0.0016	mg/L		11/09/16 13:55	11/11/16 04:43	1
Iron	0.040	J	0.050	0.019	mg/L		11/09/16 13:55	11/11/16 04:43	1
Lead	0.0030	J	0.010	0.0030	mg/L		11/09/16 13:55	11/11/16 04:43	1
Magnesium	12.7		0.20	0.043	mg/L		11/09/16 13:55	11/11/16 04:43	1
Manganese	0.065	B	0.0030	0.00040	mg/L		11/09/16 13:55	11/11/16 04:43	1
Nickel	ND		0.010	0.0013	mg/L		11/09/16 13:55	11/11/16 04:43	1
Potassium	4.5		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 04:43	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-29 1116

Lab Sample ID: 480-109269-4

Date Collected: 11/07/16 09:15

Matrix: Ground Water

Date Received: 11/08/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/09/16 13:55	11/11/16 04:43	1
Silver	ND		0.0060	0.0017	mg/L		11/09/16 13:55	11/11/16 04:43	1
Sodium	119		1.0	0.32	mg/L		11/09/16 13:55	11/11/16 04:43	1
Thallium	ND		0.020	0.010	mg/L		11/09/16 13:55	11/11/16 04:43	1
Vanadium	ND		0.0050	0.0015	mg/L		11/09/16 13:55	11/11/16 04:43	1
Zinc	ND		0.010	0.0015	mg/L		11/09/16 13:55	11/11/16 04:43	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/10/16 09:05	11/10/16 16:38	1

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-32 1116

Lab Sample ID: 480-109269-5

Date Collected: 11/07/16 10:00

Matrix: Ground Water

Date Received: 11/08/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		40	33	ug/L			11/16/16 18:15	40
1,1,2,2-Tetrachloroethane	ND		40	8.4	ug/L			11/16/16 18:15	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		40	12	ug/L			11/16/16 18:15	40
1,1,2-Trichloroethane	ND		40	9.2	ug/L			11/16/16 18:15	40
1,1-Dichloroethane	ND		40	15	ug/L			11/16/16 18:15	40
1,1-Dichloroethene	ND		40	12	ug/L			11/16/16 18:15	40
1,2,4-Trichlorobenzene	ND		40	16	ug/L			11/16/16 18:15	40
1,2-Dibromo-3-Chloropropane	ND		40	16	ug/L			11/16/16 18:15	40
1,2-Dibromoethane	ND		40	29	ug/L			11/16/16 18:15	40
1,2-Dichlorobenzene	ND		40	32	ug/L			11/16/16 18:15	40
1,2-Dichloroethane	ND		40	8.4	ug/L			11/16/16 18:15	40
1,2-Dichloropropane	ND		40	29	ug/L			11/16/16 18:15	40
1,3-Dichlorobenzene	ND		40	31	ug/L			11/16/16 18:15	40
1,4-Dichlorobenzene	ND		40	34	ug/L			11/16/16 18:15	40
2-Butanone (MEK)	ND		400	53	ug/L			11/16/16 18:15	40
2-Hexanone	ND		200	50	ug/L			11/16/16 18:15	40
4-Methyl-2-pentanone (MIBK)	ND		200	84	ug/L			11/16/16 18:15	40
Acetone	ND		400	120	ug/L			11/16/16 18:15	40
Benzene	ND		40	16	ug/L			11/16/16 18:15	40
Bromodichloromethane	ND		40	16	ug/L			11/16/16 18:15	40
Bromoform	ND		40	10	ug/L			11/16/16 18:15	40
Bromomethane	ND		40	28	ug/L			11/16/16 18:15	40
Carbon disulfide	ND		40	7.6	ug/L			11/16/16 18:15	40
Carbon tetrachloride	ND		40	11	ug/L			11/16/16 18:15	40
Chlorobenzene	3700		40	30	ug/L			11/16/16 18:15	40
Chloroethane	ND		40	13	ug/L			11/16/16 18:15	40
Chloroform	ND		40	14	ug/L			11/16/16 18:15	40
Chloromethane	ND	*	40	14	ug/L			11/16/16 18:15	40
cis-1,2-Dichloroethene	ND		40	32	ug/L			11/16/16 18:15	40
cis-1,3-Dichloropropene	ND		40	14	ug/L			11/16/16 18:15	40
Cyclohexane	ND		40	7.2	ug/L			11/16/16 18:15	40
Dibromochloromethane	ND		40	13	ug/L			11/16/16 18:15	40
Dichlorodifluoromethane	ND		40	27	ug/L			11/16/16 18:15	40
Ethylbenzene	ND		40	30	ug/L			11/16/16 18:15	40
Isopropylbenzene	ND		40	32	ug/L			11/16/16 18:15	40
Methyl acetate	ND		100	52	ug/L			11/16/16 18:15	40
Methyl tert-butyl ether	ND		40	6.4	ug/L			11/16/16 18:15	40
Methylcyclohexane	ND		40	6.4	ug/L			11/16/16 18:15	40
Methylene Chloride	ND		40	18	ug/L			11/16/16 18:15	40
Styrene	ND		40	29	ug/L			11/16/16 18:15	40
Tetrachloroethene	ND		40	14	ug/L			11/16/16 18:15	40
Toluene	ND		40	20	ug/L			11/16/16 18:15	40
trans-1,2-Dichloroethene	ND		40	36	ug/L			11/16/16 18:15	40
trans-1,3-Dichloropropene	ND		40	15	ug/L			11/16/16 18:15	40
Trichloroethene	ND		40	18	ug/L			11/16/16 18:15	40
Trichlorofluoromethane	ND		40	35	ug/L			11/16/16 18:15	40
Vinyl chloride	ND		40	36	ug/L			11/16/16 18:15	40
Xylenes, Total	ND		80	26	ug/L			11/16/16 18:15	40

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-32 1116

Lab Sample ID: 480-109269-5

Date Collected: 11/07/16 10:00

Matrix: Ground Water

Date Received: 11/08/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		11/16/16 18:15	40
4-Bromofluorobenzene (Surr)	100		73 - 120		11/16/16 18:15	40
Toluene-d8 (Surr)	106		80 - 120		11/16/16 18:15	40
Dibromofluoromethane (Surr)	106		75 - 123		11/16/16 18:15	40

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		11/09/16 14:23	11/11/16 19:43	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		11/09/16 14:23	11/11/16 19:43	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 19:43	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/09/16 14:23	11/11/16 19:43	1
2,4-Dinitrophenol	ND		9.2	2.1	ug/L		11/09/16 14:23	11/11/16 19:43	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		11/09/16 14:23	11/11/16 19:43	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 19:43	1
2-Chloronaphthalene	ND		4.6	0.42	ug/L		11/09/16 14:23	11/11/16 19:43	1
2-Chlorophenol	6.7		4.6	0.49	ug/L		11/09/16 14:23	11/11/16 19:43	1
2-Methylnaphthalene	ND		4.6	0.55	ug/L		11/09/16 14:23	11/11/16 19:43	1
2-Methylphenol	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 19:43	1
2-Nitroaniline	ND		9.2	0.39	ug/L		11/09/16 14:23	11/11/16 19:43	1
2-Nitrophenol	ND		4.6	0.44	ug/L		11/09/16 14:23	11/11/16 19:43	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 19:43	1
3-Nitroaniline	ND		9.2	0.44	ug/L		11/09/16 14:23	11/11/16 19:43	1
4,6-Dinitro-2-methylphenol	ND		9.2	2.0	ug/L		11/09/16 14:23	11/11/16 19:43	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		11/09/16 14:23	11/11/16 19:43	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		11/09/16 14:23	11/11/16 19:43	1
4-Chloroaniline	ND		4.6	0.55	ug/L		11/09/16 14:23	11/11/16 19:43	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 19:43	1
4-Methylphenol	ND		9.2	0.33	ug/L		11/09/16 14:23	11/11/16 19:43	1
4-Nitroaniline	ND		9.2	0.23	ug/L		11/09/16 14:23	11/11/16 19:43	1
4-Nitrophenol	ND		9.2	1.4	ug/L		11/09/16 14:23	11/11/16 19:43	1
Acenaphthene	ND		4.6	0.38	ug/L		11/09/16 14:23	11/11/16 19:43	1
Acenaphthylene	ND		4.6	0.35	ug/L		11/09/16 14:23	11/11/16 19:43	1
Acetophenone	ND		4.6	0.50	ug/L		11/09/16 14:23	11/11/16 19:43	1
Aniline	ND		9.2	0.56	ug/L		11/09/16 14:23	11/11/16 19:43	1
Anthracene	ND		4.6	0.26	ug/L		11/09/16 14:23	11/11/16 19:43	1
Atrazine	ND		4.6	0.42	ug/L		11/09/16 14:23	11/11/16 19:43	1
Benzaldehyde	ND		4.6	0.25	ug/L		11/09/16 14:23	11/11/16 19:43	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		11/09/16 14:23	11/11/16 19:43	1
Benzo(a)pyrene	ND		4.6	0.43	ug/L		11/09/16 14:23	11/11/16 19:43	1
Benzo(b)fluoranthene	ND		4.6	0.31	ug/L		11/09/16 14:23	11/11/16 19:43	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 19:43	1
Benzo(k)fluoranthene	ND		4.6	0.67	ug/L		11/09/16 14:23	11/11/16 19:43	1
Biphenyl	ND		4.6	0.60	ug/L		11/09/16 14:23	11/11/16 19:43	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		11/09/16 14:23	11/11/16 19:43	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 19:43	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 19:43	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		11/09/16 14:23	11/11/16 19:43	1
Butyl benzyl phthalate	ND		4.6	0.92	ug/L		11/09/16 14:23	11/11/16 19:43	1
Caprolactam	ND		4.6	2.0	ug/L		11/09/16 14:23	11/11/16 19:43	1
Carbazole	ND		4.6	0.28	ug/L		11/09/16 14:23	11/11/16 19:43	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-32 1116

Lab Sample ID: 480-109269-5

Date Collected: 11/07/16 10:00

Matrix: Ground Water

Date Received: 11/08/16 16:00

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 14:23	11/11/16 19:43	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		11/09/16 14:23	11/11/16 19:43	1
Dibenzofuran	ND		9.2	0.47	ug/L		11/09/16 14:23	11/11/16 19:43	1
Diethyl phthalate	ND		4.6	0.20	ug/L		11/09/16 14:23	11/11/16 19:43	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		11/09/16 14:23	11/11/16 19:43	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		11/09/16 14:23	11/11/16 19:43	1
Di-n-octyl phthalate	ND		4.6	0.43	ug/L		11/09/16 14:23	11/11/16 19:43	1
Fluoranthene	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 19:43	1
Fluorene	ND		4.6	0.33	ug/L		11/09/16 14:23	11/11/16 19:43	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 19:43	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		11/09/16 14:23	11/11/16 19:43	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		11/09/16 14:23	11/11/16 19:43	1
Hexachloroethane	ND		4.6	0.55	ug/L		11/09/16 14:23	11/11/16 19:43	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.43	ug/L		11/09/16 14:23	11/11/16 19:43	1
Isophorone	ND		4.6	0.40	ug/L		11/09/16 14:23	11/11/16 19:43	1
Naphthalene	ND		4.6	0.70	ug/L		11/09/16 14:23	11/11/16 19:43	1
Nitrobenzene	ND		4.6	0.27	ug/L		11/09/16 14:23	11/11/16 19:43	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		11/09/16 14:23	11/11/16 19:43	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 19:43	1
Pentachlorophenol	ND		9.2	2.0	ug/L		11/09/16 14:23	11/11/16 19:43	1
Phenanthrene	ND		4.6	0.41	ug/L		11/09/16 14:23	11/11/16 19:43	1
Phenol	ND		4.6	0.36	ug/L		11/09/16 14:23	11/11/16 19:43	1
Pyrene	ND		4.6	0.31	ug/L		11/09/16 14:23	11/11/16 19:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	98		52 - 132	11/09/16 14:23	11/11/16 19:43	1
2-Fluorobiphenyl	92		48 - 120	11/09/16 14:23	11/11/16 19:43	1
2-Fluorophenol	57		20 - 120	11/09/16 14:23	11/11/16 19:43	1
Nitrobenzene-d5	75		46 - 120	11/09/16 14:23	11/11/16 19:43	1
Phenol-d5	41		16 - 120	11/09/16 14:23	11/11/16 19:43	1
p-Terphenyl-d14	91		67 - 150	11/09/16 14:23	11/11/16 19:43	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/09/16 13:55	11/11/16 04:47	1
Antimony	ND		0.020	0.0068	mg/L		11/09/16 13:55	11/11/16 04:47	1
Arsenic	0.013	J	0.015	0.0056	mg/L		11/09/16 13:55	11/11/16 04:47	1
Barium	0.031		0.0020	0.00070	mg/L		11/09/16 13:55	11/11/16 04:47	1
Beryllium	ND		0.0020	0.00030	mg/L		11/09/16 13:55	11/11/16 04:47	1
Cadmium	ND		0.0020	0.00050	mg/L		11/09/16 13:55	11/11/16 04:47	1
Calcium	309		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 04:47	1
Chromium	0.0012	J	0.0040	0.0010	mg/L		11/09/16 13:55	11/11/16 04:47	1
Cobalt	0.0036	J	0.0040	0.00063	mg/L		11/09/16 13:55	11/11/16 04:47	1
Copper	0.0018	J	0.010	0.0016	mg/L		11/09/16 13:55	11/11/16 04:47	1
Iron	8.9		0.050	0.019	mg/L		11/09/16 13:55	11/11/16 04:47	1
Lead	0.0034	J	0.010	0.0030	mg/L		11/09/16 13:55	11/11/16 04:47	1
Magnesium	110		0.20	0.043	mg/L		11/09/16 13:55	11/11/16 04:47	1
Manganese	2.1	B	0.0030	0.00040	mg/L		11/09/16 13:55	11/11/16 04:47	1
Nickel	0.0080	J	0.010	0.0013	mg/L		11/09/16 13:55	11/11/16 04:47	1
Potassium	2.0		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 04:47	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-32 1116

Lab Sample ID: 480-109269-5

Date Collected: 11/07/16 10:00

Matrix: Ground Water

Date Received: 11/08/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/09/16 13:55	11/11/16 04:47	1
Silver	ND		0.0060	0.0017	mg/L		11/09/16 13:55	11/11/16 04:47	1
Sodium	83.8		1.0	0.32	mg/L		11/09/16 13:55	11/11/16 04:47	1
Thallium	ND		0.020	0.010	mg/L		11/09/16 13:55	11/11/16 04:47	1
Vanadium	ND		0.0050	0.0015	mg/L		11/09/16 13:55	11/11/16 04:47	1
Zinc	0.0046	J	0.010	0.0015	mg/L		11/09/16 13:55	11/11/16 04:47	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/10/16 09:05	11/10/16 16:40	1

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-33 1116

Lab Sample ID: 480-109269-6

Date Collected: 11/08/16 00:00

Matrix: Ground Water

Date Received: 11/08/16 16:00

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			11/17/16 00:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/17/16 00:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/17/16 00:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/17/16 00:36	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/17/16 00:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/17/16 00:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/17/16 00:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/17/16 00:36	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/17/16 00:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/17/16 00:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/17/16 00:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/17/16 00:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/17/16 00:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/17/16 00:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/17/16 00:36	1
2-Hexanone	ND		5.0	1.2	ug/L			11/17/16 00:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/17/16 00:36	1
Acetone	ND		10	3.0	ug/L			11/17/16 00:36	1
Benzene	ND		1.0	0.41	ug/L			11/17/16 00:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/17/16 00:36	1
Bromoform	ND		1.0	0.26	ug/L			11/17/16 00:36	1
Bromomethane	ND		1.0	0.69	ug/L			11/17/16 00:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/17/16 00:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/17/16 00:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/17/16 00:36	1
Chloroethane	ND		1.0	0.32	ug/L			11/17/16 00:36	1
Chloroform	ND		1.0	0.34	ug/L			11/17/16 00:36	1
Chloromethane	ND	*	1.0	0.35	ug/L			11/17/16 00:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/17/16 00:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/17/16 00:36	1
Cyclohexane	ND		1.0	0.18	ug/L			11/17/16 00:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/17/16 00:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/17/16 00:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/17/16 00:36	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/17/16 00:36	1
Methyl acetate	ND		2.5	1.3	ug/L			11/17/16 00:36	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/17/16 00:36	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/17/16 00:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/17/16 00:36	1
Styrene	ND		1.0	0.73	ug/L			11/17/16 00:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/17/16 00:36	1
Toluene	ND		1.0	0.51	ug/L			11/17/16 00:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/17/16 00:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/17/16 00:36	1
Trichloroethene	ND		1.0	0.46	ug/L			11/17/16 00:36	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/17/16 00:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/17/16 00:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/17/16 00:36	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-33 1116

Lab Sample ID: 480-109269-6

Date Collected: 11/08/16 00:00

Matrix: Ground Water

Date Received: 11/08/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		11/17/16 00:36	1
4-Bromofluorobenzene (Surr)	102		73 - 120		11/17/16 00:36	1
Toluene-d8 (Surr)	105		80 - 120		11/17/16 00:36	1
Dibromofluoromethane (Surr)	109		75 - 123		11/17/16 00:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.6	0.44	ug/L		11/09/16 14:23	11/11/16 20:11	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		11/09/16 14:23	11/11/16 20:11	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 20:11	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/09/16 14:23	11/11/16 20:11	1
2,4-Dinitrophenol	ND		9.1	2.0	ug/L		11/09/16 14:23	11/11/16 20:11	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		11/09/16 14:23	11/11/16 20:11	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 20:11	1
2-Chloronaphthalene	ND		4.6	0.42	ug/L		11/09/16 14:23	11/11/16 20:11	1
2-Chlorophenol	ND		4.6	0.48	ug/L		11/09/16 14:23	11/11/16 20:11	1
2-Methylnaphthalene	ND		4.6	0.55	ug/L		11/09/16 14:23	11/11/16 20:11	1
2-Methylphenol	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 20:11	1
2-Nitroaniline	ND		9.1	0.38	ug/L		11/09/16 14:23	11/11/16 20:11	1
2-Nitrophenol	ND		4.6	0.44	ug/L		11/09/16 14:23	11/11/16 20:11	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 20:11	1
3-Nitroaniline	ND		9.1	0.44	ug/L		11/09/16 14:23	11/11/16 20:11	1
4,6-Dinitro-2-methylphenol	ND		9.1	2.0	ug/L		11/09/16 14:23	11/11/16 20:11	1
4-Bromophenyl phenyl ether	ND		4.6	0.41	ug/L		11/09/16 14:23	11/11/16 20:11	1
4-Chloro-3-methylphenol	ND		4.6	0.41	ug/L		11/09/16 14:23	11/11/16 20:11	1
4-Chloroaniline	ND		4.6	0.54	ug/L		11/09/16 14:23	11/11/16 20:11	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 20:11	1
4-Methylphenol	ND		9.1	0.33	ug/L		11/09/16 14:23	11/11/16 20:11	1
4-Nitroaniline	ND		9.1	0.23	ug/L		11/09/16 14:23	11/11/16 20:11	1
4-Nitrophenol	ND		9.1	1.4	ug/L		11/09/16 14:23	11/11/16 20:11	1
Acenaphthene	ND		4.6	0.38	ug/L		11/09/16 14:23	11/11/16 20:11	1
Acenaphthylene	ND		4.6	0.35	ug/L		11/09/16 14:23	11/11/16 20:11	1
Acetophenone	ND		4.6	0.49	ug/L		11/09/16 14:23	11/11/16 20:11	1
Aniline	ND		9.1	0.56	ug/L		11/09/16 14:23	11/11/16 20:11	1
Anthracene	ND		4.6	0.26	ug/L		11/09/16 14:23	11/11/16 20:11	1
Atrazine	ND		4.6	0.42	ug/L		11/09/16 14:23	11/11/16 20:11	1
Benzaldehyde	ND		4.6	0.24	ug/L		11/09/16 14:23	11/11/16 20:11	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		11/09/16 14:23	11/11/16 20:11	1
Benzo(a)pyrene	ND		4.6	0.43	ug/L		11/09/16 14:23	11/11/16 20:11	1
Benzo(b)fluoranthene	ND		4.6	0.31	ug/L		11/09/16 14:23	11/11/16 20:11	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 20:11	1
Benzo(k)fluoranthene	ND		4.6	0.67	ug/L		11/09/16 14:23	11/11/16 20:11	1
Biphenyl	ND		4.6	0.60	ug/L		11/09/16 14:23	11/11/16 20:11	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		11/09/16 14:23	11/11/16 20:11	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 20:11	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 20:11	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		11/09/16 14:23	11/11/16 20:11	1
Butyl benzyl phthalate	ND		4.6	0.91	ug/L		11/09/16 14:23	11/11/16 20:11	1
Caprolactam	ND		4.6	2.0	ug/L		11/09/16 14:23	11/11/16 20:11	1
Carbazole	ND		4.6	0.27	ug/L		11/09/16 14:23	11/11/16 20:11	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-33 1116

Lab Sample ID: 480-109269-6

Date Collected: 11/08/16 00:00

Matrix: Ground Water

Date Received: 11/08/16 16:00

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 14:23	11/11/16 20:11	1
Dibenz(a,h)anthracene	ND		4.6	0.38	ug/L		11/09/16 14:23	11/11/16 20:11	1
Dibenzofuran	ND		9.1	0.47	ug/L		11/09/16 14:23	11/11/16 20:11	1
Diethyl phthalate	ND		4.6	0.20	ug/L		11/09/16 14:23	11/11/16 20:11	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		11/09/16 14:23	11/11/16 20:11	1
Di-n-butyl phthalate	ND		4.6	0.28	ug/L		11/09/16 14:23	11/11/16 20:11	1
Di-n-octyl phthalate	ND		4.6	0.43	ug/L		11/09/16 14:23	11/11/16 20:11	1
Fluoranthene	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 20:11	1
Fluorene	ND		4.6	0.33	ug/L		11/09/16 14:23	11/11/16 20:11	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 20:11	1
Hexachlorobutadiene	ND		4.6	0.62	ug/L		11/09/16 14:23	11/11/16 20:11	1
Hexachlorocyclopentadiene	ND		4.6	0.54	ug/L		11/09/16 14:23	11/11/16 20:11	1
Hexachloroethane	ND		4.6	0.54	ug/L		11/09/16 14:23	11/11/16 20:11	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.43	ug/L		11/09/16 14:23	11/11/16 20:11	1
Isophorone	ND		4.6	0.39	ug/L		11/09/16 14:23	11/11/16 20:11	1
Naphthalene	ND		4.6	0.70	ug/L		11/09/16 14:23	11/11/16 20:11	1
Nitrobenzene	ND		4.6	0.27	ug/L		11/09/16 14:23	11/11/16 20:11	1
N-Nitrosodi-n-propylamine	ND		4.6	0.49	ug/L		11/09/16 14:23	11/11/16 20:11	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 20:11	1
Pentachlorophenol	ND		9.1	2.0	ug/L		11/09/16 14:23	11/11/16 20:11	1
Phenanthrene	ND		4.6	0.40	ug/L		11/09/16 14:23	11/11/16 20:11	1
Phenol	ND		4.6	0.36	ug/L		11/09/16 14:23	11/11/16 20:11	1
Pyrene	ND		4.6	0.31	ug/L		11/09/16 14:23	11/11/16 20:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	92		52 - 132	11/09/16 14:23	11/11/16 20:11	1
2-Fluorobiphenyl	91		48 - 120	11/09/16 14:23	11/11/16 20:11	1
2-Fluorophenol	52		20 - 120	11/09/16 14:23	11/11/16 20:11	1
Nitrobenzene-d5	75		46 - 120	11/09/16 14:23	11/11/16 20:11	1
Phenol-d5	37		16 - 120	11/09/16 14:23	11/11/16 20:11	1
p-Terphenyl-d14	89		67 - 150	11/09/16 14:23	11/11/16 20:11	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/09/16 13:55	11/11/16 04:50	1
Antimony	ND		0.020	0.0068	mg/L		11/09/16 13:55	11/11/16 04:50	1
Arsenic	ND		0.015	0.0056	mg/L		11/09/16 13:55	11/11/16 04:50	1
Barium	0.062		0.0020	0.00070	mg/L		11/09/16 13:55	11/11/16 04:50	1
Beryllium	ND		0.0020	0.00030	mg/L		11/09/16 13:55	11/11/16 04:50	1
Cadmium	ND		0.0020	0.00050	mg/L		11/09/16 13:55	11/11/16 04:50	1
Calcium	108		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 04:50	1
Chromium	0.099		0.0040	0.0010	mg/L		11/09/16 13:55	11/11/16 04:50	1
Cobalt	0.0054		0.0040	0.00063	mg/L		11/09/16 13:55	11/11/16 04:50	1
Copper	0.0057	J	0.010	0.0016	mg/L		11/09/16 13:55	11/11/16 04:50	1
Iron	1.0		0.050	0.019	mg/L		11/09/16 13:55	11/11/16 04:50	1
Lead	0.0034	J	0.010	0.0030	mg/L		11/09/16 13:55	11/11/16 04:50	1
Magnesium	41.9		0.20	0.043	mg/L		11/09/16 13:55	11/11/16 04:50	1
Manganese	0.29	B	0.0030	0.00040	mg/L		11/09/16 13:55	11/11/16 04:50	1
Nickel	0.26		0.010	0.0013	mg/L		11/09/16 13:55	11/11/16 04:50	1
Potassium	0.94		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 04:50	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-33 1116

Lab Sample ID: 480-109269-6

Date Collected: 11/08/16 00:00

Matrix: Ground Water

Date Received: 11/08/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/09/16 13:55	11/11/16 04:50	1
Silver	ND		0.0060	0.0017	mg/L		11/09/16 13:55	11/11/16 04:50	1
Sodium	338		1.0	0.32	mg/L		11/09/16 13:55	11/11/16 04:50	1
Thallium	ND		0.020	0.010	mg/L		11/09/16 13:55	11/11/16 04:50	1
Vanadium	ND		0.0050	0.0015	mg/L		11/09/16 13:55	11/11/16 04:50	1
Zinc	0.0065	J	0.010	0.0015	mg/L		11/09/16 13:55	11/11/16 04:50	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/10/16 09:05	11/10/16 16:45	1

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-51 1116

Lab Sample ID: 480-109269-7

Date Collected: 11/08/16 09:20

Matrix: Ground Water

Date Received: 11/08/16 16:00

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			11/17/16 01:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/17/16 01:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/17/16 01:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/17/16 01:03	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/17/16 01:03	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/17/16 01:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/17/16 01:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/17/16 01:03	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/17/16 01:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/17/16 01:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/17/16 01:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/17/16 01:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/17/16 01:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/17/16 01:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/17/16 01:03	1
2-Hexanone	ND		5.0	1.2	ug/L			11/17/16 01:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/17/16 01:03	1
Acetone	ND		10	3.0	ug/L			11/17/16 01:03	1
Benzene	ND		1.0	0.41	ug/L			11/17/16 01:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/17/16 01:03	1
Bromoform	ND		1.0	0.26	ug/L			11/17/16 01:03	1
Bromomethane	ND		1.0	0.69	ug/L			11/17/16 01:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/17/16 01:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/17/16 01:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/17/16 01:03	1
Chloroethane	ND		1.0	0.32	ug/L			11/17/16 01:03	1
Chloroform	ND		1.0	0.34	ug/L			11/17/16 01:03	1
Chloromethane	ND	*	1.0	0.35	ug/L			11/17/16 01:03	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/17/16 01:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/17/16 01:03	1
Cyclohexane	ND		1.0	0.18	ug/L			11/17/16 01:03	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/17/16 01:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/17/16 01:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/17/16 01:03	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/17/16 01:03	1
Methyl acetate	ND		2.5	1.3	ug/L			11/17/16 01:03	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/17/16 01:03	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/17/16 01:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/17/16 01:03	1
Styrene	ND		1.0	0.73	ug/L			11/17/16 01:03	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/17/16 01:03	1
Toluene	ND		1.0	0.51	ug/L			11/17/16 01:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/17/16 01:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/17/16 01:03	1
Trichloroethene	ND		1.0	0.46	ug/L			11/17/16 01:03	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/17/16 01:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/17/16 01:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/17/16 01:03	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-51 1116

Lab Sample ID: 480-109269-7

Date Collected: 11/08/16 09:20

Matrix: Ground Water

Date Received: 11/08/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		11/17/16 01:03	1
4-Bromofluorobenzene (Surr)	103		73 - 120		11/17/16 01:03	1
Toluene-d8 (Surr)	105		80 - 120		11/17/16 01:03	1
Dibromofluoromethane (Surr)	110		75 - 123		11/17/16 01:03	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		11/09/16 14:23	11/11/16 20:40	1
2,4,6-Trichlorophenol	ND		4.6	0.57	ug/L		11/09/16 14:23	11/11/16 20:40	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 20:40	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/09/16 14:23	11/11/16 20:40	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		11/09/16 14:23	11/11/16 20:40	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		11/09/16 14:23	11/11/16 20:40	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 20:40	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		11/09/16 14:23	11/11/16 20:40	1
2-Chlorophenol	ND		4.6	0.49	ug/L		11/09/16 14:23	11/11/16 20:40	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		11/09/16 14:23	11/11/16 20:40	1
2-Methylphenol	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 20:40	1
2-Nitroaniline	ND		9.3	0.39	ug/L		11/09/16 14:23	11/11/16 20:40	1
2-Nitrophenol	ND		4.6	0.45	ug/L		11/09/16 14:23	11/11/16 20:40	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 20:40	1
3-Nitroaniline	ND		9.3	0.45	ug/L		11/09/16 14:23	11/11/16 20:40	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		11/09/16 14:23	11/11/16 20:40	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		11/09/16 14:23	11/11/16 20:40	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		11/09/16 14:23	11/11/16 20:40	1
4-Chloroaniline	ND		4.6	0.55	ug/L		11/09/16 14:23	11/11/16 20:40	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 20:40	1
4-Methylphenol	ND		9.3	0.33	ug/L		11/09/16 14:23	11/11/16 20:40	1
4-Nitroaniline	ND		9.3	0.23	ug/L		11/09/16 14:23	11/11/16 20:40	1
4-Nitrophenol	ND		9.3	1.4	ug/L		11/09/16 14:23	11/11/16 20:40	1
Acenaphthene	ND		4.6	0.38	ug/L		11/09/16 14:23	11/11/16 20:40	1
Acenaphthylene	ND		4.6	0.35	ug/L		11/09/16 14:23	11/11/16 20:40	1
Acetophenone	ND		4.6	0.50	ug/L		11/09/16 14:23	11/11/16 20:40	1
Aniline	ND		9.3	0.57	ug/L		11/09/16 14:23	11/11/16 20:40	1
Anthracene	ND		4.6	0.26	ug/L		11/09/16 14:23	11/11/16 20:40	1
Atrazine	ND		4.6	0.43	ug/L		11/09/16 14:23	11/11/16 20:40	1
Benzaldehyde	ND		4.6	0.25	ug/L		11/09/16 14:23	11/11/16 20:40	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		11/09/16 14:23	11/11/16 20:40	1
Benzo(a)pyrene	ND		4.6	0.44	ug/L		11/09/16 14:23	11/11/16 20:40	1
Benzo(b)fluoranthene	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 20:40	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 20:40	1
Benzo(k)fluoranthene	ND		4.6	0.68	ug/L		11/09/16 14:23	11/11/16 20:40	1
Biphenyl	ND		4.6	0.61	ug/L		11/09/16 14:23	11/11/16 20:40	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		11/09/16 14:23	11/11/16 20:40	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 20:40	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 20:40	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		11/09/16 14:23	11/11/16 20:40	1
Butyl benzyl phthalate	ND		4.6	0.93	ug/L		11/09/16 14:23	11/11/16 20:40	1
Caprolactam	ND		4.6	2.0	ug/L		11/09/16 14:23	11/11/16 20:40	1
Carbazole	ND		4.6	0.28	ug/L		11/09/16 14:23	11/11/16 20:40	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-51 1116

Lab Sample ID: 480-109269-7

Date Collected: 11/08/16 09:20

Matrix: Ground Water

Date Received: 11/08/16 16:00

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		11/09/16 14:23	11/11/16 20:40	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		11/09/16 14:23	11/11/16 20:40	1
Dibenzofuran	ND		9.3	0.47	ug/L		11/09/16 14:23	11/11/16 20:40	1
Diethyl phthalate	ND		4.6	0.20	ug/L		11/09/16 14:23	11/11/16 20:40	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		11/09/16 14:23	11/11/16 20:40	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		11/09/16 14:23	11/11/16 20:40	1
Di-n-octyl phthalate	ND		4.6	0.44	ug/L		11/09/16 14:23	11/11/16 20:40	1
Fluoranthene	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 20:40	1
Fluorene	ND		4.6	0.33	ug/L		11/09/16 14:23	11/11/16 20:40	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 20:40	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		11/09/16 14:23	11/11/16 20:40	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		11/09/16 14:23	11/11/16 20:40	1
Hexachloroethane	ND		4.6	0.55	ug/L		11/09/16 14:23	11/11/16 20:40	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.44	ug/L		11/09/16 14:23	11/11/16 20:40	1
Isophorone	ND		4.6	0.40	ug/L		11/09/16 14:23	11/11/16 20:40	1
Naphthalene	ND		4.6	0.71	ug/L		11/09/16 14:23	11/11/16 20:40	1
Nitrobenzene	ND		4.6	0.27	ug/L		11/09/16 14:23	11/11/16 20:40	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		11/09/16 14:23	11/11/16 20:40	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 20:40	1
Pentachlorophenol	ND		9.3	2.0	ug/L		11/09/16 14:23	11/11/16 20:40	1
Phenanthrene	ND		4.6	0.41	ug/L		11/09/16 14:23	11/11/16 20:40	1
Phenol	ND		4.6	0.36	ug/L		11/09/16 14:23	11/11/16 20:40	1
Pyrene	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 20:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	86		52 - 132	11/09/16 14:23	11/11/16 20:40	1
2-Fluorobiphenyl	86		48 - 120	11/09/16 14:23	11/11/16 20:40	1
2-Fluorophenol	50		20 - 120	11/09/16 14:23	11/11/16 20:40	1
Nitrobenzene-d5	71		46 - 120	11/09/16 14:23	11/11/16 20:40	1
Phenol-d5	36		16 - 120	11/09/16 14:23	11/11/16 20:40	1
p-Terphenyl-d14	79		67 - 150	11/09/16 14:23	11/11/16 20:40	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/09/16 13:55	11/11/16 04:54	1
Antimony	ND		0.020	0.0068	mg/L		11/09/16 13:55	11/11/16 04:54	1
Arsenic	0.43		0.015	0.0056	mg/L		11/09/16 13:55	11/11/16 04:54	1
Barium	0.018		0.0020	0.00070	mg/L		11/09/16 13:55	11/11/16 04:54	1
Beryllium	ND		0.0020	0.00030	mg/L		11/09/16 13:55	11/11/16 04:54	1
Cadmium	ND		0.0020	0.00050	mg/L		11/09/16 13:55	11/11/16 04:54	1
Calcium	506		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 04:54	1
Chromium	ND		0.0040	0.0010	mg/L		11/09/16 13:55	11/11/16 04:54	1
Cobalt	0.0022	J	0.0040	0.00063	mg/L		11/09/16 13:55	11/11/16 04:54	1
Copper	ND		0.010	0.0016	mg/L		11/09/16 13:55	11/11/16 04:54	1
Iron	14.4		0.050	0.019	mg/L		11/09/16 13:55	11/11/16 04:54	1
Lead	0.0082	J	0.010	0.0030	mg/L		11/09/16 13:55	11/11/16 04:54	1
Magnesium	260		0.20	0.043	mg/L		11/09/16 13:55	11/11/16 04:54	1
Manganese	1.9	B	0.0030	0.00040	mg/L		11/09/16 13:55	11/11/16 04:54	1
Nickel	0.0058	J	0.010	0.0013	mg/L		11/09/16 13:55	11/11/16 04:54	1
Potassium	32.4		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 04:54	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-51 1116

Lab Sample ID: 480-109269-7

Date Collected: 11/08/16 09:20

Matrix: Ground Water

Date Received: 11/08/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/09/16 13:55	11/11/16 04:54	1
Silver	ND		0.0060	0.0017	mg/L		11/09/16 13:55	11/11/16 04:54	1
Sodium	250		1.0	0.32	mg/L		11/09/16 13:55	11/11/16 04:54	1
Thallium	ND		0.020	0.010	mg/L		11/09/16 13:55	11/11/16 04:54	1
Vanadium	ND		0.0050	0.0015	mg/L		11/09/16 13:55	11/11/16 04:54	1
Zinc	0.0036	J	0.010	0.0015	mg/L		11/09/16 13:55	11/11/16 04:54	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/11/16 10:40	11/11/16 15:18	1

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-PZ-16 1116

Lab Sample ID: 480-109269-8

Date Collected: 11/08/16 10:10

Matrix: Ground Water

Date Received: 11/08/16 16:00

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			11/17/16 01:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/17/16 01:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/17/16 01:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/17/16 01:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/17/16 01:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/17/16 01:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/17/16 01:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/17/16 01:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/17/16 01:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/17/16 01:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/17/16 01:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/17/16 01:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/17/16 01:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/17/16 01:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/17/16 01:31	1
2-Hexanone	ND		5.0	1.2	ug/L			11/17/16 01:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/17/16 01:31	1
Acetone	ND		10	3.0	ug/L			11/17/16 01:31	1
Benzene	ND		1.0	0.41	ug/L			11/17/16 01:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/17/16 01:31	1
Bromoform	ND		1.0	0.26	ug/L			11/17/16 01:31	1
Bromomethane	ND		1.0	0.69	ug/L			11/17/16 01:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/17/16 01:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/17/16 01:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/17/16 01:31	1
Chloroethane	ND		1.0	0.32	ug/L			11/17/16 01:31	1
Chloroform	ND		1.0	0.34	ug/L			11/17/16 01:31	1
Chloromethane	ND	*	1.0	0.35	ug/L			11/17/16 01:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/17/16 01:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/17/16 01:31	1
Cyclohexane	ND		1.0	0.18	ug/L			11/17/16 01:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/17/16 01:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/17/16 01:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/17/16 01:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/17/16 01:31	1
Methyl acetate	ND		2.5	1.3	ug/L			11/17/16 01:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/17/16 01:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/17/16 01:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/17/16 01:31	1
Styrene	ND		1.0	0.73	ug/L			11/17/16 01:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/17/16 01:31	1
Toluene	ND		1.0	0.51	ug/L			11/17/16 01:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/17/16 01:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/17/16 01:31	1
Trichloroethene	ND		1.0	0.46	ug/L			11/17/16 01:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/17/16 01:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/17/16 01:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/17/16 01:31	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-PZ-16 1116

Lab Sample ID: 480-109269-8

Date Collected: 11/08/16 10:10

Matrix: Ground Water

Date Received: 11/08/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		11/17/16 01:31	1
4-Bromofluorobenzene (Surr)	102		73 - 120		11/17/16 01:31	1
Toluene-d8 (Surr)	106		80 - 120		11/17/16 01:31	1
Dibromofluoromethane (Surr)	108		75 - 123		11/17/16 01:31	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		11/09/16 14:23	11/11/16 21:08	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		11/09/16 14:23	11/11/16 21:08	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		11/09/16 14:23	11/11/16 21:08	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		11/09/16 14:23	11/11/16 21:08	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		11/09/16 14:23	11/11/16 21:08	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		11/09/16 14:23	11/11/16 21:08	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		11/09/16 14:23	11/11/16 21:08	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		11/09/16 14:23	11/11/16 21:08	1
2-Chlorophenol	ND		4.7	0.49	ug/L		11/09/16 14:23	11/11/16 21:08	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		11/09/16 14:23	11/11/16 21:08	1
2-Methylphenol	ND		4.7	0.37	ug/L		11/09/16 14:23	11/11/16 21:08	1
2-Nitroaniline	ND		9.3	0.39	ug/L		11/09/16 14:23	11/11/16 21:08	1
2-Nitrophenol	ND		4.7	0.45	ug/L		11/09/16 14:23	11/11/16 21:08	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		11/09/16 14:23	11/11/16 21:08	1
3-Nitroaniline	ND		9.3	0.45	ug/L		11/09/16 14:23	11/11/16 21:08	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.1	ug/L		11/09/16 14:23	11/11/16 21:08	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		11/09/16 14:23	11/11/16 21:08	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		11/09/16 14:23	11/11/16 21:08	1
4-Chloroaniline	ND		4.7	0.55	ug/L		11/09/16 14:23	11/11/16 21:08	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		11/09/16 14:23	11/11/16 21:08	1
4-Methylphenol	ND		9.3	0.34	ug/L		11/09/16 14:23	11/11/16 21:08	1
4-Nitroaniline	ND		9.3	0.23	ug/L		11/09/16 14:23	11/11/16 21:08	1
4-Nitrophenol	ND		9.3	1.4	ug/L		11/09/16 14:23	11/11/16 21:08	1
Acenaphthene	ND		4.7	0.38	ug/L		11/09/16 14:23	11/11/16 21:08	1
Acenaphthylene	ND		4.7	0.35	ug/L		11/09/16 14:23	11/11/16 21:08	1
Acetophenone	ND		4.7	0.50	ug/L		11/09/16 14:23	11/11/16 21:08	1
Aniline	ND		9.3	0.57	ug/L		11/09/16 14:23	11/11/16 21:08	1
Anthracene	ND		4.7	0.26	ug/L		11/09/16 14:23	11/11/16 21:08	1
Atrazine	ND		4.7	0.43	ug/L		11/09/16 14:23	11/11/16 21:08	1
Benzaldehyde	ND		4.7	0.25	ug/L		11/09/16 14:23	11/11/16 21:08	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		11/09/16 14:23	11/11/16 21:08	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		11/09/16 14:23	11/11/16 21:08	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		11/09/16 14:23	11/11/16 21:08	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		11/09/16 14:23	11/11/16 21:08	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		11/09/16 14:23	11/11/16 21:08	1
Biphenyl	ND		4.7	0.61	ug/L		11/09/16 14:23	11/11/16 21:08	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		11/09/16 14:23	11/11/16 21:08	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		11/09/16 14:23	11/11/16 21:08	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		11/09/16 14:23	11/11/16 21:08	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		11/09/16 14:23	11/11/16 21:08	1
Butyl benzyl phthalate	ND		4.7	0.93	ug/L		11/09/16 14:23	11/11/16 21:08	1
Caprolactam	ND		4.7	2.1	ug/L		11/09/16 14:23	11/11/16 21:08	1
Carbazole	ND		4.7	0.28	ug/L		11/09/16 14:23	11/11/16 21:08	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-PZ-16 1116

Lab Sample ID: 480-109269-8

Date Collected: 11/08/16 10:10

Matrix: Ground Water

Date Received: 11/08/16 16:00

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		11/09/16 14:23	11/11/16 21:08	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		11/09/16 14:23	11/11/16 21:08	1
Dibenzofuran	ND		9.3	0.48	ug/L		11/09/16 14:23	11/11/16 21:08	1
Diethyl phthalate	ND		4.7	0.21	ug/L		11/09/16 14:23	11/11/16 21:08	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		11/09/16 14:23	11/11/16 21:08	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		11/09/16 14:23	11/11/16 21:08	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		11/09/16 14:23	11/11/16 21:08	1
Fluoranthene	ND		4.7	0.37	ug/L		11/09/16 14:23	11/11/16 21:08	1
Fluorene	ND		4.7	0.34	ug/L		11/09/16 14:23	11/11/16 21:08	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		11/09/16 14:23	11/11/16 21:08	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		11/09/16 14:23	11/11/16 21:08	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		11/09/16 14:23	11/11/16 21:08	1
Hexachloroethane	ND		4.7	0.55	ug/L		11/09/16 14:23	11/11/16 21:08	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		11/09/16 14:23	11/11/16 21:08	1
Isophorone	ND		4.7	0.40	ug/L		11/09/16 14:23	11/11/16 21:08	1
Naphthalene	ND		4.7	0.71	ug/L		11/09/16 14:23	11/11/16 21:08	1
Nitrobenzene	ND		4.7	0.27	ug/L		11/09/16 14:23	11/11/16 21:08	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		11/09/16 14:23	11/11/16 21:08	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		11/09/16 14:23	11/11/16 21:08	1
Pentachlorophenol	ND		9.3	2.1	ug/L		11/09/16 14:23	11/11/16 21:08	1
Phenanthrene	ND		4.7	0.41	ug/L		11/09/16 14:23	11/11/16 21:08	1
Phenol	ND		4.7	0.36	ug/L		11/09/16 14:23	11/11/16 21:08	1
Pyrene	ND		4.7	0.32	ug/L		11/09/16 14:23	11/11/16 21:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	96		52 - 132	11/09/16 14:23	11/11/16 21:08	1
2-Fluorobiphenyl	91		48 - 120	11/09/16 14:23	11/11/16 21:08	1
2-Fluorophenol	51		20 - 120	11/09/16 14:23	11/11/16 21:08	1
Nitrobenzene-d5	74		46 - 120	11/09/16 14:23	11/11/16 21:08	1
Phenol-d5	37		16 - 120	11/09/16 14:23	11/11/16 21:08	1
p-Terphenyl-d14	72		67 - 150	11/09/16 14:23	11/11/16 21:08	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/09/16 13:55	11/11/16 04:58	1
Antimony	ND		0.020	0.0068	mg/L		11/09/16 13:55	11/11/16 04:58	1
Arsenic	ND		0.015	0.0056	mg/L		11/09/16 13:55	11/11/16 04:58	1
Barium	0.044		0.0020	0.00070	mg/L		11/09/16 13:55	11/11/16 04:58	1
Beryllium	ND		0.0020	0.00030	mg/L		11/09/16 13:55	11/11/16 04:58	1
Cadmium	0.0014	J	0.0020	0.00050	mg/L		11/09/16 13:55	11/11/16 04:58	1
Calcium	298		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 04:58	1
Chromium	ND		0.0040	0.0010	mg/L		11/09/16 13:55	11/11/16 04:58	1
Cobalt	0.045		0.0040	0.00063	mg/L		11/09/16 13:55	11/11/16 04:58	1
Copper	0.021		0.010	0.0016	mg/L		11/09/16 13:55	11/11/16 04:58	1
Iron	0.39		0.050	0.019	mg/L		11/09/16 13:55	11/11/16 04:58	1
Lead	0.0041	J	0.010	0.0030	mg/L		11/09/16 13:55	11/11/16 04:58	1
Magnesium	66.7		0.20	0.043	mg/L		11/09/16 13:55	11/11/16 04:58	1
Manganese	1.1	B	0.0030	0.00040	mg/L		11/09/16 13:55	11/11/16 04:58	1
Nickel	0.17		0.010	0.0013	mg/L		11/09/16 13:55	11/11/16 04:58	1
Potassium	6.8		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 04:58	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-PZ-16 1116

Lab Sample ID: 480-109269-8

Date Collected: 11/08/16 10:10

Matrix: Ground Water

Date Received: 11/08/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/09/16 13:55	11/11/16 04:58	1
Silver	ND		0.0060	0.0017	mg/L		11/09/16 13:55	11/11/16 04:58	1
Sodium	21.3		1.0	0.32	mg/L		11/09/16 13:55	11/11/16 04:58	1
Thallium	ND		0.020	0.010	mg/L		11/09/16 13:55	11/11/16 04:58	1
Vanadium	ND		0.0050	0.0015	mg/L		11/09/16 13:55	11/11/16 04:58	1
Zinc	4.2		0.010	0.0015	mg/L		11/09/16 13:55	11/11/16 04:58	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/11/16 10:40	11/11/16 15:19	1

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E MW-E03 1116

Lab Sample ID: 480-109269-9

Date Collected: 11/07/16 10:50

Matrix: Ground Water

Date Received: 11/08/16 16:00

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			11/16/16 18:42	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/16/16 18:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/16/16 18:42	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/16/16 18:42	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/16/16 18:42	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/16/16 18:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/16/16 18:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/16/16 18:42	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/16/16 18:42	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/16/16 18:42	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/16/16 18:42	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/16/16 18:42	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/16/16 18:42	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/16/16 18:42	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/16/16 18:42	1
2-Hexanone	ND		5.0	1.2	ug/L			11/16/16 18:42	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/16/16 18:42	1
Acetone	ND		10	3.0	ug/L			11/16/16 18:42	1
Benzene	ND		1.0	0.41	ug/L			11/16/16 18:42	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/16/16 18:42	1
Bromoform	ND		1.0	0.26	ug/L			11/16/16 18:42	1
Bromomethane	ND		1.0	0.69	ug/L			11/16/16 18:42	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/16/16 18:42	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/16/16 18:42	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/16/16 18:42	1
Chloroethane	ND		1.0	0.32	ug/L			11/16/16 18:42	1
Chloroform	ND		1.0	0.34	ug/L			11/16/16 18:42	1
Chloromethane	ND	*	1.0	0.35	ug/L			11/16/16 18:42	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/16/16 18:42	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/16/16 18:42	1
Cyclohexane	ND		1.0	0.18	ug/L			11/16/16 18:42	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/16/16 18:42	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/16/16 18:42	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/16/16 18:42	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/16/16 18:42	1
Methyl acetate	ND		2.5	1.3	ug/L			11/16/16 18:42	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/16/16 18:42	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/16/16 18:42	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/16/16 18:42	1
Styrene	ND		1.0	0.73	ug/L			11/16/16 18:42	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/16/16 18:42	1
Toluene	ND		1.0	0.51	ug/L			11/16/16 18:42	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/16/16 18:42	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/16/16 18:42	1
Trichloroethene	ND		1.0	0.46	ug/L			11/16/16 18:42	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/16/16 18:42	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/16/16 18:42	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/16/16 18:42	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E MW-E03 1116

Lab Sample ID: 480-109269-9

Date Collected: 11/07/16 10:50

Matrix: Ground Water

Date Received: 11/08/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		11/16/16 18:42	1
4-Bromofluorobenzene (Surr)	98		73 - 120		11/16/16 18:42	1
Toluene-d8 (Surr)	106		80 - 120		11/16/16 18:42	1
Dibromofluoromethane (Surr)	104		75 - 123		11/16/16 18:42	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		11/09/16 14:23	11/11/16 21:36	1
2,4,6-Trichlorophenol	ND		4.6	0.57	ug/L		11/09/16 14:23	11/11/16 21:36	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 21:36	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/09/16 14:23	11/11/16 21:36	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		11/09/16 14:23	11/11/16 21:36	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		11/09/16 14:23	11/11/16 21:36	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 21:36	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		11/09/16 14:23	11/11/16 21:36	1
2-Chlorophenol	ND		4.6	0.49	ug/L		11/09/16 14:23	11/11/16 21:36	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		11/09/16 14:23	11/11/16 21:36	1
2-Methylphenol	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 21:36	1
2-Nitroaniline	ND		9.3	0.39	ug/L		11/09/16 14:23	11/11/16 21:36	1
2-Nitrophenol	ND		4.6	0.45	ug/L		11/09/16 14:23	11/11/16 21:36	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 21:36	1
3-Nitroaniline	ND		9.3	0.45	ug/L		11/09/16 14:23	11/11/16 21:36	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		11/09/16 14:23	11/11/16 21:36	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		11/09/16 14:23	11/11/16 21:36	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		11/09/16 14:23	11/11/16 21:36	1
4-Chloroaniline	ND		4.6	0.55	ug/L		11/09/16 14:23	11/11/16 21:36	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 21:36	1
4-Methylphenol	ND		9.3	0.33	ug/L		11/09/16 14:23	11/11/16 21:36	1
4-Nitroaniline	ND		9.3	0.23	ug/L		11/09/16 14:23	11/11/16 21:36	1
4-Nitrophenol	ND		9.3	1.4	ug/L		11/09/16 14:23	11/11/16 21:36	1
Acenaphthene	ND		4.6	0.38	ug/L		11/09/16 14:23	11/11/16 21:36	1
Acenaphthylene	ND		4.6	0.35	ug/L		11/09/16 14:23	11/11/16 21:36	1
Acetophenone	ND		4.6	0.50	ug/L		11/09/16 14:23	11/11/16 21:36	1
Aniline	ND		9.3	0.57	ug/L		11/09/16 14:23	11/11/16 21:36	1
Anthracene	ND		4.6	0.26	ug/L		11/09/16 14:23	11/11/16 21:36	1
Atrazine	ND		4.6	0.43	ug/L		11/09/16 14:23	11/11/16 21:36	1
Benzaldehyde	ND		4.6	0.25	ug/L		11/09/16 14:23	11/11/16 21:36	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		11/09/16 14:23	11/11/16 21:36	1
Benzo(a)pyrene	ND		4.6	0.44	ug/L		11/09/16 14:23	11/11/16 21:36	1
Benzo(b)fluoranthene	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 21:36	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 21:36	1
Benzo(k)fluoranthene	ND		4.6	0.68	ug/L		11/09/16 14:23	11/11/16 21:36	1
Biphenyl	ND		4.6	0.61	ug/L		11/09/16 14:23	11/11/16 21:36	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		11/09/16 14:23	11/11/16 21:36	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 21:36	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 21:36	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		11/09/16 14:23	11/11/16 21:36	1
Butyl benzyl phthalate	ND		4.6	0.93	ug/L		11/09/16 14:23	11/11/16 21:36	1
Caprolactam	ND		4.6	2.0	ug/L		11/09/16 14:23	11/11/16 21:36	1
Carbazole	ND		4.6	0.28	ug/L		11/09/16 14:23	11/11/16 21:36	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E MW-E03 1116

Lab Sample ID: 480-109269-9

Date Collected: 11/07/16 10:50

Matrix: Ground Water

Date Received: 11/08/16 16:00

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		11/09/16 14:23	11/11/16 21:36	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		11/09/16 14:23	11/11/16 21:36	1
Dibenzofuran	ND		9.3	0.47	ug/L		11/09/16 14:23	11/11/16 21:36	1
Diethyl phthalate	ND		4.6	0.20	ug/L		11/09/16 14:23	11/11/16 21:36	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		11/09/16 14:23	11/11/16 21:36	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		11/09/16 14:23	11/11/16 21:36	1
Di-n-octyl phthalate	ND		4.6	0.44	ug/L		11/09/16 14:23	11/11/16 21:36	1
Fluoranthene	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 21:36	1
Fluorene	ND		4.6	0.33	ug/L		11/09/16 14:23	11/11/16 21:36	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 21:36	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		11/09/16 14:23	11/11/16 21:36	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		11/09/16 14:23	11/11/16 21:36	1
Hexachloroethane	ND		4.6	0.55	ug/L		11/09/16 14:23	11/11/16 21:36	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.44	ug/L		11/09/16 14:23	11/11/16 21:36	1
Isophorone	ND		4.6	0.40	ug/L		11/09/16 14:23	11/11/16 21:36	1
Naphthalene	ND		4.6	0.70	ug/L		11/09/16 14:23	11/11/16 21:36	1
Nitrobenzene	ND		4.6	0.27	ug/L		11/09/16 14:23	11/11/16 21:36	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		11/09/16 14:23	11/11/16 21:36	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 21:36	1
Pentachlorophenol	ND		9.3	2.0	ug/L		11/09/16 14:23	11/11/16 21:36	1
Phenanthrene	ND		4.6	0.41	ug/L		11/09/16 14:23	11/11/16 21:36	1
Phenol	ND		4.6	0.36	ug/L		11/09/16 14:23	11/11/16 21:36	1
Pyrene	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 21:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	100		52 - 132	11/09/16 14:23	11/11/16 21:36	1
2-Fluorobiphenyl	97		48 - 120	11/09/16 14:23	11/11/16 21:36	1
2-Fluorophenol	57		20 - 120	11/09/16 14:23	11/11/16 21:36	1
Nitrobenzene-d5	78		46 - 120	11/09/16 14:23	11/11/16 21:36	1
Phenol-d5	41		16 - 120	11/09/16 14:23	11/11/16 21:36	1
p-Terphenyl-d14	99		67 - 150	11/09/16 14:23	11/11/16 21:36	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		11/09/16 13:55	11/11/16 05:01	1
Antimony	ND		0.020	0.0068	mg/L		11/09/16 13:55	11/11/16 05:01	1
Arsenic	ND		0.015	0.0056	mg/L		11/09/16 13:55	11/11/16 05:01	1
Barium	0.056		0.0020	0.00070	mg/L		11/09/16 13:55	11/11/16 05:01	1
Beryllium	ND		0.0020	0.00030	mg/L		11/09/16 13:55	11/11/16 05:01	1
Cadmium	ND		0.0020	0.00050	mg/L		11/09/16 13:55	11/11/16 05:01	1
Calcium	232		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 05:01	1
Chromium	0.0019	J	0.0040	0.0010	mg/L		11/09/16 13:55	11/11/16 05:01	1
Cobalt	ND		0.0040	0.00063	mg/L		11/09/16 13:55	11/11/16 05:01	1
Copper	0.0027	J	0.010	0.0016	mg/L		11/09/16 13:55	11/11/16 05:01	1
Iron	0.46		0.050	0.019	mg/L		11/09/16 13:55	11/11/16 05:01	1
Lead	0.0038	J	0.010	0.0030	mg/L		11/09/16 13:55	11/11/16 05:01	1
Magnesium	32.9		0.20	0.043	mg/L		11/09/16 13:55	11/11/16 05:01	1
Manganese	0.058	B	0.0030	0.00040	mg/L		11/09/16 13:55	11/11/16 05:01	1
Nickel	0.0029	J	0.010	0.0013	mg/L		11/09/16 13:55	11/11/16 05:01	1
Potassium	4.9		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 05:01	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E MW-E03 1116

Lab Sample ID: 480-109269-9

Date Collected: 11/07/16 10:50

Matrix: Ground Water

Date Received: 11/08/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	0.016	J	0.025	0.0087	mg/L		11/09/16 13:55	11/11/16 05:01	1
Silver	ND		0.0060	0.0017	mg/L		11/09/16 13:55	11/11/16 05:01	1
Sodium	36.0		1.0	0.32	mg/L		11/09/16 13:55	11/11/16 05:01	1
Thallium	ND		0.020	0.010	mg/L		11/09/16 13:55	11/11/16 05:01	1
Vanadium	ND		0.0050	0.0015	mg/L		11/09/16 13:55	11/11/16 05:01	1
Zinc	0.012		0.010	0.0015	mg/L		11/09/16 13:55	11/11/16 05:01	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/11/16 10:40	11/11/16 15:22	1

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E MW-E04 1116

Lab Sample ID: 480-109269-10

Date Collected: 11/07/16 14:25

Matrix: Ground Water

Date Received: 11/08/16 16:00

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			11/17/16 01:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/17/16 01:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/17/16 01:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/17/16 01:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/17/16 01:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/17/16 01:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/17/16 01:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/17/16 01:58	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/17/16 01:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/17/16 01:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/17/16 01:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/17/16 01:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/17/16 01:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/17/16 01:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/17/16 01:58	1
2-Hexanone	ND		5.0	1.2	ug/L			11/17/16 01:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/17/16 01:58	1
Acetone	ND		10	3.0	ug/L			11/17/16 01:58	1
Benzene	ND		1.0	0.41	ug/L			11/17/16 01:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/17/16 01:58	1
Bromoform	ND		1.0	0.26	ug/L			11/17/16 01:58	1
Bromomethane	ND		1.0	0.69	ug/L			11/17/16 01:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/17/16 01:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/17/16 01:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/17/16 01:58	1
Chloroethane	ND		1.0	0.32	ug/L			11/17/16 01:58	1
Chloroform	ND		1.0	0.34	ug/L			11/17/16 01:58	1
Chloromethane	ND	*	1.0	0.35	ug/L			11/17/16 01:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/17/16 01:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/17/16 01:58	1
Cyclohexane	ND		1.0	0.18	ug/L			11/17/16 01:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/17/16 01:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/17/16 01:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/17/16 01:58	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/17/16 01:58	1
Methyl acetate	ND		2.5	1.3	ug/L			11/17/16 01:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/17/16 01:58	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/17/16 01:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/17/16 01:58	1
Styrene	ND		1.0	0.73	ug/L			11/17/16 01:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/17/16 01:58	1
Toluene	ND		1.0	0.51	ug/L			11/17/16 01:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/17/16 01:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/17/16 01:58	1
Trichloroethene	ND		1.0	0.46	ug/L			11/17/16 01:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/17/16 01:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/17/16 01:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/17/16 01:58	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E MW-E04 1116

Lab Sample ID: 480-109269-10

Date Collected: 11/07/16 14:25

Matrix: Ground Water

Date Received: 11/08/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		11/17/16 01:58	1
4-Bromofluorobenzene (Surr)	101		73 - 120		11/17/16 01:58	1
Toluene-d8 (Surr)	106		80 - 120		11/17/16 01:58	1
Dibromofluoromethane (Surr)	110		75 - 123		11/17/16 01:58	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		11/09/16 14:23	11/15/16 14:31	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		11/09/16 14:23	11/15/16 14:31	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		11/09/16 14:23	11/15/16 14:31	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/09/16 14:23	11/15/16 14:31	1
2,4-Dinitrophenol	ND		9.2	2.0	ug/L		11/09/16 14:23	11/15/16 14:31	1
2,4-Dinitrotoluene	2.7	J	4.6	0.41	ug/L		11/09/16 14:23	11/15/16 14:31	1
2,6-Dinitrotoluene	8.8		4.6	0.37	ug/L		11/09/16 14:23	11/15/16 14:31	1
2-Chloronaphthalene	ND		4.6	0.42	ug/L		11/09/16 14:23	11/15/16 14:31	1
2-Chlorophenol	ND		4.6	0.49	ug/L		11/09/16 14:23	11/15/16 14:31	1
2-Methylnaphthalene	ND		4.6	0.55	ug/L		11/09/16 14:23	11/15/16 14:31	1
2-Methylphenol	ND		4.6	0.37	ug/L		11/09/16 14:23	11/15/16 14:31	1
2-Nitroaniline	ND		9.2	0.39	ug/L		11/09/16 14:23	11/15/16 14:31	1
2-Nitrophenol	ND		4.6	0.44	ug/L		11/09/16 14:23	11/15/16 14:31	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		11/09/16 14:23	11/15/16 14:31	1
3-Nitroaniline	ND		9.2	0.44	ug/L		11/09/16 14:23	11/15/16 14:31	1
4,6-Dinitro-2-methylphenol	ND		9.2	2.0	ug/L		11/09/16 14:23	11/15/16 14:31	1
4-Bromophenyl phenyl ether	ND		4.6	0.41	ug/L		11/09/16 14:23	11/15/16 14:31	1
4-Chloro-3-methylphenol	ND		4.6	0.41	ug/L		11/09/16 14:23	11/15/16 14:31	1
4-Chloroaniline	ND		4.6	0.54	ug/L		11/09/16 14:23	11/15/16 14:31	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		11/09/16 14:23	11/15/16 14:31	1
4-Methylphenol	ND		9.2	0.33	ug/L		11/09/16 14:23	11/15/16 14:31	1
4-Nitroaniline	ND		9.2	0.23	ug/L		11/09/16 14:23	11/15/16 14:31	1
4-Nitrophenol	ND		9.2	1.4	ug/L		11/09/16 14:23	11/15/16 14:31	1
Acenaphthene	ND		4.6	0.38	ug/L		11/09/16 14:23	11/15/16 14:31	1
Acenaphthylene	ND		4.6	0.35	ug/L		11/09/16 14:23	11/15/16 14:31	1
Acetophenone	ND		4.6	0.50	ug/L		11/09/16 14:23	11/15/16 14:31	1
Aniline	ND		9.2	0.56	ug/L		11/09/16 14:23	11/15/16 14:31	1
Anthracene	ND		4.6	0.26	ug/L		11/09/16 14:23	11/15/16 14:31	1
Atrazine	ND		4.6	0.42	ug/L		11/09/16 14:23	11/15/16 14:31	1
Benzaldehyde	ND		4.6	0.25	ug/L		11/09/16 14:23	11/15/16 14:31	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		11/09/16 14:23	11/15/16 14:31	1
Benzo(a)pyrene	ND		4.6	0.43	ug/L		11/09/16 14:23	11/15/16 14:31	1
Benzo(b)fluoranthene	ND		4.6	0.31	ug/L		11/09/16 14:23	11/15/16 14:31	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		11/09/16 14:23	11/15/16 14:31	1
Benzo(k)fluoranthene	ND		4.6	0.67	ug/L		11/09/16 14:23	11/15/16 14:31	1
Biphenyl	ND		4.6	0.60	ug/L		11/09/16 14:23	11/15/16 14:31	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		11/09/16 14:23	11/15/16 14:31	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		11/09/16 14:23	11/15/16 14:31	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		11/09/16 14:23	11/15/16 14:31	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		11/09/16 14:23	11/15/16 14:31	1
Butyl benzyl phthalate	ND		4.6	0.92	ug/L		11/09/16 14:23	11/15/16 14:31	1
Caprolactam	ND		4.6	2.0	ug/L		11/09/16 14:23	11/15/16 14:31	1
Carbazole	ND		4.6	0.28	ug/L		11/09/16 14:23	11/15/16 14:31	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E MW-E04 1116

Lab Sample ID: 480-109269-10

Date Collected: 11/07/16 14:25

Matrix: Ground Water

Date Received: 11/08/16 16:00

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 14:23	11/15/16 14:31	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		11/09/16 14:23	11/15/16 14:31	1
Dibenzofuran	ND		9.2	0.47	ug/L		11/09/16 14:23	11/15/16 14:31	1
Diethyl phthalate	ND		4.6	0.20	ug/L		11/09/16 14:23	11/15/16 14:31	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		11/09/16 14:23	11/15/16 14:31	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		11/09/16 14:23	11/15/16 14:31	1
Di-n-octyl phthalate	ND		4.6	0.43	ug/L		11/09/16 14:23	11/15/16 14:31	1
Fluoranthene	ND		4.6	0.37	ug/L		11/09/16 14:23	11/15/16 14:31	1
Fluorene	ND		4.6	0.33	ug/L		11/09/16 14:23	11/15/16 14:31	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		11/09/16 14:23	11/15/16 14:31	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		11/09/16 14:23	11/15/16 14:31	1
Hexachlorocyclopentadiene	ND		4.6	0.54	ug/L		11/09/16 14:23	11/15/16 14:31	1
Hexachloroethane	ND		4.6	0.54	ug/L		11/09/16 14:23	11/15/16 14:31	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.43	ug/L		11/09/16 14:23	11/15/16 14:31	1
Isophorone	ND		4.6	0.40	ug/L		11/09/16 14:23	11/15/16 14:31	1
Naphthalene	ND		4.6	0.70	ug/L		11/09/16 14:23	11/15/16 14:31	1
Nitrobenzene	ND		4.6	0.27	ug/L		11/09/16 14:23	11/15/16 14:31	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		11/09/16 14:23	11/15/16 14:31	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		11/09/16 14:23	11/15/16 14:31	1
Pentachlorophenol	ND		9.2	2.0	ug/L		11/09/16 14:23	11/15/16 14:31	1
Phenanthrene	ND		4.6	0.41	ug/L		11/09/16 14:23	11/15/16 14:31	1
Phenol	ND		4.6	0.36	ug/L		11/09/16 14:23	11/15/16 14:31	1
Pyrene	ND		4.6	0.31	ug/L		11/09/16 14:23	11/15/16 14:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	84		52 - 132	11/09/16 14:23	11/15/16 14:31	1
2-Fluorobiphenyl	82		48 - 120	11/09/16 14:23	11/15/16 14:31	1
2-Fluorophenol	60		20 - 120	11/09/16 14:23	11/15/16 14:31	1
Nitrobenzene-d5	83		46 - 120	11/09/16 14:23	11/15/16 14:31	1
Phenol-d5	45		16 - 120	11/09/16 14:23	11/15/16 14:31	1
p-Terphenyl-d14	87		67 - 150	11/09/16 14:23	11/15/16 14:31	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		11/09/16 13:55	11/11/16 05:05	1
Antimony	0.061		0.020	0.0068	mg/L		11/09/16 13:55	11/11/16 05:05	1
Arsenic	ND		0.015	0.0056	mg/L		11/09/16 13:55	11/11/16 05:05	1
Barium	0.064		0.0020	0.00070	mg/L		11/09/16 13:55	11/11/16 05:05	1
Beryllium	ND		0.0020	0.00030	mg/L		11/09/16 13:55	11/11/16 05:05	1
Cadmium	0.0038		0.0020	0.00050	mg/L		11/09/16 13:55	11/11/16 05:05	1
Calcium	149		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 05:05	1
Chromium	0.0051		0.0040	0.0010	mg/L		11/09/16 13:55	11/11/16 05:05	1
Cobalt	ND		0.0040	0.00063	mg/L		11/09/16 13:55	11/11/16 05:05	1
Copper	0.021		0.010	0.0016	mg/L		11/09/16 13:55	11/11/16 05:05	1
Iron	0.98		0.050	0.019	mg/L		11/09/16 13:55	11/11/16 05:05	1
Lead	0.0040	J	0.010	0.0030	mg/L		11/09/16 13:55	11/11/16 05:05	1
Magnesium	31.1		0.20	0.043	mg/L		11/09/16 13:55	11/11/16 05:05	1
Manganese	0.12	B	0.0030	0.00040	mg/L		11/09/16 13:55	11/11/16 05:05	1
Nickel	0.017		0.010	0.0013	mg/L		11/09/16 13:55	11/11/16 05:05	1
Potassium	7.3		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 05:05	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E MW-E04 1116

Lab Sample ID: 480-109269-10

Date Collected: 11/07/16 14:25

Matrix: Ground Water

Date Received: 11/08/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/09/16 13:55	11/11/16 05:05	1
Silver	ND		0.0060	0.0017	mg/L		11/09/16 13:55	11/11/16 05:05	1
Sodium	13.1		1.0	0.32	mg/L		11/09/16 13:55	11/11/16 05:05	1
Thallium	ND		0.020	0.010	mg/L		11/09/16 13:55	11/11/16 05:05	1
Vanadium	0.0021	J	0.0050	0.0015	mg/L		11/09/16 13:55	11/11/16 05:05	1
Zinc	1.7		0.010	0.0015	mg/L		11/09/16 13:55	11/11/16 05:05	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/11/16 10:40	11/11/16 15:25	1

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E MW-E05 1116

Lab Sample ID: 480-109269-11

Date Collected: 11/08/16 12:26

Matrix: Ground Water

Date Received: 11/08/16 16:00

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			11/17/16 02:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/17/16 02:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/17/16 02:26	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/17/16 02:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/17/16 02:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/17/16 02:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/17/16 02:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/17/16 02:26	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/17/16 02:26	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/17/16 02:26	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/17/16 02:26	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/17/16 02:26	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/17/16 02:26	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/17/16 02:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/17/16 02:26	1
2-Hexanone	ND		5.0	1.2	ug/L			11/17/16 02:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/17/16 02:26	1
Acetone	ND		10	3.0	ug/L			11/17/16 02:26	1
Benzene	ND		1.0	0.41	ug/L			11/17/16 02:26	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/17/16 02:26	1
Bromoform	ND		1.0	0.26	ug/L			11/17/16 02:26	1
Bromomethane	ND		1.0	0.69	ug/L			11/17/16 02:26	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/17/16 02:26	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/17/16 02:26	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/17/16 02:26	1
Chloroethane	ND		1.0	0.32	ug/L			11/17/16 02:26	1
Chloroform	ND		1.0	0.34	ug/L			11/17/16 02:26	1
Chloromethane	ND	*	1.0	0.35	ug/L			11/17/16 02:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/17/16 02:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/17/16 02:26	1
Cyclohexane	ND		1.0	0.18	ug/L			11/17/16 02:26	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/17/16 02:26	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/17/16 02:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/17/16 02:26	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/17/16 02:26	1
Methyl acetate	ND		2.5	1.3	ug/L			11/17/16 02:26	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/17/16 02:26	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/17/16 02:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/17/16 02:26	1
Styrene	ND		1.0	0.73	ug/L			11/17/16 02:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/17/16 02:26	1
Toluene	ND		1.0	0.51	ug/L			11/17/16 02:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/17/16 02:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/17/16 02:26	1
Trichloroethene	ND		1.0	0.46	ug/L			11/17/16 02:26	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/17/16 02:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/17/16 02:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/17/16 02:26	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E MW-E05 1116

Lab Sample ID: 480-109269-11

Date Collected: 11/08/16 12:26

Matrix: Ground Water

Date Received: 11/08/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		11/17/16 02:26	1
4-Bromofluorobenzene (Surr)	101		73 - 120		11/17/16 02:26	1
Toluene-d8 (Surr)	107		80 - 120		11/17/16 02:26	1
Dibromofluoromethane (Surr)	107		75 - 123		11/17/16 02:26	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		11/09/16 14:23	11/11/16 22:33	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		11/09/16 14:23	11/11/16 22:33	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 22:33	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/09/16 14:23	11/11/16 22:33	1
2,4-Dinitrophenol	ND		9.2	2.1	ug/L		11/09/16 14:23	11/11/16 22:33	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		11/09/16 14:23	11/11/16 22:33	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 22:33	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		11/09/16 14:23	11/11/16 22:33	1
2-Chlorophenol	ND		4.6	0.49	ug/L		11/09/16 14:23	11/11/16 22:33	1
2-Methylnaphthalene	ND		4.6	0.55	ug/L		11/09/16 14:23	11/11/16 22:33	1
2-Methylphenol	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 22:33	1
2-Nitroaniline	ND		9.2	0.39	ug/L		11/09/16 14:23	11/11/16 22:33	1
2-Nitrophenol	ND		4.6	0.44	ug/L		11/09/16 14:23	11/11/16 22:33	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 22:33	1
3-Nitroaniline	ND		9.2	0.44	ug/L		11/09/16 14:23	11/11/16 22:33	1
4,6-Dinitro-2-methylphenol	ND		9.2	2.0	ug/L		11/09/16 14:23	11/11/16 22:33	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		11/09/16 14:23	11/11/16 22:33	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		11/09/16 14:23	11/11/16 22:33	1
4-Chloroaniline	ND		4.6	0.55	ug/L		11/09/16 14:23	11/11/16 22:33	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 22:33	1
4-Methylphenol	ND		9.2	0.33	ug/L		11/09/16 14:23	11/11/16 22:33	1
4-Nitroaniline	ND		9.2	0.23	ug/L		11/09/16 14:23	11/11/16 22:33	1
4-Nitrophenol	ND		9.2	1.4	ug/L		11/09/16 14:23	11/11/16 22:33	1
Acenaphthene	ND		4.6	0.38	ug/L		11/09/16 14:23	11/11/16 22:33	1
Acenaphthylene	ND		4.6	0.35	ug/L		11/09/16 14:23	11/11/16 22:33	1
Acetophenone	ND		4.6	0.50	ug/L		11/09/16 14:23	11/11/16 22:33	1
Aniline	ND		9.2	0.56	ug/L		11/09/16 14:23	11/11/16 22:33	1
Anthracene	ND		4.6	0.26	ug/L		11/09/16 14:23	11/11/16 22:33	1
Atrazine	ND		4.6	0.43	ug/L		11/09/16 14:23	11/11/16 22:33	1
Benzaldehyde	ND		4.6	0.25	ug/L		11/09/16 14:23	11/11/16 22:33	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		11/09/16 14:23	11/11/16 22:33	1
Benzo(a)pyrene	ND		4.6	0.43	ug/L		11/09/16 14:23	11/11/16 22:33	1
Benzo(b)fluoranthene	ND		4.6	0.31	ug/L		11/09/16 14:23	11/11/16 22:33	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 22:33	1
Benzo(k)fluoranthene	ND		4.6	0.67	ug/L		11/09/16 14:23	11/11/16 22:33	1
Biphenyl	ND		4.6	0.60	ug/L		11/09/16 14:23	11/11/16 22:33	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		11/09/16 14:23	11/11/16 22:33	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 22:33	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 22:33	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		11/09/16 14:23	11/11/16 22:33	1
Butyl benzyl phthalate	ND		4.6	0.92	ug/L		11/09/16 14:23	11/11/16 22:33	1
Caprolactam	ND		4.6	2.0	ug/L		11/09/16 14:23	11/11/16 22:33	1
Carbazole	ND		4.6	0.28	ug/L		11/09/16 14:23	11/11/16 22:33	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E MW-E05 1116

Lab Sample ID: 480-109269-11

Date Collected: 11/08/16 12:26

Matrix: Ground Water

Date Received: 11/08/16 16:00

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		11/09/16 14:23	11/11/16 22:33	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		11/09/16 14:23	11/11/16 22:33	1
Dibenzofuran	ND		9.2	0.47	ug/L		11/09/16 14:23	11/11/16 22:33	1
Diethyl phthalate	ND		4.6	0.20	ug/L		11/09/16 14:23	11/11/16 22:33	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		11/09/16 14:23	11/11/16 22:33	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		11/09/16 14:23	11/11/16 22:33	1
Di-n-octyl phthalate	ND		4.6	0.43	ug/L		11/09/16 14:23	11/11/16 22:33	1
Fluoranthene	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 22:33	1
Fluorene	ND		4.6	0.33	ug/L		11/09/16 14:23	11/11/16 22:33	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 22:33	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		11/09/16 14:23	11/11/16 22:33	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		11/09/16 14:23	11/11/16 22:33	1
Hexachloroethane	ND		4.6	0.55	ug/L		11/09/16 14:23	11/11/16 22:33	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.43	ug/L		11/09/16 14:23	11/11/16 22:33	1
Isophorone	ND		4.6	0.40	ug/L		11/09/16 14:23	11/11/16 22:33	1
Naphthalene	ND		4.6	0.70	ug/L		11/09/16 14:23	11/11/16 22:33	1
Nitrobenzene	ND		4.6	0.27	ug/L		11/09/16 14:23	11/11/16 22:33	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		11/09/16 14:23	11/11/16 22:33	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 22:33	1
Pentachlorophenol	ND		9.2	2.0	ug/L		11/09/16 14:23	11/11/16 22:33	1
Phenanthrene	ND		4.6	0.41	ug/L		11/09/16 14:23	11/11/16 22:33	1
Phenol	ND		4.6	0.36	ug/L		11/09/16 14:23	11/11/16 22:33	1
Pyrene	ND		4.6	0.31	ug/L		11/09/16 14:23	11/11/16 22:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		52 - 132	11/09/16 14:23	11/11/16 22:33	1
2-Fluorobiphenyl	83		48 - 120	11/09/16 14:23	11/11/16 22:33	1
2-Fluorophenol	52		20 - 120	11/09/16 14:23	11/11/16 22:33	1
Nitrobenzene-d5	67		46 - 120	11/09/16 14:23	11/11/16 22:33	1
Phenol-d5	38		16 - 120	11/09/16 14:23	11/11/16 22:33	1
p-Terphenyl-d14	88		67 - 150	11/09/16 14:23	11/11/16 22:33	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.56		0.20	0.060	mg/L		11/09/16 13:55	11/11/16 05:09	1
Antimony	ND		0.020	0.0068	mg/L		11/09/16 13:55	11/11/16 05:09	1
Arsenic	0.0081	J	0.015	0.0056	mg/L		11/09/16 13:55	11/11/16 05:09	1
Barium	0.039		0.0020	0.00070	mg/L		11/09/16 13:55	11/11/16 05:09	1
Beryllium	ND		0.0020	0.00030	mg/L		11/09/16 13:55	11/11/16 05:09	1
Cadmium	0.027		0.0020	0.00050	mg/L		11/09/16 13:55	11/11/16 05:09	1
Calcium	242		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 05:09	1
Chromium	ND		0.0040	0.0010	mg/L		11/09/16 13:55	11/11/16 05:09	1
Cobalt	0.019		0.0040	0.00063	mg/L		11/09/16 13:55	11/11/16 05:09	1
Copper	0.17		0.010	0.0016	mg/L		11/09/16 13:55	11/11/16 05:09	1
Iron	0.85		0.050	0.019	mg/L		11/09/16 13:55	11/11/16 05:09	1
Lead	0.056		0.010	0.0030	mg/L		11/09/16 13:55	11/11/16 05:09	1
Magnesium	28.7		0.20	0.043	mg/L		11/09/16 13:55	11/11/16 05:09	1
Manganese	0.20	B	0.0030	0.00040	mg/L		11/09/16 13:55	11/11/16 05:09	1
Nickel	0.037		0.010	0.0013	mg/L		11/09/16 13:55	11/11/16 05:09	1
Potassium	8.0		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 05:09	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E MW-E05 1116

Lab Sample ID: 480-109269-11

Date Collected: 11/08/16 12:26

Matrix: Ground Water

Date Received: 11/08/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	0.018	J	0.025	0.0087	mg/L		11/09/16 13:55	11/11/16 05:09	1
Silver	ND		0.0060	0.0017	mg/L		11/09/16 13:55	11/11/16 05:09	1
Sodium	97.2		1.0	0.32	mg/L		11/09/16 13:55	11/11/16 05:09	1
Thallium	ND		0.020	0.010	mg/L		11/09/16 13:55	11/11/16 05:09	1
Vanadium	ND		0.0050	0.0015	mg/L		11/09/16 13:55	11/11/16 05:09	1
Zinc	6.2		0.010	0.0015	mg/L		11/09/16 13:55	11/11/16 05:09	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/11/16 10:40	11/11/16 15:26	1

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E MW-E06 1116

Lab Sample ID: 480-109269-12

Date Collected: 11/08/16 11:25

Matrix: Ground Water

Date Received: 11/08/16 16:00

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			11/17/16 02:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/17/16 02:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/17/16 02:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/17/16 02:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/17/16 02:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/17/16 02:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/17/16 02:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/17/16 02:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/17/16 02:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/17/16 02:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/17/16 02:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/17/16 02:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/17/16 02:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/17/16 02:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/17/16 02:53	1
2-Hexanone	ND		5.0	1.2	ug/L			11/17/16 02:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/17/16 02:53	1
Acetone	ND		10	3.0	ug/L			11/17/16 02:53	1
Benzene	ND		1.0	0.41	ug/L			11/17/16 02:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/17/16 02:53	1
Bromoform	ND		1.0	0.26	ug/L			11/17/16 02:53	1
Bromomethane	ND		1.0	0.69	ug/L			11/17/16 02:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/17/16 02:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/17/16 02:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/17/16 02:53	1
Chloroethane	ND		1.0	0.32	ug/L			11/17/16 02:53	1
Chloroform	ND		1.0	0.34	ug/L			11/17/16 02:53	1
Chloromethane	ND	*	1.0	0.35	ug/L			11/17/16 02:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/17/16 02:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/17/16 02:53	1
Cyclohexane	ND		1.0	0.18	ug/L			11/17/16 02:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/17/16 02:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/17/16 02:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/17/16 02:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/17/16 02:53	1
Methyl acetate	ND		2.5	1.3	ug/L			11/17/16 02:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/17/16 02:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/17/16 02:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/17/16 02:53	1
Styrene	ND		1.0	0.73	ug/L			11/17/16 02:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/17/16 02:53	1
Toluene	ND		1.0	0.51	ug/L			11/17/16 02:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/17/16 02:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/17/16 02:53	1
Trichloroethene	ND		1.0	0.46	ug/L			11/17/16 02:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/17/16 02:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/17/16 02:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/17/16 02:53	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E MW-E06 1116

Lab Sample ID: 480-109269-12

Date Collected: 11/08/16 11:25

Matrix: Ground Water

Date Received: 11/08/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		11/17/16 02:53	1
4-Bromofluorobenzene (Surr)	99		73 - 120		11/17/16 02:53	1
Toluene-d8 (Surr)	107		80 - 120		11/17/16 02:53	1
Dibromofluoromethane (Surr)	108		75 - 123		11/17/16 02:53	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		11/09/16 14:23	11/11/16 23:01	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		11/09/16 14:23	11/11/16 23:01	1
2,4-Dichlorophenol	ND		4.7	0.47	ug/L		11/09/16 14:23	11/11/16 23:01	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		11/09/16 14:23	11/11/16 23:01	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		11/09/16 14:23	11/11/16 23:01	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		11/09/16 14:23	11/11/16 23:01	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		11/09/16 14:23	11/11/16 23:01	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		11/09/16 14:23	11/11/16 23:01	1
2-Chlorophenol	ND		4.7	0.49	ug/L		11/09/16 14:23	11/11/16 23:01	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		11/09/16 14:23	11/11/16 23:01	1
2-Methylphenol	ND		4.7	0.37	ug/L		11/09/16 14:23	11/11/16 23:01	1
2-Nitroaniline	ND		9.3	0.39	ug/L		11/09/16 14:23	11/11/16 23:01	1
2-Nitrophenol	ND		4.7	0.45	ug/L		11/09/16 14:23	11/11/16 23:01	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		11/09/16 14:23	11/11/16 23:01	1
3-Nitroaniline	ND		9.3	0.45	ug/L		11/09/16 14:23	11/11/16 23:01	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		11/09/16 14:23	11/11/16 23:01	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		11/09/16 14:23	11/11/16 23:01	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		11/09/16 14:23	11/11/16 23:01	1
4-Chloroaniline	ND		4.7	0.55	ug/L		11/09/16 14:23	11/11/16 23:01	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		11/09/16 14:23	11/11/16 23:01	1
4-Methylphenol	ND		9.3	0.33	ug/L		11/09/16 14:23	11/11/16 23:01	1
4-Nitroaniline	ND		9.3	0.23	ug/L		11/09/16 14:23	11/11/16 23:01	1
4-Nitrophenol	ND		9.3	1.4	ug/L		11/09/16 14:23	11/11/16 23:01	1
Acenaphthene	ND		4.7	0.38	ug/L		11/09/16 14:23	11/11/16 23:01	1
Acenaphthylene	ND		4.7	0.35	ug/L		11/09/16 14:23	11/11/16 23:01	1
Acetophenone	ND		4.7	0.50	ug/L		11/09/16 14:23	11/11/16 23:01	1
Aniline	ND		9.3	0.57	ug/L		11/09/16 14:23	11/11/16 23:01	1
Anthracene	ND		4.7	0.26	ug/L		11/09/16 14:23	11/11/16 23:01	1
Atrazine	ND		4.7	0.43	ug/L		11/09/16 14:23	11/11/16 23:01	1
Benzaldehyde	ND		4.7	0.25	ug/L		11/09/16 14:23	11/11/16 23:01	1
Benzo(a)anthracene	ND		4.7	0.33	ug/L		11/09/16 14:23	11/11/16 23:01	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		11/09/16 14:23	11/11/16 23:01	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		11/09/16 14:23	11/11/16 23:01	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		11/09/16 14:23	11/11/16 23:01	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		11/09/16 14:23	11/11/16 23:01	1
Biphenyl	ND		4.7	0.61	ug/L		11/09/16 14:23	11/11/16 23:01	1
bis (2-chloroisopropyl) ether	ND		4.7	0.48	ug/L		11/09/16 14:23	11/11/16 23:01	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		11/09/16 14:23	11/11/16 23:01	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		11/09/16 14:23	11/11/16 23:01	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.0	ug/L		11/09/16 14:23	11/11/16 23:01	1
Butyl benzyl phthalate	ND		4.7	0.93	ug/L		11/09/16 14:23	11/11/16 23:01	1
Caprolactam	ND		4.7	2.0	ug/L		11/09/16 14:23	11/11/16 23:01	1
Carbazole	ND		4.7	0.28	ug/L		11/09/16 14:23	11/11/16 23:01	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E MW-E06 1116

Lab Sample ID: 480-109269-12

Date Collected: 11/08/16 11:25

Matrix: Ground Water

Date Received: 11/08/16 16:00

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		11/09/16 14:23	11/11/16 23:01	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		11/09/16 14:23	11/11/16 23:01	1
Dibenzofuran	ND		9.3	0.47	ug/L		11/09/16 14:23	11/11/16 23:01	1
Diethyl phthalate	ND		4.7	0.20	ug/L		11/09/16 14:23	11/11/16 23:01	1
Dimethyl phthalate	ND		4.7	0.33	ug/L		11/09/16 14:23	11/11/16 23:01	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		11/09/16 14:23	11/11/16 23:01	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		11/09/16 14:23	11/11/16 23:01	1
Fluoranthene	ND		4.7	0.37	ug/L		11/09/16 14:23	11/11/16 23:01	1
Fluorene	ND		4.7	0.33	ug/L		11/09/16 14:23	11/11/16 23:01	1
Hexachlorobenzene	ND		4.7	0.47	ug/L		11/09/16 14:23	11/11/16 23:01	1
Hexachlorobutadiene	ND		4.7	0.63	ug/L		11/09/16 14:23	11/11/16 23:01	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		11/09/16 14:23	11/11/16 23:01	1
Hexachloroethane	ND		4.7	0.55	ug/L		11/09/16 14:23	11/11/16 23:01	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		11/09/16 14:23	11/11/16 23:01	1
Isophorone	ND		4.7	0.40	ug/L		11/09/16 14:23	11/11/16 23:01	1
Naphthalene	ND		4.7	0.71	ug/L		11/09/16 14:23	11/11/16 23:01	1
Nitrobenzene	ND		4.7	0.27	ug/L		11/09/16 14:23	11/11/16 23:01	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		11/09/16 14:23	11/11/16 23:01	1
N-Nitrosodiphenylamine	ND		4.7	0.47	ug/L		11/09/16 14:23	11/11/16 23:01	1
Pentachlorophenol	ND		9.3	2.0	ug/L		11/09/16 14:23	11/11/16 23:01	1
Phenanthrene	ND		4.7	0.41	ug/L		11/09/16 14:23	11/11/16 23:01	1
Phenol	ND		4.7	0.36	ug/L		11/09/16 14:23	11/11/16 23:01	1
Pyrene	ND		4.7	0.32	ug/L		11/09/16 14:23	11/11/16 23:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	103		52 - 132	11/09/16 14:23	11/11/16 23:01	1
2-Fluorobiphenyl	100		48 - 120	11/09/16 14:23	11/11/16 23:01	1
2-Fluorophenol	60		20 - 120	11/09/16 14:23	11/11/16 23:01	1
Nitrobenzene-d5	80		46 - 120	11/09/16 14:23	11/11/16 23:01	1
Phenol-d5	43		16 - 120	11/09/16 14:23	11/11/16 23:01	1
p-Terphenyl-d14	97		67 - 150	11/09/16 14:23	11/11/16 23:01	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/09/16 13:55	11/11/16 05:12	1
Antimony	ND		0.020	0.0068	mg/L		11/09/16 13:55	11/11/16 05:12	1
Arsenic	0.019		0.015	0.0056	mg/L		11/09/16 13:55	11/11/16 05:12	1
Barium	0.043		0.0020	0.00070	mg/L		11/09/16 13:55	11/11/16 05:12	1
Beryllium	ND		0.0020	0.00030	mg/L		11/09/16 13:55	11/11/16 05:12	1
Cadmium	ND		0.0020	0.00050	mg/L		11/09/16 13:55	11/11/16 05:12	1
Calcium	421		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 05:12	1
Chromium	0.0011	J	0.0040	0.0010	mg/L		11/09/16 13:55	11/11/16 05:12	1
Cobalt	0.012		0.0040	0.00063	mg/L		11/09/16 13:55	11/11/16 05:12	1
Copper	ND		0.010	0.0016	mg/L		11/09/16 13:55	11/11/16 05:12	1
Iron	54.0		0.050	0.019	mg/L		11/09/16 13:55	11/11/16 05:12	1
Lead	0.0060	J	0.010	0.0030	mg/L		11/09/16 13:55	11/11/16 05:12	1
Magnesium	30.5		0.20	0.043	mg/L		11/09/16 13:55	11/11/16 05:12	1
Manganese	1.6	B	0.0030	0.00040	mg/L		11/09/16 13:55	11/11/16 05:12	1
Nickel	0.014		0.010	0.0013	mg/L		11/09/16 13:55	11/11/16 05:12	1
Potassium	6.6		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 05:12	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E MW-E06 1116

Lab Sample ID: 480-109269-12

Date Collected: 11/08/16 11:25

Matrix: Ground Water

Date Received: 11/08/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/09/16 13:55	11/11/16 05:12	1
Silver	ND		0.0060	0.0017	mg/L		11/09/16 13:55	11/11/16 05:12	1
Sodium	48.5		1.0	0.32	mg/L		11/09/16 13:55	11/11/16 05:12	1
Thallium	ND		0.020	0.010	mg/L		11/09/16 13:55	11/11/16 05:12	1
Vanadium	ND		0.0050	0.0015	mg/L		11/09/16 13:55	11/11/16 05:12	1
Zinc	0.67		0.010	0.0015	mg/L		11/09/16 13:55	11/11/16 05:12	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/11/16 10:40	11/11/16 15:28	1

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E MW-E07 1116

Lab Sample ID: 480-109269-13

Date Collected: 11/08/16 13:35

Matrix: Ground Water

Date Received: 11/08/16 16:00

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			11/17/16 03:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/17/16 03:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/17/16 03:20	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/17/16 03:20	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/17/16 03:20	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/17/16 03:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/17/16 03:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/17/16 03:20	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/17/16 03:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/17/16 03:20	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/17/16 03:20	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/17/16 03:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/17/16 03:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/17/16 03:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/17/16 03:20	1
2-Hexanone	ND		5.0	1.2	ug/L			11/17/16 03:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/17/16 03:20	1
Acetone	ND		10	3.0	ug/L			11/17/16 03:20	1
Benzene	ND		1.0	0.41	ug/L			11/17/16 03:20	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/17/16 03:20	1
Bromoform	ND		1.0	0.26	ug/L			11/17/16 03:20	1
Bromomethane	ND		1.0	0.69	ug/L			11/17/16 03:20	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/17/16 03:20	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/17/16 03:20	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/17/16 03:20	1
Chloroethane	ND		1.0	0.32	ug/L			11/17/16 03:20	1
Chloroform	ND		1.0	0.34	ug/L			11/17/16 03:20	1
Chloromethane	ND	*	1.0	0.35	ug/L			11/17/16 03:20	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/17/16 03:20	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/17/16 03:20	1
Cyclohexane	ND		1.0	0.18	ug/L			11/17/16 03:20	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/17/16 03:20	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/17/16 03:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/17/16 03:20	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/17/16 03:20	1
Methyl acetate	ND		2.5	1.3	ug/L			11/17/16 03:20	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/17/16 03:20	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/17/16 03:20	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/17/16 03:20	1
Styrene	ND		1.0	0.73	ug/L			11/17/16 03:20	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/17/16 03:20	1
Toluene	ND		1.0	0.51	ug/L			11/17/16 03:20	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/17/16 03:20	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/17/16 03:20	1
Trichloroethene	ND		1.0	0.46	ug/L			11/17/16 03:20	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/17/16 03:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/17/16 03:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/17/16 03:20	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E MW-E07 1116

Lab Sample ID: 480-109269-13

Date Collected: 11/08/16 13:35

Matrix: Ground Water

Date Received: 11/08/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		11/17/16 03:20	1
4-Bromofluorobenzene (Surr)	98		73 - 120		11/17/16 03:20	1
Toluene-d8 (Surr)	106		80 - 120		11/17/16 03:20	1
Dibromofluoromethane (Surr)	109		75 - 123		11/17/16 03:20	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		11/09/16 14:23	11/11/16 23:30	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		11/09/16 14:23	11/11/16 23:30	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 23:30	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/09/16 14:23	11/11/16 23:30	1
2,4-Dinitrophenol	ND		9.1	2.0	ug/L		11/09/16 14:23	11/11/16 23:30	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		11/09/16 14:23	11/11/16 23:30	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 23:30	1
2-Chloronaphthalene	ND		4.6	0.42	ug/L		11/09/16 14:23	11/11/16 23:30	1
2-Chlorophenol	ND		4.6	0.48	ug/L		11/09/16 14:23	11/11/16 23:30	1
2-Methylnaphthalene	ND		4.6	0.55	ug/L		11/09/16 14:23	11/11/16 23:30	1
2-Methylphenol	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 23:30	1
2-Nitroaniline	ND		9.1	0.38	ug/L		11/09/16 14:23	11/11/16 23:30	1
2-Nitrophenol	ND		4.6	0.44	ug/L		11/09/16 14:23	11/11/16 23:30	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 23:30	1
3-Nitroaniline	ND		9.1	0.44	ug/L		11/09/16 14:23	11/11/16 23:30	1
4,6-Dinitro-2-methylphenol	ND		9.1	2.0	ug/L		11/09/16 14:23	11/11/16 23:30	1
4-Bromophenyl phenyl ether	ND		4.6	0.41	ug/L		11/09/16 14:23	11/11/16 23:30	1
4-Chloro-3-methylphenol	ND		4.6	0.41	ug/L		11/09/16 14:23	11/11/16 23:30	1
4-Chloroaniline	ND		4.6	0.54	ug/L		11/09/16 14:23	11/11/16 23:30	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 23:30	1
4-Methylphenol	ND		9.1	0.33	ug/L		11/09/16 14:23	11/11/16 23:30	1
4-Nitroaniline	ND		9.1	0.23	ug/L		11/09/16 14:23	11/11/16 23:30	1
4-Nitrophenol	ND		9.1	1.4	ug/L		11/09/16 14:23	11/11/16 23:30	1
Acenaphthene	8.5		4.6	0.38	ug/L		11/09/16 14:23	11/11/16 23:30	1
Acenaphthylene	ND		4.6	0.35	ug/L		11/09/16 14:23	11/11/16 23:30	1
Acetophenone	ND		4.6	0.49	ug/L		11/09/16 14:23	11/11/16 23:30	1
Aniline	ND		9.1	0.56	ug/L		11/09/16 14:23	11/11/16 23:30	1
Anthracene	0.93	J	4.6	0.26	ug/L		11/09/16 14:23	11/11/16 23:30	1
Atrazine	ND		4.6	0.42	ug/L		11/09/16 14:23	11/11/16 23:30	1
Benzaldehyde	ND		4.6	0.24	ug/L		11/09/16 14:23	11/11/16 23:30	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		11/09/16 14:23	11/11/16 23:30	1
Benzo(a)pyrene	ND		4.6	0.43	ug/L		11/09/16 14:23	11/11/16 23:30	1
Benzo(b)fluoranthene	ND		4.6	0.31	ug/L		11/09/16 14:23	11/11/16 23:30	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 23:30	1
Benzo(k)fluoranthene	ND		4.6	0.67	ug/L		11/09/16 14:23	11/11/16 23:30	1
Biphenyl	ND		4.6	0.60	ug/L		11/09/16 14:23	11/11/16 23:30	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		11/09/16 14:23	11/11/16 23:30	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		11/09/16 14:23	11/11/16 23:30	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		11/09/16 14:23	11/11/16 23:30	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		11/09/16 14:23	11/11/16 23:30	1
Butyl benzyl phthalate	ND		4.6	0.91	ug/L		11/09/16 14:23	11/11/16 23:30	1
Caprolactam	ND		4.6	2.0	ug/L		11/09/16 14:23	11/11/16 23:30	1
Carbazole	0.54	J	4.6	0.27	ug/L		11/09/16 14:23	11/11/16 23:30	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E MW-E07 1116

Lab Sample ID: 480-109269-13

Date Collected: 11/08/16 13:35

Matrix: Ground Water

Date Received: 11/08/16 16:00

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 14:23	11/11/16 23:30	1
Dibenz(a,h)anthracene	ND		4.6	0.38	ug/L		11/09/16 14:23	11/11/16 23:30	1
Dibenzofuran	2.3	J	9.1	0.47	ug/L		11/09/16 14:23	11/11/16 23:30	1
Diethyl phthalate	ND		4.6	0.20	ug/L		11/09/16 14:23	11/11/16 23:30	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		11/09/16 14:23	11/11/16 23:30	1
Di-n-butyl phthalate	ND		4.6	0.28	ug/L		11/09/16 14:23	11/11/16 23:30	1
Di-n-octyl phthalate	ND		4.6	0.43	ug/L		11/09/16 14:23	11/11/16 23:30	1
Fluoranthene	1.2	J	4.6	0.37	ug/L		11/09/16 14:23	11/11/16 23:30	1
Fluorene	4.1	J	4.6	0.33	ug/L		11/09/16 14:23	11/11/16 23:30	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 23:30	1
Hexachlorobutadiene	ND		4.6	0.62	ug/L		11/09/16 14:23	11/11/16 23:30	1
Hexachlorocyclopentadiene	ND		4.6	0.54	ug/L		11/09/16 14:23	11/11/16 23:30	1
Hexachloroethane	ND		4.6	0.54	ug/L		11/09/16 14:23	11/11/16 23:30	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.43	ug/L		11/09/16 14:23	11/11/16 23:30	1
Isophorone	ND		4.6	0.39	ug/L		11/09/16 14:23	11/11/16 23:30	1
Naphthalene	ND		4.6	0.70	ug/L		11/09/16 14:23	11/11/16 23:30	1
Nitrobenzene	ND		4.6	0.27	ug/L		11/09/16 14:23	11/11/16 23:30	1
N-Nitrosodi-n-propylamine	ND		4.6	0.49	ug/L		11/09/16 14:23	11/11/16 23:30	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		11/09/16 14:23	11/11/16 23:30	1
Pentachlorophenol	ND		9.1	2.0	ug/L		11/09/16 14:23	11/11/16 23:30	1
Phenanthrene	1.7	J	4.6	0.40	ug/L		11/09/16 14:23	11/11/16 23:30	1
Phenol	ND		4.6	0.36	ug/L		11/09/16 14:23	11/11/16 23:30	1
Pyrene	0.84	J	4.6	0.31	ug/L		11/09/16 14:23	11/11/16 23:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	82		52 - 132	11/09/16 14:23	11/11/16 23:30	1
2-Fluorobiphenyl	78		48 - 120	11/09/16 14:23	11/11/16 23:30	1
2-Fluorophenol	46		20 - 120	11/09/16 14:23	11/11/16 23:30	1
Nitrobenzene-d5	62		46 - 120	11/09/16 14:23	11/11/16 23:30	1
Phenol-d5	34		16 - 120	11/09/16 14:23	11/11/16 23:30	1
p-Terphenyl-d14	73		67 - 150	11/09/16 14:23	11/11/16 23:30	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		11/09/16 13:55	11/11/16 05:26	1
Antimony	ND		0.020	0.0068	mg/L		11/09/16 13:55	11/11/16 05:26	1
Arsenic	0.090		0.015	0.0056	mg/L		11/09/16 13:55	11/11/16 05:26	1
Barium	0.019		0.0020	0.00070	mg/L		11/09/16 13:55	11/11/16 05:26	1
Beryllium	ND		0.0020	0.00030	mg/L		11/09/16 13:55	11/11/16 05:26	1
Cadmium	ND		0.0020	0.00050	mg/L		11/09/16 13:55	11/11/16 05:26	1
Calcium	200		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 05:26	1
Chromium	0.0015	J	0.0040	0.0010	mg/L		11/09/16 13:55	11/11/16 05:26	1
Cobalt	0.016		0.0040	0.00063	mg/L		11/09/16 13:55	11/11/16 05:26	1
Copper	0.0038	J	0.010	0.0016	mg/L		11/09/16 13:55	11/11/16 05:26	1
Iron	46.5		0.050	0.019	mg/L		11/09/16 13:55	11/11/16 05:26	1
Lead	0.032		0.010	0.0030	mg/L		11/09/16 13:55	11/11/16 05:26	1
Magnesium	20.9		0.20	0.043	mg/L		11/09/16 13:55	11/11/16 05:26	1
Manganese	0.47	B	0.0030	0.00040	mg/L		11/09/16 13:55	11/11/16 05:26	1
Nickel	0.012		0.010	0.0013	mg/L		11/09/16 13:55	11/11/16 05:26	1
Potassium	13.1		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 05:26	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E MW-E07 1116

Lab Sample ID: 480-109269-13

Date Collected: 11/08/16 13:35

Matrix: Ground Water

Date Received: 11/08/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/09/16 13:55	11/11/16 05:26	1
Silver	ND		0.0060	0.0017	mg/L		11/09/16 13:55	11/11/16 05:26	1
Sodium	20.0		1.0	0.32	mg/L		11/09/16 13:55	11/11/16 05:26	1
Thallium	ND		0.020	0.010	mg/L		11/09/16 13:55	11/11/16 05:26	1
Vanadium	ND		0.0050	0.0015	mg/L		11/09/16 13:55	11/11/16 05:26	1
Zinc	0.28		0.010	0.0015	mg/L		11/09/16 13:55	11/11/16 05:26	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/11/16 10:40	11/11/16 15:33	1

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-17 D 1116

Lab Sample ID: 480-109269-14

Date Collected: 11/07/16 12:45

Matrix: Ground Water

Date Received: 11/08/16 16:00

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			11/17/16 03:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/17/16 03:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/17/16 03:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/17/16 03:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/17/16 03:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/17/16 03:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/17/16 03:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/17/16 03:48	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/17/16 03:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/17/16 03:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/17/16 03:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/17/16 03:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/17/16 03:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/17/16 03:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/17/16 03:48	1
2-Hexanone	ND		5.0	1.2	ug/L			11/17/16 03:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/17/16 03:48	1
Acetone	ND		10	3.0	ug/L			11/17/16 03:48	1
Benzene	ND		1.0	0.41	ug/L			11/17/16 03:48	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/17/16 03:48	1
Bromoform	ND		1.0	0.26	ug/L			11/17/16 03:48	1
Bromomethane	ND		1.0	0.69	ug/L			11/17/16 03:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/17/16 03:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/17/16 03:48	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/17/16 03:48	1
Chloroethane	ND		1.0	0.32	ug/L			11/17/16 03:48	1
Chloroform	ND		1.0	0.34	ug/L			11/17/16 03:48	1
Chloromethane	ND	*	1.0	0.35	ug/L			11/17/16 03:48	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/17/16 03:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/17/16 03:48	1
Cyclohexane	ND		1.0	0.18	ug/L			11/17/16 03:48	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/17/16 03:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/17/16 03:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/17/16 03:48	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/17/16 03:48	1
Methyl acetate	ND		2.5	1.3	ug/L			11/17/16 03:48	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/17/16 03:48	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/17/16 03:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/17/16 03:48	1
Styrene	ND		1.0	0.73	ug/L			11/17/16 03:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/17/16 03:48	1
Toluene	ND		1.0	0.51	ug/L			11/17/16 03:48	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/17/16 03:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/17/16 03:48	1
Trichloroethene	ND		1.0	0.46	ug/L			11/17/16 03:48	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/17/16 03:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/17/16 03:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/17/16 03:48	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-17 D 1116

Lab Sample ID: 480-109269-14

Date Collected: 11/07/16 12:45

Matrix: Ground Water

Date Received: 11/08/16 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		11/17/16 03:48	1
4-Bromofluorobenzene (Surr)	100		73 - 120		11/17/16 03:48	1
Toluene-d8 (Surr)	106		80 - 120		11/17/16 03:48	1
Dibromofluoromethane (Surr)	108		75 - 123		11/17/16 03:48	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		11/09/16 14:23	11/15/16 15:00	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		11/09/16 14:23	11/15/16 15:00	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		11/09/16 14:23	11/15/16 15:00	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/09/16 14:23	11/15/16 15:00	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		11/09/16 14:23	11/15/16 15:00	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		11/09/16 14:23	11/15/16 15:00	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		11/09/16 14:23	11/15/16 15:00	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		11/09/16 14:23	11/15/16 15:00	1
2-Chlorophenol	ND		4.6	0.49	ug/L		11/09/16 14:23	11/15/16 15:00	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		11/09/16 14:23	11/15/16 15:00	1
2-Methylphenol	ND		4.6	0.37	ug/L		11/09/16 14:23	11/15/16 15:00	1
2-Nitroaniline	ND		9.3	0.39	ug/L		11/09/16 14:23	11/15/16 15:00	1
2-Nitrophenol	ND		4.6	0.44	ug/L		11/09/16 14:23	11/15/16 15:00	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		11/09/16 14:23	11/15/16 15:00	1
3-Nitroaniline	ND		9.3	0.44	ug/L		11/09/16 14:23	11/15/16 15:00	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		11/09/16 14:23	11/15/16 15:00	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		11/09/16 14:23	11/15/16 15:00	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		11/09/16 14:23	11/15/16 15:00	1
4-Chloroaniline	ND		4.6	0.55	ug/L		11/09/16 14:23	11/15/16 15:00	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		11/09/16 14:23	11/15/16 15:00	1
4-Methylphenol	ND		9.3	0.33	ug/L		11/09/16 14:23	11/15/16 15:00	1
4-Nitroaniline	ND		9.3	0.23	ug/L		11/09/16 14:23	11/15/16 15:00	1
4-Nitrophenol	ND		9.3	1.4	ug/L		11/09/16 14:23	11/15/16 15:00	1
Acenaphthene	ND		4.6	0.38	ug/L		11/09/16 14:23	11/15/16 15:00	1
Acenaphthylene	ND		4.6	0.35	ug/L		11/09/16 14:23	11/15/16 15:00	1
Acetophenone	ND		4.6	0.50	ug/L		11/09/16 14:23	11/15/16 15:00	1
Aniline	ND		9.3	0.56	ug/L		11/09/16 14:23	11/15/16 15:00	1
Anthracene	ND		4.6	0.26	ug/L		11/09/16 14:23	11/15/16 15:00	1
Atrazine	ND		4.6	0.43	ug/L		11/09/16 14:23	11/15/16 15:00	1
Benzaldehyde	ND		4.6	0.25	ug/L		11/09/16 14:23	11/15/16 15:00	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		11/09/16 14:23	11/15/16 15:00	1
Benzo(a)pyrene	ND		4.6	0.44	ug/L		11/09/16 14:23	11/15/16 15:00	1
Benzo(b)fluoranthene	ND		4.6	0.31	ug/L		11/09/16 14:23	11/15/16 15:00	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		11/09/16 14:23	11/15/16 15:00	1
Benzo(k)fluoranthene	ND		4.6	0.68	ug/L		11/09/16 14:23	11/15/16 15:00	1
Biphenyl	ND		4.6	0.60	ug/L		11/09/16 14:23	11/15/16 15:00	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		11/09/16 14:23	11/15/16 15:00	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		11/09/16 14:23	11/15/16 15:00	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		11/09/16 14:23	11/15/16 15:00	1
Bis(2-ethylhexyl) phthalate	3.3	J	4.6	2.0	ug/L		11/09/16 14:23	11/15/16 15:00	1
Butyl benzyl phthalate	ND		4.6	0.93	ug/L		11/09/16 14:23	11/15/16 15:00	1
Caprolactam	ND		4.6	2.0	ug/L		11/09/16 14:23	11/15/16 15:00	1
Carbazole	ND		4.6	0.28	ug/L		11/09/16 14:23	11/15/16 15:00	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-17 D 1116

Lab Sample ID: 480-109269-14

Date Collected: 11/07/16 12:45

Matrix: Ground Water

Date Received: 11/08/16 16:00

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		11/09/16 14:23	11/15/16 15:00	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		11/09/16 14:23	11/15/16 15:00	1
Dibenzofuran	ND		9.3	0.47	ug/L		11/09/16 14:23	11/15/16 15:00	1
Diethyl phthalate	ND		4.6	0.20	ug/L		11/09/16 14:23	11/15/16 15:00	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		11/09/16 14:23	11/15/16 15:00	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		11/09/16 14:23	11/15/16 15:00	1
Di-n-octyl phthalate	ND		4.6	0.44	ug/L		11/09/16 14:23	11/15/16 15:00	1
Fluoranthene	ND		4.6	0.37	ug/L		11/09/16 14:23	11/15/16 15:00	1
Fluorene	ND		4.6	0.33	ug/L		11/09/16 14:23	11/15/16 15:00	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		11/09/16 14:23	11/15/16 15:00	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		11/09/16 14:23	11/15/16 15:00	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		11/09/16 14:23	11/15/16 15:00	1
Hexachloroethane	ND		4.6	0.55	ug/L		11/09/16 14:23	11/15/16 15:00	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.44	ug/L		11/09/16 14:23	11/15/16 15:00	1
Isophorone	ND		4.6	0.40	ug/L		11/09/16 14:23	11/15/16 15:00	1
Naphthalene	ND		4.6	0.70	ug/L		11/09/16 14:23	11/15/16 15:00	1
Nitrobenzene	ND		4.6	0.27	ug/L		11/09/16 14:23	11/15/16 15:00	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		11/09/16 14:23	11/15/16 15:00	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		11/09/16 14:23	11/15/16 15:00	1
Pentachlorophenol	ND		9.3	2.0	ug/L		11/09/16 14:23	11/15/16 15:00	1
Phenanthrene	ND		4.6	0.41	ug/L		11/09/16 14:23	11/15/16 15:00	1
Phenol	ND		4.6	0.36	ug/L		11/09/16 14:23	11/15/16 15:00	1
Pyrene	ND		4.6	0.31	ug/L		11/09/16 14:23	11/15/16 15:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	71		52 - 132	11/09/16 14:23	11/15/16 15:00	1
2-Fluorobiphenyl	83		48 - 120	11/09/16 14:23	11/15/16 15:00	1
2-Fluorophenol	59		20 - 120	11/09/16 14:23	11/15/16 15:00	1
Nitrobenzene-d5	82		46 - 120	11/09/16 14:23	11/15/16 15:00	1
Phenol-d5	45		16 - 120	11/09/16 14:23	11/15/16 15:00	1
p-Terphenyl-d14	93		67 - 150	11/09/16 14:23	11/15/16 15:00	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/09/16 13:55	11/11/16 05:30	1
Antimony	ND		0.020	0.0068	mg/L		11/09/16 13:55	11/11/16 05:30	1
Arsenic	ND		0.015	0.0056	mg/L		11/09/16 13:55	11/11/16 05:30	1
Barium	0.039		0.0020	0.00070	mg/L		11/09/16 13:55	11/11/16 05:30	1
Beryllium	ND		0.0020	0.00030	mg/L		11/09/16 13:55	11/11/16 05:30	1
Cadmium	ND		0.0020	0.00050	mg/L		11/09/16 13:55	11/11/16 05:30	1
Calcium	199		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 05:30	1
Chromium	0.0082		0.0040	0.0010	mg/L		11/09/16 13:55	11/11/16 05:30	1
Cobalt	ND		0.0040	0.00063	mg/L		11/09/16 13:55	11/11/16 05:30	1
Copper	ND		0.010	0.0016	mg/L		11/09/16 13:55	11/11/16 05:30	1
Iron	0.063		0.050	0.019	mg/L		11/09/16 13:55	11/11/16 05:30	1
Lead	ND		0.010	0.0030	mg/L		11/09/16 13:55	11/11/16 05:30	1
Magnesium	40.0		0.20	0.043	mg/L		11/09/16 13:55	11/11/16 05:30	1
Manganese	0.0050	B	0.0030	0.00040	mg/L		11/09/16 13:55	11/11/16 05:30	1
Nickel	0.0049	J	0.010	0.0013	mg/L		11/09/16 13:55	11/11/16 05:30	1
Potassium	1.8		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 05:30	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-17 D 1116

Lab Sample ID: 480-109269-14

Date Collected: 11/07/16 12:45

Matrix: Ground Water

Date Received: 11/08/16 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/09/16 13:55	11/11/16 05:30	1
Silver	ND		0.0060	0.0017	mg/L		11/09/16 13:55	11/11/16 05:30	1
Sodium	20.3		1.0	0.32	mg/L		11/09/16 13:55	11/11/16 05:30	1
Thallium	ND		0.020	0.010	mg/L		11/09/16 13:55	11/11/16 05:30	1
Vanadium	ND		0.0050	0.0015	mg/L		11/09/16 13:55	11/11/16 05:30	1
Zinc	0.0048	J	0.010	0.0015	mg/L		11/09/16 13:55	11/11/16 05:30	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/11/16 10:40	11/11/16 15:35	1

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-109269-15

Date Collected: 11/08/16 00:00

Matrix: Water

Date Received: 11/08/16 16:00

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			11/17/16 04:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/17/16 04:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/17/16 04:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/17/16 04:15	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/17/16 04:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/17/16 04:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/17/16 04:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/17/16 04:15	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/17/16 04:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/17/16 04:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/17/16 04:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/17/16 04:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/17/16 04:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/17/16 04:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/17/16 04:15	1
2-Hexanone	ND		5.0	1.2	ug/L			11/17/16 04:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/17/16 04:15	1
Acetone	ND		10	3.0	ug/L			11/17/16 04:15	1
Benzene	ND		1.0	0.41	ug/L			11/17/16 04:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/17/16 04:15	1
Bromoform	ND		1.0	0.26	ug/L			11/17/16 04:15	1
Bromomethane	ND		1.0	0.69	ug/L			11/17/16 04:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/17/16 04:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/17/16 04:15	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/17/16 04:15	1
Chloroethane	ND		1.0	0.32	ug/L			11/17/16 04:15	1
Chloroform	ND		1.0	0.34	ug/L			11/17/16 04:15	1
Chloromethane	ND	*	1.0	0.35	ug/L			11/17/16 04:15	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/17/16 04:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/17/16 04:15	1
Cyclohexane	ND		1.0	0.18	ug/L			11/17/16 04:15	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/17/16 04:15	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/17/16 04:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/17/16 04:15	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/17/16 04:15	1
Methyl acetate	ND		2.5	1.3	ug/L			11/17/16 04:15	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/17/16 04:15	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/17/16 04:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/17/16 04:15	1
Styrene	ND		1.0	0.73	ug/L			11/17/16 04:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/17/16 04:15	1
Toluene	ND		1.0	0.51	ug/L			11/17/16 04:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/17/16 04:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/17/16 04:15	1
Trichloroethene	ND		1.0	0.46	ug/L			11/17/16 04:15	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/17/16 04:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/17/16 04:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/17/16 04:15	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-109269-15

Date Collected: 11/08/16 00:00

Matrix: Water

Date Received: 11/08/16 16:00

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		11/17/16 04:15	1
4-Bromofluorobenzene (Surr)	100		73 - 120		11/17/16 04:15	1
Toluene-d8 (Surr)	106		80 - 120		11/17/16 04:15	1
Dibromofluoromethane (Surr)	108		75 - 123		11/17/16 04:15	1

Surrogate Summary

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

TestAmerica Job ID: 480-109269-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-109269-1	BCC Area E R-10 1116	99	102	104	107
480-109269-2	BCC Area E R-11 1116	98	99	107	106
480-109269-3	BCC Area E RFI-17 1116	100	98	104	106
480-109269-3 MS	BCC Area E RFI-17 MS 1116	104	109	106	110
480-109269-3 MSD	BCC Area E RFI-17 MSD 1116	101	114	108	110
480-109269-4	BCC Area E RFI-29 1116	101	99	105	107
480-109269-5	BCC Area E RFI-32 1116	102	100	106	106
480-109269-6	BCC Area E RFI-33 1116	101	102	105	109
480-109269-7	BCC Area E RFI-51 1116	100	103	105	110
480-109269-8	BCC Area E RFI-PZ-16 1116	101	102	106	108
480-109269-9	BCC Area E MW-E03 1116	99	98	106	104
480-109269-10	BCC Area E MW-E04 1116	106	101	106	110
480-109269-11	BCC Area E MW-E05 1116	102	101	107	107
480-109269-12	BCC Area E MW-E06 1116	106	99	107	108
480-109269-13	BCC Area E MW-E07 1116	101	98	106	109
480-109269-14	BCC Area E RFI-17 D 1116	103	100	106	108

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-109269-15	TRIP BLANK	103	100	106	108
LCS 480-331878/4	Lab Control Sample	100	114	106	109
LCS 480-332061/4	Lab Control Sample	101	117	109	111
MB 480-331878/6	Method Blank	103	107	107	111
MB 480-332061/6	Method Blank	101	107	105	109

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-109269-1	BCC Area E R-10 1116	83	76	58	73	44	83
480-109269-2	BCC Area E R-11 1116	97	98	57	79	41	87
480-109269-3	BCC Area E RFI-17 1116	68	80	58	77	45	88

TestAmerica Buffalo

Surrogate Summary

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

TestAmerica Job ID: 480-109269-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-109269-3 MS	BCC Area E RFI-17 MS 1116	90	90	69	87	55	76
480-109269-3 MSD	BCC Area E RFI-17 MSD 1116	79	77	60	76	48	70
480-109269-4	BCC Area E RFI-29 1116	99	93	53	76	38	101
480-109269-5	BCC Area E RFI-32 1116	98	92	57	75	41	91
480-109269-6	BCC Area E RFI-33 1116	92	91	52	75	37	89
480-109269-7	BCC Area E RFI-51 1116	86	86	50	71	36	79
480-109269-8	BCC Area E RFI-PZ-16 1116	96	91	51	74	37	72
480-109269-9	BCC Area E MW-E03 1116	100	97	57	78	41	99
480-109269-10	BCC Area E MW-E04 1116	84	82	60	83	45	87
480-109269-11	BCC Area E MW-E05 1116	83	83	52	67	38	88
480-109269-12	BCC Area E MW-E06 1116	103	100	60	80	43	97
480-109269-13	BCC Area E MW-E07 1116	82	78	46	62	34	73
480-109269-14	BCC Area E RFI-17 D 1116	71	83	59	82	45	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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
LCS 480-330672/2-A	Lab Control Sample	86	87	56	69	43	95
LCS 480-331376/2-A	Lab Control Sample	92	90	76	90	58	99
MB 480-330672/1-A	Method Blank	75	89	68	76	53	103
MB 480-331376/1-A	Method Blank	65	83	62	83	48	98

Surrogate Legend

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

QC Sample Results

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

TestAmerica Job ID: 480-109269-1

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

Lab Sample ID: MB 480-331878/6

Matrix: Water

Analysis Batch: 331878

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			11/16/16 11:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/16/16 11:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/16/16 11:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/16/16 11:08	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/16/16 11:08	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/16/16 11:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/16/16 11:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/16/16 11:08	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/16/16 11:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/16/16 11:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/16/16 11:08	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/16/16 11:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/16/16 11:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/16/16 11:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/16/16 11:08	1
2-Hexanone	ND		5.0	1.2	ug/L			11/16/16 11:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/16/16 11:08	1
Acetone	ND		10	3.0	ug/L			11/16/16 11:08	1
Benzene	ND		1.0	0.41	ug/L			11/16/16 11:08	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/16/16 11:08	1
Bromoform	ND		1.0	0.26	ug/L			11/16/16 11:08	1
Bromomethane	ND		1.0	0.69	ug/L			11/16/16 11:08	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/16/16 11:08	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/16/16 11:08	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/16/16 11:08	1
Chloroethane	ND		1.0	0.32	ug/L			11/16/16 11:08	1
Chloroform	ND		1.0	0.34	ug/L			11/16/16 11:08	1
Chloromethane	ND		1.0	0.35	ug/L			11/16/16 11:08	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/16/16 11:08	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/16/16 11:08	1
Cyclohexane	ND		1.0	0.18	ug/L			11/16/16 11:08	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/16/16 11:08	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/16/16 11:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/16/16 11:08	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/16/16 11:08	1
Methyl acetate	ND		2.5	1.3	ug/L			11/16/16 11:08	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/16/16 11:08	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/16/16 11:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/16/16 11:08	1
Styrene	ND		1.0	0.73	ug/L			11/16/16 11:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/16/16 11:08	1
Toluene	ND		1.0	0.51	ug/L			11/16/16 11:08	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/16/16 11:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/16/16 11:08	1
Trichloroethene	ND		1.0	0.46	ug/L			11/16/16 11:08	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/16/16 11:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/16/16 11:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/16/16 11:08	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-109269-1

<i>Surrogate</i>	<i>MB</i> <i>%Recovery</i>	<i>MB</i> <i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		11/16/16 11:08	1
4-Bromofluorobenzene (Surr)	107		73 - 120		11/16/16 11:08	1
Toluene-d8 (Surr)	107		80 - 120		11/16/16 11:08	1
Dibromofluoromethane (Surr)	111		75 - 123		11/16/16 11:08	1

Lab Sample ID: LCS 480-331878/4

Matrix: Water

Analysis Batch: 331878

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

<i>Analyte</i>	<i>Spike</i> <i>Added</i>	<i>LCS</i> <i>Result</i>	<i>LCS</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>
1,1,1-Trichloroethane	25.0	26.0		ug/L		104	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	26.6		ug/L		107	61 - 148
1,1,2-Trichloroethane	25.0	25.4		ug/L		102	76 - 122
1,1-Dichloroethane	25.0	24.9		ug/L		99	77 - 120
1,1-Dichloroethene	25.0	26.9		ug/L		108	66 - 127
1,2,4-Trichlorobenzene	25.0	24.6		ug/L		98	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.0		ug/L		88	56 - 134
1,2-Dibromoethane	25.0	26.7		ug/L		107	77 - 120
1,2-Dichlorobenzene	25.0	24.5		ug/L		98	80 - 124
1,2-Dichloroethane	25.0	24.6		ug/L		98	75 - 120
1,2-Dichloropropane	25.0	24.9		ug/L		100	76 - 120
1,3-Dichlorobenzene	25.0	24.3		ug/L		97	77 - 120
1,4-Dichlorobenzene	25.0	24.6		ug/L		98	80 - 120
2-Butanone (MEK)	125	131		ug/L		105	57 - 140
2-Hexanone	125	137		ug/L		109	65 - 127
4-Methyl-2-pentanone (MIBK)	125	131		ug/L		105	71 - 125
Acetone	125	145		ug/L		116	56 - 142
Benzene	25.0	26.1		ug/L		104	71 - 124
Bromodichloromethane	25.0	25.8		ug/L		103	80 - 122
Bromoform	25.0	27.1		ug/L		108	61 - 132
Bromomethane	25.0	33.1		ug/L		132	55 - 144
Carbon disulfide	25.0	24.5		ug/L		98	59 - 134
Carbon tetrachloride	25.0	25.3		ug/L		101	72 - 134
Chlorobenzene	25.0	26.6		ug/L		107	80 - 120
Chloroethane	25.0	31.3		ug/L		125	69 - 136
Chloroform	25.0	25.2		ug/L		101	73 - 127
Chloromethane	25.0	31.9	*	ug/L		128	68 - 124
cis-1,2-Dichloroethene	25.0	26.8		ug/L		107	74 - 124
cis-1,3-Dichloropropene	25.0	25.9		ug/L		104	74 - 124
Cyclohexane	25.0	24.2		ug/L		97	59 - 135
Dibromochloromethane	25.0	26.6		ug/L		106	75 - 125
Dichlorodifluoromethane	25.0	25.3		ug/L		101	59 - 135
Ethylbenzene	25.0	26.4		ug/L		106	77 - 123
Isopropylbenzene	25.0	24.0		ug/L		96	77 - 122
Methyl acetate	125	124		ug/L		99	74 - 133
Methyl tert-butyl ether	25.0	25.1		ug/L		100	77 - 120
Methylcyclohexane	25.0	25.5		ug/L		102	68 - 134
Methylene Chloride	25.0	26.2		ug/L		105	75 - 124
Styrene	25.0	26.6		ug/L		106	80 - 120
Tetrachloroethene	25.0	27.4		ug/L		110	74 - 122
Toluene	25.0	26.8		ug/L		107	80 - 122
trans-1,2-Dichloroethene	25.0	27.5		ug/L		110	73 - 127

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-109269-1

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

Lab Sample ID: LCS 480-331878/4

Matrix: Water

Analysis Batch: 331878

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	25.8		ug/L		103	80 - 120
Trichloroethene	25.0	26.1		ug/L		104	74 - 123
Trichlorofluoromethane	25.0	27.8		ug/L		111	62 - 150
Vinyl chloride	25.0	33.3		ug/L		133	65 - 133
Xylenes, Total	50.0	54.3		ug/L		109	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		77 - 120
4-Bromofluorobenzene (Surr)	114		73 - 120
Toluene-d8 (Surr)	106		80 - 120
Dibromofluoromethane (Surr)	109		75 - 123

Lab Sample ID: 480-109269-3 MS

Matrix: Ground Water

Analysis Batch: 331878

Client Sample ID: BCC Area E RFI-17 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		25.0	27.1		ug/L		108	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	23.9		ug/L		96	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	26.3		ug/L		105	61 - 148
1,1,2-Trichloroethane	ND		25.0	26.2		ug/L		105	76 - 122
1,1-Dichloroethane	ND		25.0	27.3		ug/L		109	77 - 120
1,1-Dichloroethene	ND		25.0	29.6		ug/L		118	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	22.8		ug/L		91	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	21.7		ug/L		87	56 - 134
1,2-Dibromoethane	ND		25.0	26.4		ug/L		106	77 - 120
1,2-Dichlorobenzene	ND		25.0	23.8		ug/L		95	80 - 124
1,2-Dichloroethane	ND		25.0	24.3		ug/L		97	75 - 120
1,2-Dichloropropane	ND		25.0	25.3		ug/L		101	76 - 120
1,3-Dichlorobenzene	ND		25.0	23.8		ug/L		95	77 - 120
1,4-Dichlorobenzene	ND		25.0	23.6		ug/L		94	78 - 124
2-Butanone (MEK)	ND		125	124		ug/L		99	57 - 140
2-Hexanone	ND		125	129		ug/L		103	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	124		ug/L		99	71 - 125
Acetone	ND		125	133		ug/L		106	56 - 142
Benzene	ND		25.0	27.5		ug/L		110	71 - 124
Bromodichloromethane	ND		25.0	26.7		ug/L		107	80 - 122
Bromoform	ND		25.0	26.0		ug/L		104	61 - 132
Bromomethane	ND	F1	25.0	41.7	F1	ug/L		167	55 - 144
Carbon disulfide	ND	F1	25.0	32.6		ug/L		130	59 - 134
Carbon tetrachloride	ND		25.0	26.9		ug/L		107	72 - 134
Chlorobenzene	ND		25.0	27.2		ug/L		109	80 - 120
Chloroethane	ND	F1	25.0	38.8	F1	ug/L		155	69 - 136
Chloroform	ND		25.0	25.7		ug/L		103	73 - 127
Chloromethane	ND	F1 *	25.0	40.2	F1	ug/L		161	68 - 124
cis-1,2-Dichloroethene	ND		25.0	28.2		ug/L		113	74 - 124
cis-1,3-Dichloropropene	ND		25.0	25.5		ug/L		102	74 - 124

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-109269-1

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

Lab Sample ID: 480-109269-3 MS

Matrix: Ground Water

Analysis Batch: 331878

Client Sample ID: BCC Area E RFI-17 MS 1116

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyclohexane	ND		25.0	23.0		ug/L		92	59 - 135
Dibromochloromethane	ND		25.0	26.4		ug/L		106	75 - 125
Dichlorodifluoromethane	ND		25.0	25.9		ug/L		103	59 - 135
Ethylbenzene	ND		25.0	26.7		ug/L		107	77 - 123
Isopropylbenzene	ND		25.0	23.1		ug/L		93	77 - 122
Methyl acetate	ND		125	119		ug/L		95	74 - 133
Methyl tert-butyl ether	ND		25.0	25.4		ug/L		102	77 - 120
Methylcyclohexane	ND		25.0	24.1		ug/L		96	68 - 134
Methylene Chloride	ND		25.0	27.5		ug/L		110	75 - 124
Styrene	ND		25.0	26.7		ug/L		107	80 - 120
Tetrachloroethene	ND	F1	25.0	28.2		ug/L		113	74 - 122
Toluene	ND		25.0	26.8		ug/L		107	80 - 122
trans-1,2-Dichloroethene	ND		25.0	30.1		ug/L		120	73 - 127
trans-1,3-Dichloropropene	ND		25.0	24.3		ug/L		97	80 - 120
Trichloroethene	ND		25.0	26.7		ug/L		107	74 - 123
Trichlorofluoromethane	ND		25.0	32.9		ug/L		132	62 - 150
Vinyl chloride	ND	F1	25.0	41.6	F1	ug/L		166	65 - 133
Xylenes, Total	ND		50.0	54.5		ug/L		109	76 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		77 - 120
4-Bromofluorobenzene (Surr)	109		73 - 120
Toluene-d8 (Surr)	106		80 - 120
Dibromofluoromethane (Surr)	110		75 - 123

Lab Sample ID: 480-109269-3 MSD

Matrix: Ground Water

Analysis Batch: 331878

Client Sample ID: BCC Area E RFI-17 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		25.0	29.6		ug/L		118	73 - 126	9	15
1,1,2,2-Tetrachloroethane	ND		25.0	26.1		ug/L		104	76 - 120	9	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	27.9		ug/L		111	61 - 148	6	20
1,1,2-Trichloroethane	ND		25.0	27.7		ug/L		111	76 - 122	5	15
1,1-Dichloroethane	ND		25.0	28.8		ug/L		115	77 - 120	5	20
1,1-Dichloroethene	ND		25.0	31.2		ug/L		125	66 - 127	5	16
1,2,4-Trichlorobenzene	ND		25.0	25.3		ug/L		101	79 - 122	10	20
1,2-Dibromo-3-Chloropropane	ND		25.0	22.9		ug/L		92	56 - 134	5	15
1,2-Dibromoethane	ND		25.0	28.3		ug/L		113	77 - 120	7	15
1,2-Dichlorobenzene	ND		25.0	25.9		ug/L		103	80 - 124	8	20
1,2-Dichloroethane	ND		25.0	25.9		ug/L		103	75 - 120	6	20
1,2-Dichloropropane	ND		25.0	27.7		ug/L		111	76 - 120	9	20
1,3-Dichlorobenzene	ND		25.0	25.8		ug/L		103	77 - 120	8	20
1,4-Dichlorobenzene	ND		25.0	26.0		ug/L		104	78 - 124	10	20
2-Butanone (MEK)	ND		125	130		ug/L		104	57 - 140	5	20
2-Hexanone	ND		125	137		ug/L		110	65 - 127	6	15
4-Methyl-2-pentanone (MIBK)	ND		125	135		ug/L		108	71 - 125	8	35

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-109269-1

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

Lab Sample ID: 480-109269-3 MSD

Matrix: Ground Water

Analysis Batch: 331878

Client Sample ID: BCC Area E RFI-17 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
Acetone	ND		125	139		ug/L		111	56 - 142	4	15
Benzene	ND		25.0	28.9		ug/L		116	71 - 124	5	13
Bromodichloromethane	ND		25.0	29.0		ug/L		116	80 - 122	8	15
Bromoform	ND		25.0	27.7		ug/L		111	61 - 132	6	15
Bromomethane	ND	F1	25.0	40.7	F1	ug/L		163	55 - 144	2	15
Carbon disulfide	ND	F1	25.0	34.8	F1	ug/L		139	59 - 134	6	15
Carbon tetrachloride	ND		25.0	29.0		ug/L		116	72 - 134	8	15
Chlorobenzene	ND		25.0	29.1		ug/L		116	80 - 120	7	25
Chloroethane	ND	F1	25.0	37.9	F1	ug/L		152	69 - 136	2	15
Chloroform	ND		25.0	27.2		ug/L		109	73 - 127	6	20
Chloromethane	ND	F1 *	25.0	39.8	F1	ug/L		159	68 - 124	1	15
cis-1,2-Dichloroethene	ND		25.0	30.3		ug/L		121	74 - 124	7	15
cis-1,3-Dichloropropene	ND		25.0	27.5		ug/L		110	74 - 124	8	15
Cyclohexane	ND		25.0	24.5		ug/L		98	59 - 135	6	20
Dibromochloromethane	ND		25.0	28.0		ug/L		112	75 - 125	6	15
Dichlorodifluoromethane	ND		25.0	25.2		ug/L		101	59 - 135	3	20
Ethylbenzene	ND		25.0	29.2		ug/L		117	77 - 123	9	15
Isopropylbenzene	ND		25.0	26.3		ug/L		105	77 - 122	13	20
Methyl acetate	ND		125	125		ug/L		100	74 - 133	5	20
Methyl tert-butyl ether	ND		25.0	27.2		ug/L		109	77 - 120	7	37
Methylcyclohexane	ND		25.0	26.0		ug/L		104	68 - 134	8	20
Methylene Chloride	ND		25.0	29.1		ug/L		116	75 - 124	5	15
Styrene	ND		25.0	28.7		ug/L		115	80 - 120	7	20
Tetrachloroethene	ND	F1	25.0	31.1	F1	ug/L		124	74 - 122	10	20
Toluene	ND		25.0	29.0		ug/L		116	80 - 122	8	15
trans-1,2-Dichloroethene	ND		25.0	31.7		ug/L		127	73 - 127	5	20
trans-1,3-Dichloropropene	ND		25.0	25.8		ug/L		103	80 - 120	6	15
Trichloroethene	ND		25.0	28.9		ug/L		115	74 - 123	8	16
Trichlorofluoromethane	ND		25.0	31.1		ug/L		124	62 - 150	6	20
Vinyl chloride	ND	F1	25.0	41.5	F1	ug/L		166	65 - 133	0	15
Xylenes, Total	ND		50.0	60.0		ug/L		120	76 - 122	10	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		77 - 120
4-Bromofluorobenzene (Surr)	114		73 - 120
Toluene-d8 (Surr)	108		80 - 120
Dibromofluoromethane (Surr)	110		75 - 123

Lab Sample ID: MB 480-332061/6

Matrix: Water

Analysis Batch: 332061

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			11/16/16 22:32	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/16/16 22:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/16/16 22:32	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/16/16 22:32	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/16/16 22:32	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-109269-1

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

Lab Sample ID: MB 480-332061/6

Matrix: Water

Analysis Batch: 332061

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			11/16/16 22:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/16/16 22:32	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/16/16 22:32	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/16/16 22:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/16/16 22:32	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/16/16 22:32	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/16/16 22:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/16/16 22:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/16/16 22:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/16/16 22:32	1
2-Hexanone	ND		5.0	1.2	ug/L			11/16/16 22:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/16/16 22:32	1
Acetone	ND		10	3.0	ug/L			11/16/16 22:32	1
Benzene	ND		1.0	0.41	ug/L			11/16/16 22:32	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/16/16 22:32	1
Bromoform	ND		1.0	0.26	ug/L			11/16/16 22:32	1
Bromomethane	ND		1.0	0.69	ug/L			11/16/16 22:32	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/16/16 22:32	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/16/16 22:32	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/16/16 22:32	1
Chloroethane	ND		1.0	0.32	ug/L			11/16/16 22:32	1
Chloroform	ND		1.0	0.34	ug/L			11/16/16 22:32	1
Chloromethane	ND		1.0	0.35	ug/L			11/16/16 22:32	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/16/16 22:32	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/16/16 22:32	1
Cyclohexane	ND		1.0	0.18	ug/L			11/16/16 22:32	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/16/16 22:32	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/16/16 22:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/16/16 22:32	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/16/16 22:32	1
Methyl acetate	ND		2.5	1.3	ug/L			11/16/16 22:32	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/16/16 22:32	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/16/16 22:32	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/16/16 22:32	1
Styrene	ND		1.0	0.73	ug/L			11/16/16 22:32	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/16/16 22:32	1
Toluene	ND		1.0	0.51	ug/L			11/16/16 22:32	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/16/16 22:32	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/16/16 22:32	1
Trichloroethene	ND		1.0	0.46	ug/L			11/16/16 22:32	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/16/16 22:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/16/16 22:32	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/16/16 22:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		11/16/16 22:32	1
4-Bromofluorobenzene (Surr)	107		73 - 120		11/16/16 22:32	1
Toluene-d8 (Surr)	105		80 - 120		11/16/16 22:32	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-109269-1

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

Lab Sample ID: MB 480-332061/6

Matrix: Water

Analysis Batch: 332061

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	109		75 - 123		11/16/16 22:32	1

Lab Sample ID: LCS 480-332061/4

Matrix: Water

Analysis Batch: 332061

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	26.0		ug/L		104	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.6		ug/L		95	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.5		ug/L		102	61 - 148
1,1,2-Trichloroethane	25.0	25.9		ug/L		103	76 - 122
1,1-Dichloroethane	25.0	26.2		ug/L		105	77 - 120
1,1-Dichloroethene	25.0	27.3		ug/L		109	66 - 127
1,2,4-Trichlorobenzene	25.0	24.0		ug/L		96	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	21.5		ug/L		86	56 - 134
1,2-Dibromoethane	25.0	26.4		ug/L		106	77 - 120
1,2-Dichlorobenzene	25.0	24.3		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	24.7		ug/L		99	75 - 120
1,2-Dichloropropane	25.0	26.2		ug/L		105	76 - 120
1,3-Dichlorobenzene	25.0	24.3		ug/L		97	77 - 120
1,4-Dichlorobenzene	25.0	24.1		ug/L		96	80 - 120
2-Butanone (MEK)	125	131		ug/L		104	57 - 140
2-Hexanone	125	134		ug/L		107	65 - 127
4-Methyl-2-pentanone (MIBK)	125	130		ug/L		104	71 - 125
Acetone	125	142		ug/L		114	56 - 142
Benzene	25.0	26.3		ug/L		105	71 - 124
Bromodichloromethane	25.0	27.2		ug/L		109	80 - 122
Bromoform	25.0	26.6		ug/L		107	61 - 132
Bromomethane	25.0	35.8		ug/L		143	55 - 144
Carbon disulfide	25.0	24.5		ug/L		98	59 - 134
Carbon tetrachloride	25.0	24.7		ug/L		99	72 - 134
Chlorobenzene	25.0	27.1		ug/L		108	80 - 120
Chloroethane	25.0	31.2		ug/L		125	69 - 136
Chloroform	25.0	25.5		ug/L		102	73 - 127
Chloromethane	25.0	31.7	*	ug/L		127	68 - 124
cis-1,2-Dichloroethene	25.0	27.1		ug/L		108	74 - 124
cis-1,3-Dichloropropene	25.0	26.9		ug/L		108	74 - 124
Cyclohexane	25.0	22.2		ug/L		89	59 - 135
Dibromochloromethane	25.0	26.5		ug/L		106	75 - 125
Dichlorodifluoromethane	25.0	24.0		ug/L		96	59 - 135
Ethylbenzene	25.0	26.7		ug/L		107	77 - 123
Isopropylbenzene	25.0	23.1		ug/L		92	77 - 122
Methyl acetate	125	125		ug/L		100	74 - 133
Methyl tert-butyl ether	25.0	25.6		ug/L		102	77 - 120
Methylcyclohexane	25.0	24.5		ug/L		98	68 - 134
Methylene Chloride	25.0	26.6		ug/L		106	75 - 124
Styrene	25.0	27.1		ug/L		109	80 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-109269-1

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

Lab Sample ID: LCS 480-332061/4

Matrix: Water

Analysis Batch: 332061

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	27.3		ug/L		109	74 - 122
Toluene	25.0	26.8		ug/L		107	80 - 122
trans-1,2-Dichloroethene	25.0	28.3		ug/L		113	73 - 127
trans-1,3-Dichloropropene	25.0	25.8		ug/L		103	80 - 120
Trichloroethene	25.0	27.1		ug/L		109	74 - 123
Trichlorofluoromethane	25.0	25.1		ug/L		101	62 - 150
Vinyl chloride	25.0	30.3		ug/L		121	65 - 133
Xylenes, Total	50.0	54.8		ug/L		110	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		77 - 120
4-Bromofluorobenzene (Surr)	117		73 - 120
Toluene-d8 (Surr)	109		80 - 120
Dibromofluoromethane (Surr)	111		75 - 123

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

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

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-109269-1

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
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
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

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-109269-1

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
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

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-109269-1

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
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

Lab Sample ID: MB 480-331376/1-A

Matrix: Water

Analysis Batch: 331737

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 331376

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/14/16 07:29	11/15/16 19:17	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/14/16 07:29	11/15/16 19:17	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/14/16 07:29	11/15/16 19:17	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/14/16 07:29	11/15/16 19:17	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/14/16 07:29	11/15/16 19:17	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/14/16 07:29	11/15/16 19:17	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/14/16 07:29	11/15/16 19:17	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/14/16 07:29	11/15/16 19:17	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/14/16 07:29	11/15/16 19:17	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/14/16 07:29	11/15/16 19:17	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/14/16 07:29	11/15/16 19:17	1
2-Nitroaniline	ND		10	0.42	ug/L		11/14/16 07:29	11/15/16 19:17	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/14/16 07:29	11/15/16 19:17	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/14/16 07:29	11/15/16 19:17	1
3-Nitroaniline	ND		10	0.48	ug/L		11/14/16 07:29	11/15/16 19:17	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/14/16 07:29	11/15/16 19:17	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/14/16 07:29	11/15/16 19:17	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/14/16 07:29	11/15/16 19:17	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-109269-1

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

Lab Sample ID: MB 480-331376/1-A

Matrix: Water

Analysis Batch: 331737

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 331376

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	ND		5.0	0.59	ug/L		11/14/16 07:29	11/15/16 19:17	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/14/16 07:29	11/15/16 19:17	1
4-Methylphenol	ND		10	0.36	ug/L		11/14/16 07:29	11/15/16 19:17	1
4-Nitroaniline	ND		10	0.25	ug/L		11/14/16 07:29	11/15/16 19:17	1
4-Nitrophenol	ND		10	1.5	ug/L		11/14/16 07:29	11/15/16 19:17	1
Acenaphthene	ND		5.0	0.41	ug/L		11/14/16 07:29	11/15/16 19:17	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/14/16 07:29	11/15/16 19:17	1
Acetophenone	ND		5.0	0.54	ug/L		11/14/16 07:29	11/15/16 19:17	1
Aniline	ND		10	0.61	ug/L		11/14/16 07:29	11/15/16 19:17	1
Anthracene	ND		5.0	0.28	ug/L		11/14/16 07:29	11/15/16 19:17	1
Atrazine	ND		5.0	0.46	ug/L		11/14/16 07:29	11/15/16 19:17	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/14/16 07:29	11/15/16 19:17	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/14/16 07:29	11/15/16 19:17	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/14/16 07:29	11/15/16 19:17	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/14/16 07:29	11/15/16 19:17	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/14/16 07:29	11/15/16 19:17	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/14/16 07:29	11/15/16 19:17	1
Biphenyl	ND		5.0	0.65	ug/L		11/14/16 07:29	11/15/16 19:17	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/14/16 07:29	11/15/16 19:17	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/14/16 07:29	11/15/16 19:17	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/14/16 07:29	11/15/16 19:17	1
Bis(2-ethylhexyl) phthalate	99.3	E	5.0	2.2	ug/L		11/14/16 07:29	11/15/16 19:17	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/14/16 07:29	11/15/16 19:17	1
Caprolactam	ND		5.0	2.2	ug/L		11/14/16 07:29	11/15/16 19:17	1
Carbazole	ND		5.0	0.30	ug/L		11/14/16 07:29	11/15/16 19:17	1
Chrysene	ND		5.0	0.33	ug/L		11/14/16 07:29	11/15/16 19:17	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/14/16 07:29	11/15/16 19:17	1
Dibenzofuran	ND		10	0.51	ug/L		11/14/16 07:29	11/15/16 19:17	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/14/16 07:29	11/15/16 19:17	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/14/16 07:29	11/15/16 19:17	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/14/16 07:29	11/15/16 19:17	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/14/16 07:29	11/15/16 19:17	1
Fluoranthene	ND		5.0	0.40	ug/L		11/14/16 07:29	11/15/16 19:17	1
Fluorene	ND		5.0	0.36	ug/L		11/14/16 07:29	11/15/16 19:17	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/14/16 07:29	11/15/16 19:17	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/14/16 07:29	11/15/16 19:17	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/14/16 07:29	11/15/16 19:17	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/14/16 07:29	11/15/16 19:17	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/14/16 07:29	11/15/16 19:17	1
Isophorone	ND		5.0	0.43	ug/L		11/14/16 07:29	11/15/16 19:17	1
Naphthalene	ND		5.0	0.76	ug/L		11/14/16 07:29	11/15/16 19:17	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/14/16 07:29	11/15/16 19:17	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/14/16 07:29	11/15/16 19:17	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/14/16 07:29	11/15/16 19:17	1
Pentachlorophenol	ND		10	2.2	ug/L		11/14/16 07:29	11/15/16 19:17	1
Phenanthrene	ND		5.0	0.44	ug/L		11/14/16 07:29	11/15/16 19:17	1
Phenol	ND		5.0	0.39	ug/L		11/14/16 07:29	11/15/16 19:17	1
Pyrene	ND		5.0	0.34	ug/L		11/14/16 07:29	11/15/16 19:17	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-109269-1

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

Lab Sample ID: MB 480-331376/1-A

Matrix: Water

Analysis Batch: 331737

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 331376

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	65		52 - 132	11/14/16 07:29	11/15/16 19:17	1
2-Fluorobiphenyl	83		48 - 120	11/14/16 07:29	11/15/16 19:17	1
2-Fluorophenol	62		20 - 120	11/14/16 07:29	11/15/16 19:17	1
Nitrobenzene-d5	83		46 - 120	11/14/16 07:29	11/15/16 19:17	1
Phenol-d5	48		16 - 120	11/14/16 07:29	11/15/16 19:17	1
p-Terphenyl-d14	98		67 - 150	11/14/16 07:29	11/15/16 19:17	1

Lab Sample ID: LCS 480-331376/2-A

Matrix: Water

Analysis Batch: 331737

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 331376

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	16.0	14.8		ug/L		92	65 - 126
2,4,6-Trichlorophenol	16.0	15.4		ug/L		97	64 - 120
2,4-Dichlorophenol	16.0	14.7		ug/L		92	64 - 120
2,4-Dimethylphenol	16.0	14.6		ug/L		91	57 - 120
2,4-Dinitrophenol	32.0	23.1		ug/L		72	42 - 153
2,4-Dinitrotoluene	16.0	15.1		ug/L		95	65 - 154
2,6-Dinitrotoluene	16.0	15.8		ug/L		99	74 - 134
2-Chloronaphthalene	16.0	14.6		ug/L		91	41 - 124
2-Chlorophenol	16.0	14.3		ug/L		89	48 - 120
2-Methylnaphthalene	16.0	14.6		ug/L		91	34 - 122
2-Methylphenol	16.0	14.2		ug/L		89	39 - 120
2-Nitroaniline	16.0	16.5		ug/L		103	67 - 136
2-Nitrophenol	16.0	15.3		ug/L		96	59 - 120
3,3'-Dichlorobenzidine	32.0	38.0		ug/L		119	33 - 140
3-Nitroaniline	16.0	14.4		ug/L		90	28 - 130
4,6-Dinitro-2-methylphenol	32.0	28.9		ug/L		90	64 - 159
4-Bromophenyl phenyl ether	16.0	15.4		ug/L		96	71 - 126
4-Chloro-3-methylphenol	16.0	15.2		ug/L		95	64 - 120
4-Chloroaniline	16.0	12.2		ug/L		76	10 - 130
4-Chlorophenyl phenyl ether	16.0	15.1		ug/L		95	71 - 122
4-Methylphenol	16.0	13.9		ug/L		87	39 - 120
4-Nitroaniline	16.0	17.7		ug/L		111	47 - 130
4-Nitrophenol	32.0	26.3		ug/L		82	16 - 120
Acenaphthene	16.0	15.1		ug/L		94	60 - 120
Acenaphthylene	16.0	15.1		ug/L		94	63 - 120
Acetophenone	16.0	15.1		ug/L		95	45 - 120
Aniline	16.0	11.1		ug/L		69	37 - 120
Anthracene	16.0	15.8		ug/L		99	58 - 148
Atrazine	32.0	35.5		ug/L		111	56 - 179
Benzaldehyde	32.0	23.2		ug/L		73	30 - 140
Benzo(a)anthracene	16.0	15.7		ug/L		98	55 - 151
Benzo(a)pyrene	16.0	15.1		ug/L		95	60 - 145
Benzo(b)fluoranthene	16.0	16.3		ug/L		102	54 - 140
Benzo(g,h,i)perylene	16.0	15.7		ug/L		98	66 - 152
Benzo(k)fluoranthene	16.0	16.0		ug/L		100	51 - 153
Biphenyl	16.0	14.8		ug/L		92	30 - 140

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-109269-1

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

Lab Sample ID: LCS 480-331376/2-A

Matrix: Water

Analysis Batch: 331737

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 331376

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
bis (2-chloroisopropyl) ether	16.0	15.3		ug/L		96	28 - 136
Bis(2-chloroethoxy)methane	16.0	15.1		ug/L		94	50 - 128
Bis(2-chloroethyl)ether	16.0	14.9		ug/L		93	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	68.5	E *	ug/L		428	53 - 158
Butyl benzyl phthalate	16.0	17.5		ug/L		110	58 - 163
Caprolactam	32.0	14.4		ug/L		45	14 - 130
Carbazole	16.0	18.7		ug/L		117	59 - 148
Chrysene	16.0	16.4		ug/L		103	69 - 140
Dibenz(a,h)anthracene	16.0	15.4		ug/L		96	57 - 148
Dibenzofuran	16.0	15.2		ug/L		95	49 - 137
Diethyl phthalate	16.0	16.4		ug/L		103	59 - 146
Dimethyl phthalate	16.0	16.3		ug/L		102	59 - 141
Di-n-butyl phthalate	16.0	17.0		ug/L		106	58 - 149
Di-n-octyl phthalate	16.0	16.9		ug/L		105	55 - 167
Fluoranthene	16.0	16.4		ug/L		102	55 - 147
Fluorene	16.0	15.6		ug/L		98	55 - 143
Hexachlorobenzene	16.0	14.7		ug/L		92	14 - 130
Hexachlorobutadiene	16.0	13.1		ug/L		82	14 - 130
Hexachlorocyclopentadiene	16.0	11.5		ug/L		72	13 - 130
Hexachloroethane	16.0	12.9		ug/L		81	14 - 130
Indeno(1,2,3-cd)pyrene	16.0	15.5		ug/L		97	69 - 146
Isophorone	16.0	15.6		ug/L		98	48 - 133
Naphthalene	16.0	14.4		ug/L		90	35 - 130
Nitrobenzene	16.0	14.9		ug/L		93	45 - 123
N-Nitrosodi-n-propylamine	16.0	15.1		ug/L		94	56 - 120
N-Nitrosodiphenylamine	16.0	15.5		ug/L		97	25 - 125
Pentachlorophenol	32.0	23.9		ug/L		75	39 - 136
Phenanthrene	16.0	16.0		ug/L		100	57 - 147
Phenol	16.0	10.0		ug/L		63	17 - 120
Pyrene	16.0	16.2		ug/L		101	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	92		52 - 132
2-Fluorobiphenyl	90		48 - 120
2-Fluorophenol	76		20 - 120
Nitrobenzene-d5	90		46 - 120
Phenol-d5	58		16 - 120
p-Terphenyl-d14	99		67 - 150

Lab Sample ID: 480-109269-3 MS

Matrix: Ground Water

Analysis Batch: 331737

Client Sample ID: BCC Area E RFI-17 MS 1116

Prep Type: Total/NA

Prep Batch: 331376

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		14.9	13.4		ug/L		90	65 - 126
2,4,6-Trichlorophenol	ND		14.9	13.7		ug/L		92	64 - 120
2,4-Dichlorophenol	ND		14.9	13.2		ug/L		89	64 - 120
2,4-Dimethylphenol	ND		14.9	12.1		ug/L		81	57 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-109269-1

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

Lab Sample ID: 480-109269-3 MS

Matrix: Ground Water

Analysis Batch: 331737

Client Sample ID: BCC Area E RFI-17 MS 1116

Prep Type: Total/NA

Prep Batch: 331376

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrophenol	ND		29.8	23.5		ug/L		79	42 - 153
2,4-Dinitrotoluene	ND		14.9	13.4		ug/L		90	62 - 148
2,6-Dinitrotoluene	ND		14.9	14.3		ug/L		96	65 - 154
2-Chloronaphthalene	ND		14.9	13.2		ug/L		89	41 - 124
2-Chlorophenol	ND		14.9	12.3		ug/L		82	48 - 120
2-Methylnaphthalene	ND		14.9	13.0		ug/L		87	34 - 122
2-Methylphenol	ND		14.9	12.5		ug/L		84	39 - 120
2-Nitroaniline	ND		14.9	14.6		ug/L		98	67 - 136
2-Nitrophenol	ND		14.9	13.4		ug/L		90	59 - 120
3,3'-Dichlorobenzidine	ND		29.8	31.7		ug/L		107	33 - 140
3-Nitroaniline	ND		14.9	12.8		ug/L		86	69 - 129
4,6-Dinitro-2-methylphenol	ND		29.8	25.5		ug/L		86	64 - 159
4-Bromophenyl phenyl ether	ND		14.9	14.0		ug/L		94	71 - 126
4-Chloro-3-methylphenol	ND		14.9	13.5		ug/L		91	64 - 120
4-Chloroaniline	ND		14.9	10.2		ug/L		69	60 - 124
4-Chlorophenyl phenyl ether	ND		14.9	13.7		ug/L		92	48 - 145
4-Methylphenol	ND		14.9	12.2		ug/L		82	36 - 120
4-Nitroaniline	ND		14.9	14.8		ug/L		100	64 - 135
4-Nitrophenol	ND		29.8	24.0		ug/L		81	16 - 120
Acenaphthene	ND		14.9	13.8		ug/L		93	60 - 120
Acenaphthylene	ND		14.9	13.8		ug/L		93	63 - 120
Acetophenone	ND		14.9	13.1		ug/L		88	45 - 120
Aniline	ND		14.9	9.02	J	ug/L		61	37 - 120
Anthracene	ND		14.9	14.3		ug/L		96	58 - 148
Atrazine	ND		29.8	32.9		ug/L		110	56 - 179
Benzaldehyde	ND		29.8	20.3		ug/L		68	30 - 140
Benzo(a)anthracene	ND		14.9	12.3		ug/L		83	55 - 151
Benzo(a)pyrene	ND		14.9	9.80		ug/L		66	60 - 145
Benzo(b)fluoranthene	ND		14.9	10.4		ug/L		70	54 - 140
Benzo(g,h,i)perylene	ND	F1	14.9	9.21	F1	ug/L		62	66 - 152
Benzo(k)fluoranthene	ND		14.9	10.5		ug/L		71	51 - 153
Biphenyl	ND		14.9	13.6		ug/L		91	30 - 140
bis (2-chloroisopropyl) ether	ND		14.9	13.5		ug/L		91	28 - 136
Bis(2-chloroethoxy)methane	ND		14.9	13.6		ug/L		92	50 - 128
Bis(2-chloroethyl)ether	ND		14.9	12.9		ug/L		87	51 - 120
Bis(2-ethylhexyl) phthalate	3.1	J B *	14.9	16.6		ug/L		91	53 - 158
Butyl benzyl phthalate	ND		14.9	14.9		ug/L		100	58 - 163
Caprolactam	ND		29.8	11.6		ug/L		39	30 - 140
Carbazole	ND		14.9	16.9		ug/L		114	59 - 148
Chrysene	ND		14.9	12.0		ug/L		80	69 - 140
Dibenz(a,h)anthracene	ND	F1	14.9	8.82		ug/L		59	57 - 158
Dibenzofuran	ND		14.9	13.7		ug/L		92	49 - 137
Diethyl phthalate	ND		14.9	14.6		ug/L		98	59 - 146
Dimethyl phthalate	ND		14.9	14.5		ug/L		97	59 - 141
Di-n-butyl phthalate	ND		14.9	14.9		ug/L		100	58 - 149
Di-n-octyl phthalate	ND		14.9	10.0		ug/L		67	55 - 167
Fluoranthene	ND		14.9	14.8		ug/L		99	55 - 147
Fluorene	ND		14.9	14.1		ug/L		95	55 - 143

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-109269-1

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

Lab Sample ID: 480-109269-3 MS

Matrix: Ground Water

Analysis Batch: 331737

Client Sample ID: BCC Area E RFI-17 MS 1116

Prep Type: Total/NA

Prep Batch: 331376

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorobenzene	ND		14.9	13.4		ug/L		90	38 - 131
Hexachlorobutadiene	ND		14.9	11.5		ug/L		77	14 - 130
Hexachlorocyclopentadiene	ND		14.9	10.6		ug/L		71	13 - 130
Hexachloroethane	ND		14.9	11.0		ug/L		74	14 - 130
Indeno(1,2,3-cd)pyrene	ND	F1	14.9	9.10	F1	ug/L		61	69 - 146
Isophorone	ND		14.9	13.8		ug/L		92	48 - 133
Naphthalene	ND		14.9	12.7		ug/L		85	35 - 130
Nitrobenzene	ND		14.9	13.3		ug/L		90	45 - 123
N-Nitrosodi-n-propylamine	ND		14.9	13.3		ug/L		89	56 - 120
N-Nitrosodiphenylamine	ND		14.9	13.8		ug/L		93	25 - 125
Pentachlorophenol	ND		29.8	22.2		ug/L		74	39 - 136
Phenanthrene	ND		14.9	14.2		ug/L		96	57 - 147
Phenol	ND		14.9	8.57		ug/L		57	17 - 120
Pyrene	ND		14.9	14.8		ug/L		100	58 - 136

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol	90		52 - 132
2-Fluorobiphenyl	90		48 - 120
2-Fluorophenol	69		20 - 120
Nitrobenzene-d5	87		46 - 120
Phenol-d5	55		16 - 120
p-Terphenyl-d14	76		67 - 150

Lab Sample ID: 480-109269-3 MSD

Matrix: Ground Water

Analysis Batch: 331737

Client Sample ID: BCC Area E RFI-17 MSD 1116

Prep Type: Total/NA

Prep Batch: 331376

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
2,4,5-Trichlorophenol	ND		14.8	11.6		ug/L		78	65 - 126	15	18
2,4,6-Trichlorophenol	ND		14.8	12.0		ug/L		81	64 - 120	13	19
2,4-Dichlorophenol	ND		14.8	11.9		ug/L		80	64 - 120	11	19
2,4-Dimethylphenol	ND		14.8	11.7		ug/L		78	57 - 120	4	42
2,4-Dinitrophenol	ND		29.7	20.4		ug/L		69	42 - 153	14	22
2,4-Dinitrotoluene	ND		14.8	12.4		ug/L		84	62 - 148	7	20
2,6-Dinitrotoluene	ND		14.8	12.6		ug/L		85	65 - 154	13	15
2-Chloronaphthalene	ND		14.8	11.5		ug/L		77	41 - 124	14	21
2-Chlorophenol	ND		14.8	10.8		ug/L		73	48 - 120	13	25
2-Methylnaphthalene	ND		14.8	11.5		ug/L		78	34 - 122	12	21
2-Methylphenol	ND		14.8	10.9		ug/L		73	39 - 120	14	27
2-Nitroaniline	ND		14.8	12.7		ug/L		86	67 - 136	14	15
2-Nitrophenol	ND		14.8	11.8		ug/L		79	59 - 120	13	18
3,3'-Dichlorobenzidine	ND		29.7	29.5		ug/L		99	33 - 140	7	25
3-Nitroaniline	ND		14.8	11.5		ug/L		78	69 - 129	10	19
4,6-Dinitro-2-methylphenol	ND		29.7	22.8		ug/L		77	64 - 159	11	15
4-Bromophenyl phenyl ether	ND		14.8	12.4		ug/L		83	71 - 126	12	15
4-Chloro-3-methylphenol	ND		14.8	12.2		ug/L		82	64 - 120	10	27
4-Chloroaniline	ND		14.8	10.1		ug/L		68	60 - 124	2	22
4-Chlorophenyl phenyl ether	ND		14.8	12.0		ug/L		81	48 - 145	13	16

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-109269-1

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

Lab Sample ID: 480-109269-3 MSD

Matrix: Ground Water

Analysis Batch: 331737

Client Sample ID: BCC Area E RFI-17 MSD 1116

Prep Type: Total/NA

Prep Batch: 331376

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Methylphenol	ND		14.8	10.5		ug/L		71	36 - 120	15	24
4-Nitroaniline	ND		14.8	12.4		ug/L		83	64 - 135	18	24
4-Nitrophenol	ND		29.7	21.8		ug/L		73	16 - 120	10	48
Acenaphthene	ND		14.8	11.9		ug/L		80	60 - 120	15	24
Acenaphthylene	ND		14.8	11.9		ug/L		80	63 - 120	15	18
Acetophenone	ND		14.8	11.3		ug/L		76	45 - 120	15	20
Aniline	ND		14.8	8.92	J	ug/L		60	37 - 120	1	30
Anthracene	ND		14.8	12.4		ug/L		83	58 - 148	15	15
Atrazine	ND		29.7	29.4		ug/L		99	56 - 179	11	20
Benzaldehyde	ND		29.7	17.5		ug/L		59	30 - 140	15	20
Benzo(a)anthracene	ND		14.8	11.2		ug/L		75	55 - 151	10	15
Benzo(a)pyrene	ND		14.8	9.09		ug/L		61	60 - 145	8	15
Benzo(b)fluoranthene	ND		14.8	10.3		ug/L		69	54 - 140	1	15
Benzo(g,h,i)perylene	ND	F1	14.8	8.68	F1	ug/L		58	66 - 152	6	15
Benzo(k)fluoranthene	ND		14.8	9.13		ug/L		61	51 - 153	14	22
Biphenyl	ND		14.8	11.7		ug/L		79	30 - 140	15	20
bis (2-chloroisopropyl) ether	ND		14.8	11.8		ug/L		79	28 - 136	14	24
Bis(2-chloroethoxy)methane	ND		14.8	12.0		ug/L		81	50 - 128	13	17
Bis(2-chloroethyl)ether	ND		14.8	11.2		ug/L		75	51 - 120	15	21
Bis(2-ethylhexyl) phthalate	3.1	J B *	14.8	18.4		ug/L		103	53 - 158	10	15
Butyl benzyl phthalate	ND		14.8	13.0		ug/L		88	58 - 163	13	16
Caprolactam	ND		29.7	10.2		ug/L		34	30 - 140	12	20
Carbazole	ND		14.8	15.0		ug/L		101	59 - 148	12	20
Chrysene	ND		14.8	10.8		ug/L		73	69 - 140	10	15
Dibenz(a,h)anthracene	ND	F1	14.8	8.35	F1	ug/L		56	57 - 158	6	15
Dibenzofuran	ND		14.8	12.0		ug/L		81	49 - 137	13	15
Diethyl phthalate	ND		14.8	13.0		ug/L		88	59 - 146	12	15
Dimethyl phthalate	ND		14.8	12.9		ug/L		87	59 - 141	12	15
Di-n-butyl phthalate	ND		14.8	13.0		ug/L		87	58 - 149	14	15
Di-n-octyl phthalate	ND		14.8	9.37		ug/L		63	55 - 167	7	16
Fluoranthene	ND		14.8	13.1		ug/L		88	55 - 147	12	15
Fluorene	ND		14.8	12.4		ug/L		84	55 - 143	13	15
Hexachlorobenzene	ND		14.8	11.9		ug/L		80	38 - 131	12	15
Hexachlorobutadiene	ND		14.8	9.75		ug/L		66	14 - 130	17	44
Hexachlorocyclopentadiene	ND		14.8	8.69		ug/L		59	13 - 130	19	49
Hexachloroethane	ND		14.8	9.32		ug/L		63	14 - 130	17	46
Indeno(1,2,3-cd)pyrene	ND	F1	14.8	8.37	F1	ug/L		56	69 - 146	8	15
Isophorone	ND		14.8	12.2		ug/L		82	48 - 133	12	17
Naphthalene	ND		14.8	11.2		ug/L		76	35 - 130	12	29
Nitrobenzene	ND		14.8	11.5		ug/L		78	45 - 123	15	24
N-Nitrosodi-n-propylamine	ND		14.8	11.4		ug/L		77	56 - 120	15	31
N-Nitrosodiphenylamine	ND		14.8	12.3		ug/L		83	25 - 125	11	15
Pentachlorophenol	ND		29.7	19.0		ug/L		64	39 - 136	15	37
Phenanthrene	ND		14.8	12.7		ug/L		85	57 - 147	12	15
Phenol	ND		14.8	7.29		ug/L		49	17 - 120	16	34
Pyrene	ND		14.8	13.1		ug/L		88	58 - 136	12	19

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-109269-1

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

Lab Sample ID: 480-109269-3 MSD

Matrix: Ground Water

Analysis Batch: 331737

Client Sample ID: BCC Area E RFI-17 MSD 1116

Prep Type: Total/NA

Prep Batch: 331376

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol	79		52 - 132
2-Fluorobiphenyl	77		48 - 120
2-Fluorophenol	60		20 - 120
Nitrobenzene-d5	76		46 - 120
Phenol-d5	48		16 - 120
p-Terphenyl-d14	70		67 - 150

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-330624/1-A

Matrix: Water

Analysis Batch: 331076

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 330624

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/09/16 13:55	11/11/16 03:46	1
Antimony	ND		0.020	0.0068	mg/L		11/09/16 13:55	11/11/16 03:46	1
Arsenic	ND		0.015	0.0056	mg/L		11/09/16 13:55	11/11/16 03:46	1
Barium	ND		0.0020	0.00070	mg/L		11/09/16 13:55	11/11/16 03:46	1
Beryllium	ND		0.0020	0.00030	mg/L		11/09/16 13:55	11/11/16 03:46	1
Cadmium	ND		0.0020	0.00050	mg/L		11/09/16 13:55	11/11/16 03:46	1
Calcium	ND		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 03:46	1
Chromium	ND		0.0040	0.0010	mg/L		11/09/16 13:55	11/11/16 03:46	1
Cobalt	ND		0.0040	0.00063	mg/L		11/09/16 13:55	11/11/16 03:46	1
Copper	ND		0.010	0.0016	mg/L		11/09/16 13:55	11/11/16 03:46	1
Iron	ND		0.050	0.019	mg/L		11/09/16 13:55	11/11/16 03:46	1
Lead	ND		0.010	0.0030	mg/L		11/09/16 13:55	11/11/16 03:46	1
Magnesium	ND		0.20	0.043	mg/L		11/09/16 13:55	11/11/16 03:46	1
Manganese	0.00115	J	0.0030	0.00040	mg/L		11/09/16 13:55	11/11/16 03:46	1
Nickel	ND		0.010	0.0013	mg/L		11/09/16 13:55	11/11/16 03:46	1
Potassium	ND		0.50	0.10	mg/L		11/09/16 13:55	11/11/16 03:46	1
Selenium	ND		0.025	0.0087	mg/L		11/09/16 13:55	11/11/16 03:46	1
Silver	ND		0.0060	0.0017	mg/L		11/09/16 13:55	11/11/16 03:46	1
Sodium	ND		1.0	0.32	mg/L		11/09/16 13:55	11/11/16 03:46	1
Thallium	ND		0.020	0.010	mg/L		11/09/16 13:55	11/11/16 03:46	1
Vanadium	ND		0.0050	0.0015	mg/L		11/09/16 13:55	11/11/16 03:46	1
Zinc	ND		0.010	0.0015	mg/L		11/09/16 13:55	11/11/16 03:46	1

Lab Sample ID: LCS 480-330624/2-A

Matrix: Water

Analysis Batch: 331076

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 330624

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	9.71		mg/L		97	80 - 120
Antimony	0.200	0.205		mg/L		103	80 - 120
Arsenic	0.200	0.197		mg/L		98	80 - 120
Barium	0.200	0.198		mg/L		99	80 - 120
Beryllium	0.200	0.198		mg/L		99	80 - 120
Cadmium	0.200	0.202		mg/L		101	80 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-109269-1

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

Lab Sample ID: LCS 480-330624/2-A

Matrix: Water

Analysis Batch: 331076

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 330624

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	10.0	9.52		mg/L		95	80 - 120
Chromium	0.200	0.203		mg/L		101	80 - 120
Cobalt	0.200	0.191		mg/L		95	80 - 120
Copper	0.200	0.205		mg/L		103	80 - 120
Iron	10.0	10.07		mg/L		101	80 - 120
Lead	0.200	0.201		mg/L		101	80 - 120
Magnesium	10.0	10.00		mg/L		100	80 - 120
Manganese	0.200	0.214		mg/L		107	80 - 120
Nickel	0.200	0.197		mg/L		98	80 - 120
Potassium	10.0	10.28		mg/L		103	80 - 120
Selenium	0.200	0.200		mg/L		100	80 - 120
Silver	0.0500	0.0478		mg/L		96	80 - 120
Sodium	10.0	10.10		mg/L		101	80 - 120
Thallium	0.200	0.195		mg/L		98	80 - 120
Vanadium	0.200	0.199		mg/L		100	80 - 120
Zinc	0.200	0.208		mg/L		104	80 - 120

Lab Sample ID: 480-109269-3 MS

Matrix: Ground Water

Analysis Batch: 331076

Client Sample ID: BCC Area E RFI-17 MS 1116

Prep Type: Total/NA

Prep Batch: 330624

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	0.082	J	10.0	9.88		mg/L		98	75 - 125
Antimony	ND		0.200	0.212		mg/L		106	75 - 125
Arsenic	ND		0.200	0.210		mg/L		105	75 - 125
Barium	0.038		0.200	0.235		mg/L		98	75 - 125
Beryllium	ND		0.200	0.196		mg/L		98	75 - 125
Cadmium	ND		0.200	0.208		mg/L		104	75 - 125
Calcium	196		10.0	207.6	4	mg/L		119	75 - 125
Chromium	0.0079		0.200	0.209		mg/L		101	75 - 125
Cobalt	ND		0.200	0.193		mg/L		96	75 - 125
Copper	ND		0.200	0.208		mg/L		104	75 - 125
Iron	0.054		10.0	9.93		mg/L		99	75 - 125
Lead	ND		0.200	0.207		mg/L		104	75 - 125
Magnesium	39.4		10.0	49.71		mg/L		103	75 - 125
Manganese	0.0049	B	0.200	0.212		mg/L		104	75 - 125
Nickel	0.0047	J	0.200	0.202		mg/L		99	75 - 125
Potassium	1.8		10.0	12.27		mg/L		105	75 - 125
Selenium	ND		0.200	0.210		mg/L		105	75 - 125
Silver	ND		0.0500	0.0480		mg/L		96	75 - 125
Sodium	19.9		10.0	30.50		mg/L		106	75 - 125
Thallium	ND		0.200	0.195		mg/L		97	75 - 125
Vanadium	ND		0.200	0.202		mg/L		101	75 - 125
Zinc	0.0054	J	0.200	0.209		mg/L		102	75 - 125

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-109269-1

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

Lab Sample ID: 480-109269-3 MSD

Matrix: Ground Water

Analysis Batch: 331076

Client Sample ID: BCC Area E RFI-17 MSD 1116

Prep Type: Total/NA

Prep Batch: 330624

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	0.082	J	10.0	9.85		mg/L		98	75 - 125	0	20
Antimony	ND		0.200	0.215		mg/L		108	75 - 125	2	20
Arsenic	ND		0.200	0.209		mg/L		105	75 - 125	0	20
Barium	0.038		0.200	0.235		mg/L		98	75 - 125	0	20
Beryllium	ND		0.200	0.197		mg/L		99	75 - 125	1	20
Cadmium	ND		0.200	0.209		mg/L		105	75 - 125	1	20
Calcium	196		10.0	207.7	4	mg/L		120	75 - 125	0	20
Chromium	0.0079		0.200	0.208		mg/L		100	75 - 125	1	20
Cobalt	ND		0.200	0.193		mg/L		97	75 - 125	0	20
Copper	ND		0.200	0.209		mg/L		105	75 - 125	1	20
Iron	0.054		10.0	9.98		mg/L		99	75 - 125	0	20
Lead	ND		0.200	0.208		mg/L		104	75 - 125	0	20
Magnesium	39.4		10.0	49.62		mg/L		103	75 - 125	0	20
Manganese	0.0049	B	0.200	0.214		mg/L		105	75 - 125	1	20
Nickel	0.0047	J	0.200	0.203		mg/L		99	75 - 125	0	20
Potassium	1.8		10.0	12.30		mg/L		105	75 - 125	0	20
Selenium	ND		0.200	0.210		mg/L		105	75 - 125	0	20
Silver	ND		0.0500	0.0488		mg/L		98	75 - 125	2	20
Sodium	19.9		10.0	30.54		mg/L		106	75 - 125	0	20
Thallium	ND		0.200	0.195		mg/L		97	75 - 125	0	20
Vanadium	ND		0.200	0.202		mg/L		101	75 - 125	0	20
Zinc	0.0054	J	0.200	0.209		mg/L		102	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-330768/1-A

Matrix: Water

Analysis Batch: 330935

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 330768

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/10/16 09:05	11/10/16 15:53	1

Lab Sample ID: LCS 480-330768/2-A

Matrix: Water

Analysis Batch: 330935

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 330768

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00798		mg/L		120	80 - 120

Lab Sample ID: 480-109269-3 MS

Matrix: Ground Water

Analysis Batch: 330935

Client Sample ID: BCC Area E RFI-17 MS 1116

Prep Type: Total/NA

Prep Batch: 330768

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00708		mg/L		106	80 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-109269-1

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

Lab Sample ID: 480-109269-3 MSD
Matrix: Ground Water
Analysis Batch: 330935

Client Sample ID: BCC Area E RFI-17 MSD 1116
Prep Type: Total/NA
Prep Batch: 330768

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00777		mg/L		116	80 - 120	9	20

Lab Sample ID: MB 480-331056/1-A
Matrix: Water
Analysis Batch: 331145

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 331056

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/11/16 10:40	11/11/16 15:15	1

Lab Sample ID: LCS 480-331056/2-A
Matrix: Water
Analysis Batch: 331145

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 331056

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00650		mg/L		97	80 - 120

QC Association Summary

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

TestAmerica Job ID: 480-109269-1

GC/MS VOA

Analysis Batch: 331878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109269-2	BCC Area E R-11 1116	Total/NA	Ground Water	8260C	
480-109269-3	BCC Area E RFI-17 1116	Total/NA	Ground Water	8260C	
480-109269-4	BCC Area E RFI-29 1116	Total/NA	Ground Water	8260C	
480-109269-5	BCC Area E RFI-32 1116	Total/NA	Ground Water	8260C	
480-109269-9	BCC Area E MW-E03 1116	Total/NA	Ground Water	8260C	
MB 480-331878/6	Method Blank	Total/NA	Water	8260C	
LCS 480-331878/4	Lab Control Sample	Total/NA	Water	8260C	
480-109269-3 MS	BCC Area E RFI-17 MS 1116	Total/NA	Ground Water	8260C	
480-109269-3 MSD	BCC Area E RFI-17 MSD 1116	Total/NA	Ground Water	8260C	

Analysis Batch: 332061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109269-1	BCC Area E R-10 1116	Total/NA	Ground Water	8260C	
480-109269-6	BCC Area E RFI-33 1116	Total/NA	Ground Water	8260C	
480-109269-7	BCC Area E RFI-51 1116	Total/NA	Ground Water	8260C	
480-109269-8	BCC Area E RFI-PZ-16 1116	Total/NA	Ground Water	8260C	
480-109269-10	BCC Area E MW-E04 1116	Total/NA	Ground Water	8260C	
480-109269-11	BCC Area E MW-E05 1116	Total/NA	Ground Water	8260C	
480-109269-12	BCC Area E MW-E06 1116	Total/NA	Ground Water	8260C	
480-109269-13	BCC Area E MW-E07 1116	Total/NA	Ground Water	8260C	
480-109269-14	BCC Area E RFI-17 D 1116	Total/NA	Ground Water	8260C	
480-109269-15	TRIP BLANK	Total/NA	Water	8260C	
MB 480-332061/6	Method Blank	Total/NA	Water	8260C	
LCS 480-332061/4	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 330672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109269-2	BCC Area E R-11 1116	Total/NA	Ground Water	3510C	
480-109269-4	BCC Area E RFI-29 1116	Total/NA	Ground Water	3510C	
480-109269-5	BCC Area E RFI-32 1116	Total/NA	Ground Water	3510C	
480-109269-6	BCC Area E RFI-33 1116	Total/NA	Ground Water	3510C	
480-109269-7	BCC Area E RFI-51 1116	Total/NA	Ground Water	3510C	
480-109269-8	BCC Area E RFI-PZ-16 1116	Total/NA	Ground Water	3510C	
480-109269-9	BCC Area E MW-E03 1116	Total/NA	Ground Water	3510C	
480-109269-10	BCC Area E MW-E04 1116	Total/NA	Ground Water	3510C	
480-109269-11	BCC Area E MW-E05 1116	Total/NA	Ground Water	3510C	
480-109269-12	BCC Area E MW-E06 1116	Total/NA	Ground Water	3510C	
480-109269-13	BCC Area E MW-E07 1116	Total/NA	Ground Water	3510C	
480-109269-14	BCC Area E RFI-17 D 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
480-109269-2	BCC Area E R-11 1116	Total/NA	Ground Water	8270D	330672
480-109269-4	BCC Area E RFI-29 1116	Total/NA	Ground Water	8270D	330672
480-109269-5	BCC Area E RFI-32 1116	Total/NA	Ground Water	8270D	330672
480-109269-6	BCC Area E RFI-33 1116	Total/NA	Ground Water	8270D	330672

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-109269-1

GC/MS Semi VOA (Continued)

Analysis Batch: 331069 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109269-7	BCC Area E RFI-51 1116	Total/NA	Ground Water	8270D	330672
480-109269-8	BCC Area E RFI-PZ-16 1116	Total/NA	Ground Water	8270D	330672
480-109269-9	BCC Area E MW-E03 1116	Total/NA	Ground Water	8270D	330672
480-109269-11	BCC Area E MW-E05 1116	Total/NA	Ground Water	8270D	330672
480-109269-12	BCC Area E MW-E06 1116	Total/NA	Ground Water	8270D	330672
480-109269-13	BCC Area E MW-E07 1116	Total/NA	Ground Water	8270D	330672
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

Prep Batch: 331376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109269-1	BCC Area E R-10 1116	Total/NA	Ground Water	3510C	
480-109269-3	BCC Area E RFI-17 1116	Total/NA	Ground Water	3510C	
MB 480-331376/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-331376/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-109269-3 MS	BCC Area E RFI-17 MS 1116	Total/NA	Ground Water	3510C	
480-109269-3 MSD	BCC Area E RFI-17 MSD 1116	Total/NA	Ground Water	3510C	

Analysis Batch: 331737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109269-1	BCC Area E R-10 1116	Total/NA	Ground Water	8270D	331376
480-109269-3	BCC Area E RFI-17 1116	Total/NA	Ground Water	8270D	331376
480-109269-10	BCC Area E MW-E04 1116	Total/NA	Ground Water	8270D	330672
480-109269-14	BCC Area E RFI-17 D 1116	Total/NA	Ground Water	8270D	330672
MB 480-331376/1-A	Method Blank	Total/NA	Water	8270D	331376
LCS 480-331376/2-A	Lab Control Sample	Total/NA	Water	8270D	331376
480-109269-3 MS	BCC Area E RFI-17 MS 1116	Total/NA	Ground Water	8270D	331376
480-109269-3 MSD	BCC Area E RFI-17 MSD 1116	Total/NA	Ground Water	8270D	331376

Metals

Prep Batch: 330624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109269-1	BCC Area E R-10 1116	Total/NA	Ground Water	3005A	
480-109269-2	BCC Area E R-11 1116	Total/NA	Ground Water	3005A	
480-109269-3	BCC Area E RFI-17 1116	Total/NA	Ground Water	3005A	
480-109269-4	BCC Area E RFI-29 1116	Total/NA	Ground Water	3005A	
480-109269-5	BCC Area E RFI-32 1116	Total/NA	Ground Water	3005A	
480-109269-6	BCC Area E RFI-33 1116	Total/NA	Ground Water	3005A	
480-109269-7	BCC Area E RFI-51 1116	Total/NA	Ground Water	3005A	
480-109269-8	BCC Area E RFI-PZ-16 1116	Total/NA	Ground Water	3005A	
480-109269-9	BCC Area E MW-E03 1116	Total/NA	Ground Water	3005A	
480-109269-10	BCC Area E MW-E04 1116	Total/NA	Ground Water	3005A	
480-109269-11	BCC Area E MW-E05 1116	Total/NA	Ground Water	3005A	
480-109269-12	BCC Area E MW-E06 1116	Total/NA	Ground Water	3005A	
480-109269-13	BCC Area E MW-E07 1116	Total/NA	Ground Water	3005A	
480-109269-14	BCC Area E RFI-17 D 1116	Total/NA	Ground Water	3005A	
MB 480-330624/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-330624/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-109269-3 MS	BCC Area E RFI-17 MS 1116	Total/NA	Ground Water	3005A	

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-109269-1

Metals (Continued)

Prep Batch: 330624 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109269-3 MSD	BCC Area E RFI-17 MSD 1116	Total/NA	Ground Water	3005A	

Prep Batch: 330768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109269-1	BCC Area E R-10 1116	Total/NA	Ground Water	7470A	
480-109269-2	BCC Area E R-11 1116	Total/NA	Ground Water	7470A	
480-109269-3	BCC Area E RFI-17 1116	Total/NA	Ground Water	7470A	
480-109269-4	BCC Area E RFI-29 1116	Total/NA	Ground Water	7470A	
480-109269-5	BCC Area E RFI-32 1116	Total/NA	Ground Water	7470A	
480-109269-6	BCC Area E RFI-33 1116	Total/NA	Ground Water	7470A	
MB 480-330768/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-330768/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-109269-3 MS	BCC Area E RFI-17 MS 1116	Total/NA	Ground Water	7470A	
480-109269-3 MSD	BCC Area E RFI-17 MSD 1116	Total/NA	Ground Water	7470A	

Analysis Batch: 330935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109269-1	BCC Area E R-10 1116	Total/NA	Ground Water	7470A	330768
480-109269-2	BCC Area E R-11 1116	Total/NA	Ground Water	7470A	330768
480-109269-3	BCC Area E RFI-17 1116	Total/NA	Ground Water	7470A	330768
480-109269-4	BCC Area E RFI-29 1116	Total/NA	Ground Water	7470A	330768
480-109269-5	BCC Area E RFI-32 1116	Total/NA	Ground Water	7470A	330768
480-109269-6	BCC Area E RFI-33 1116	Total/NA	Ground Water	7470A	330768
MB 480-330768/1-A	Method Blank	Total/NA	Water	7470A	330768
LCS 480-330768/2-A	Lab Control Sample	Total/NA	Water	7470A	330768
480-109269-3 MS	BCC Area E RFI-17 MS 1116	Total/NA	Ground Water	7470A	330768
480-109269-3 MSD	BCC Area E RFI-17 MSD 1116	Total/NA	Ground Water	7470A	330768

Prep Batch: 331056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109269-7	BCC Area E RFI-51 1116	Total/NA	Ground Water	7470A	
480-109269-8	BCC Area E RFI-PZ-16 1116	Total/NA	Ground Water	7470A	
480-109269-9	BCC Area E MW-E03 1116	Total/NA	Ground Water	7470A	
480-109269-10	BCC Area E MW-E04 1116	Total/NA	Ground Water	7470A	
480-109269-11	BCC Area E MW-E05 1116	Total/NA	Ground Water	7470A	
480-109269-12	BCC Area E MW-E06 1116	Total/NA	Ground Water	7470A	
480-109269-13	BCC Area E MW-E07 1116	Total/NA	Ground Water	7470A	
480-109269-14	BCC Area E RFI-17 D 1116	Total/NA	Ground Water	7470A	
MB 480-331056/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-331056/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 331076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109269-1	BCC Area E R-10 1116	Total/NA	Ground Water	6010C	330624
480-109269-2	BCC Area E R-11 1116	Total/NA	Ground Water	6010C	330624
480-109269-3	BCC Area E RFI-17 1116	Total/NA	Ground Water	6010C	330624
480-109269-4	BCC Area E RFI-29 1116	Total/NA	Ground Water	6010C	330624
480-109269-5	BCC Area E RFI-32 1116	Total/NA	Ground Water	6010C	330624
480-109269-6	BCC Area E RFI-33 1116	Total/NA	Ground Water	6010C	330624
480-109269-7	BCC Area E RFI-51 1116	Total/NA	Ground Water	6010C	330624
480-109269-8	BCC Area E RFI-PZ-16 1116	Total/NA	Ground Water	6010C	330624

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-109269-1

Metals (Continued)

Analysis Batch: 331076 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109269-9	BCC Area E MW-E03 1116	Total/NA	Ground Water	6010C	330624
480-109269-10	BCC Area E MW-E04 1116	Total/NA	Ground Water	6010C	330624
480-109269-11	BCC Area E MW-E05 1116	Total/NA	Ground Water	6010C	330624
480-109269-12	BCC Area E MW-E06 1116	Total/NA	Ground Water	6010C	330624
480-109269-13	BCC Area E MW-E07 1116	Total/NA	Ground Water	6010C	330624
480-109269-14	BCC Area E RFI-17 D 1116	Total/NA	Ground Water	6010C	330624
MB 480-330624/1-A	Method Blank	Total/NA	Water	6010C	330624
LCS 480-330624/2-A	Lab Control Sample	Total/NA	Water	6010C	330624
480-109269-3 MS	BCC Area E RFI-17 MS 1116	Total/NA	Ground Water	6010C	330624
480-109269-3 MSD	BCC Area E RFI-17 MSD 1116	Total/NA	Ground Water	6010C	330624

Analysis Batch: 331145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-109269-7	BCC Area E RFI-51 1116	Total/NA	Ground Water	7470A	331056
480-109269-8	BCC Area E RFI-PZ-16 1116	Total/NA	Ground Water	7470A	331056
480-109269-9	BCC Area E MW-E03 1116	Total/NA	Ground Water	7470A	331056
480-109269-10	BCC Area E MW-E04 1116	Total/NA	Ground Water	7470A	331056
480-109269-11	BCC Area E MW-E05 1116	Total/NA	Ground Water	7470A	331056
480-109269-12	BCC Area E MW-E06 1116	Total/NA	Ground Water	7470A	331056
480-109269-13	BCC Area E MW-E07 1116	Total/NA	Ground Water	7470A	331056
480-109269-14	BCC Area E RFI-17 D 1116	Total/NA	Ground Water	7470A	331056
MB 480-331056/1-A	Method Blank	Total/NA	Water	7470A	331056
LCS 480-331056/2-A	Lab Control Sample	Total/NA	Water	7470A	331056

Lab Chronicle

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E R-10 1116

Date Collected: 11/08/16 08:30

Date Received: 11/08/16 16:00

Lab Sample ID: 480-109269-1

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	332061	11/17/16 00:09	RJF	TAL BUF
Total/NA	Prep	3510C			331376	11/14/16 07:29	SMP	TAL BUF
Total/NA	Analysis	8270D		1	331737	11/15/16 22:35	PJQ	TAL BUF
Total/NA	Prep	3005A			330624	11/09/16 13:55	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	331076	11/11/16 04:08	AMH	TAL BUF
Total/NA	Prep	7470A			330768	11/10/16 09:05	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	330935	11/10/16 16:27	RMZ	TAL BUF

Client Sample ID: BCC Area E R-11 1116

Date Collected: 11/07/16 11:40

Date Received: 11/08/16 16:00

Lab Sample ID: 480-109269-2

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	331878	11/16/16 16:53	SMY	TAL BUF
Total/NA	Prep	3510C			330672	11/09/16 14:23	ARS	TAL BUF
Total/NA	Analysis	8270D		1	331069	11/11/16 18:46	PJQ	TAL BUF
Total/NA	Prep	3005A			330624	11/09/16 13:55	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	331076	11/11/16 04:11	AMH	TAL BUF
Total/NA	Prep	7470A			330768	11/10/16 09:05	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	330935	11/10/16 16:29	RMZ	TAL BUF

Client Sample ID: BCC Area E RFI-17 1116

Date Collected: 11/07/16 12:30

Date Received: 11/08/16 16:00

Lab Sample ID: 480-109269-3

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	331878	11/16/16 17:20	SMY	TAL BUF
Total/NA	Prep	3510C			331376	11/14/16 07:29	SMP	TAL BUF
Total/NA	Analysis	8270D		1	331737	11/15/16 23:03	PJQ	TAL BUF
Total/NA	Prep	3005A			330624	11/09/16 13:55	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	331076	11/11/16 04:15	AMH	TAL BUF
Total/NA	Prep	7470A			330768	11/10/16 09:05	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	330935	11/10/16 16:31	RMZ	TAL BUF

Client Sample ID: BCC Area E RFI-29 1116

Date Collected: 11/07/16 09:15

Date Received: 11/08/16 16:00

Lab Sample ID: 480-109269-4

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	331878	11/16/16 17:48	SMY	TAL BUF
Total/NA	Prep	3510C			330672	11/09/16 14:23	ARS	TAL BUF
Total/NA	Analysis	8270D		1	331069	11/11/16 19:15	PJQ	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-29 1116

Lab Sample ID: 480-109269-4

Date Collected: 11/07/16 09:15

Matrix: Ground Water

Date Received: 11/08/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			330624	11/09/16 13:55	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	331076	11/11/16 04:43	AMH	TAL BUF
Total/NA	Prep	7470A			330768	11/10/16 09:05	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	330935	11/10/16 16:38	RMZ	TAL BUF

Client Sample ID: BCC Area E RFI-32 1116

Lab Sample ID: 480-109269-5

Date Collected: 11/07/16 10:00

Matrix: Ground Water

Date Received: 11/08/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		40	331878	11/16/16 18:15	SMY	TAL BUF
Total/NA	Prep	3510C			330672	11/09/16 14:23	ARS	TAL BUF
Total/NA	Analysis	8270D		1	331069	11/11/16 19:43	PJQ	TAL BUF
Total/NA	Prep	3005A			330624	11/09/16 13:55	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	331076	11/11/16 04:47	AMH	TAL BUF
Total/NA	Prep	7470A			330768	11/10/16 09:05	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	330935	11/10/16 16:40	RMZ	TAL BUF

Client Sample ID: BCC Area E RFI-33 1116

Lab Sample ID: 480-109269-6

Date Collected: 11/08/16 00:00

Matrix: Ground Water

Date Received: 11/08/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	332061	11/17/16 00:36	RJF	TAL BUF
Total/NA	Prep	3510C			330672	11/09/16 14:23	ARS	TAL BUF
Total/NA	Analysis	8270D		1	331069	11/11/16 20:11	PJQ	TAL BUF
Total/NA	Prep	3005A			330624	11/09/16 13:55	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	331076	11/11/16 04:50	AMH	TAL BUF
Total/NA	Prep	7470A			330768	11/10/16 09:05	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	330935	11/10/16 16:45	RMZ	TAL BUF

Client Sample ID: BCC Area E RFI-51 1116

Lab Sample ID: 480-109269-7

Date Collected: 11/08/16 09:20

Matrix: Ground Water

Date Received: 11/08/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	332061	11/17/16 01:03	RJF	TAL BUF
Total/NA	Prep	3510C			330672	11/09/16 14:23	ARS	TAL BUF
Total/NA	Analysis	8270D		1	331069	11/11/16 20:40	PJQ	TAL BUF
Total/NA	Prep	3005A			330624	11/09/16 13:55	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	331076	11/11/16 04:54	AMH	TAL BUF
Total/NA	Prep	7470A			331056	11/11/16 10:40	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	331145	11/11/16 15:18	RMZ	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E RFI-PZ-16 1116

Lab Sample ID: 480-109269-8

Date Collected: 11/08/16 10:10

Matrix: Ground Water

Date Received: 11/08/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	332061	11/17/16 01:31	RJF	TAL BUF
Total/NA	Prep	3510C			330672	11/09/16 14:23	ARS	TAL BUF
Total/NA	Analysis	8270D		1	331069	11/11/16 21:08	PJQ	TAL BUF
Total/NA	Prep	3005A			330624	11/09/16 13:55	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	331076	11/11/16 04:58	AMH	TAL BUF
Total/NA	Prep	7470A			331056	11/11/16 10:40	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	331145	11/11/16 15:19	RMZ	TAL BUF

Client Sample ID: BCC Area E MW-E03 1116

Lab Sample ID: 480-109269-9

Date Collected: 11/07/16 10:50

Matrix: Ground Water

Date Received: 11/08/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	331878	11/16/16 18:42	SMY	TAL BUF
Total/NA	Prep	3510C			330672	11/09/16 14:23	ARS	TAL BUF
Total/NA	Analysis	8270D		1	331069	11/11/16 21:36	PJQ	TAL BUF
Total/NA	Prep	3005A			330624	11/09/16 13:55	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	331076	11/11/16 05:01	AMH	TAL BUF
Total/NA	Prep	7470A			331056	11/11/16 10:40	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	331145	11/11/16 15:22	RMZ	TAL BUF

Client Sample ID: BCC Area E MW-E04 1116

Lab Sample ID: 480-109269-10

Date Collected: 11/07/16 14:25

Matrix: Ground Water

Date Received: 11/08/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	332061	11/17/16 01:58	RJF	TAL BUF
Total/NA	Prep	3510C			330672	11/09/16 14:23	ARS	TAL BUF
Total/NA	Analysis	8270D		1	331737	11/15/16 14:31	PJQ	TAL BUF
Total/NA	Prep	3005A			330624	11/09/16 13:55	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	331076	11/11/16 05:05	AMH	TAL BUF
Total/NA	Prep	7470A			331056	11/11/16 10:40	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	331145	11/11/16 15:25	RMZ	TAL BUF

Client Sample ID: BCC Area E MW-E05 1116

Lab Sample ID: 480-109269-11

Date Collected: 11/08/16 12:26

Matrix: Ground Water

Date Received: 11/08/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	332061	11/17/16 02:26	RJF	TAL BUF
Total/NA	Prep	3510C			330672	11/09/16 14:23	ARS	TAL BUF
Total/NA	Analysis	8270D		1	331069	11/11/16 22:33	PJQ	TAL BUF
Total/NA	Prep	3005A			330624	11/09/16 13:55	MVZ	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: BCC Area E MW-E05 1116

Lab Sample ID: 480-109269-11

Date Collected: 11/08/16 12:26

Matrix: Ground Water

Date Received: 11/08/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010C		1	331076	11/11/16 05:09	AMH	TAL BUF
Total/NA	Prep	7470A			331056	11/11/16 10:40	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	331145	11/11/16 15:26	RMZ	TAL BUF

Client Sample ID: BCC Area E MW-E06 1116

Lab Sample ID: 480-109269-12

Date Collected: 11/08/16 11:25

Matrix: Ground Water

Date Received: 11/08/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	332061	11/17/16 02:53	RJF	TAL BUF
Total/NA	Prep	3510C			330672	11/09/16 14:23	ARS	TAL BUF
Total/NA	Analysis	8270D		1	331069	11/11/16 23:01	PJQ	TAL BUF
Total/NA	Prep	3005A			330624	11/09/16 13:55	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	331076	11/11/16 05:12	AMH	TAL BUF
Total/NA	Prep	7470A			331056	11/11/16 10:40	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	331145	11/11/16 15:28	RMZ	TAL BUF

Client Sample ID: BCC Area E MW-E07 1116

Lab Sample ID: 480-109269-13

Date Collected: 11/08/16 13:35

Matrix: Ground Water

Date Received: 11/08/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	332061	11/17/16 03:20	RJF	TAL BUF
Total/NA	Prep	3510C			330672	11/09/16 14:23	ARS	TAL BUF
Total/NA	Analysis	8270D		1	331069	11/11/16 23:30	PJQ	TAL BUF
Total/NA	Prep	3005A			330624	11/09/16 13:55	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	331076	11/11/16 05:26	AMH	TAL BUF
Total/NA	Prep	7470A			331056	11/11/16 10:40	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	331145	11/11/16 15:33	RMZ	TAL BUF

Client Sample ID: BCC Area E RFI-17 D 1116

Lab Sample ID: 480-109269-14

Date Collected: 11/07/16 12:45

Matrix: Ground Water

Date Received: 11/08/16 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	332061	11/17/16 03:48	RJF	TAL BUF
Total/NA	Prep	3510C			330672	11/09/16 14:23	ARS	TAL BUF
Total/NA	Analysis	8270D		1	331737	11/15/16 15:00	PJQ	TAL BUF
Total/NA	Prep	3005A			330624	11/09/16 13:55	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	331076	11/11/16 05:30	AMH	TAL BUF
Total/NA	Prep	7470A			331056	11/11/16 10:40	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	331145	11/11/16 15:35	RMZ	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-109269-1

Client Sample ID: TRIP BLANK
Date Collected: 11/08/16 00:00
Date Received: 11/08/16 16:00

Lab Sample ID: 480-109269-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	332061	11/17/16 04:15	RJF	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 E Wells

TestAmerica Job ID: 480-109269-1

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 E Wells

TestAmerica Job ID: 480-109269-1

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 E Wells

TestAmerica Job ID: 480-109269-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-109269-1	BCC Area E R-10 1116	Ground Water	11/08/16 08:30	11/08/16 16:00
480-109269-2	BCC Area E R-11 1116	Ground Water	11/07/16 11:40	11/08/16 16:00
480-109269-3	BCC Area E RFI-17 1116	Ground Water	11/07/16 12:30	11/08/16 16:00
480-109269-4	BCC Area E RFI-29 1116	Ground Water	11/07/16 09:15	11/08/16 16:00
480-109269-5	BCC Area E RFI-32 1116	Ground Water	11/07/16 10:00	11/08/16 16:00
480-109269-6	BCC Area E RFI-33 1116	Ground Water	11/08/16 00:00	11/08/16 16:00
480-109269-7	BCC Area E RFI-51 1116	Ground Water	11/08/16 09:20	11/08/16 16:00
480-109269-8	BCC Area E RFI-PZ-16 1116	Ground Water	11/08/16 10:10	11/08/16 16:00
480-109269-9	BCC Area E MW-E03 1116	Ground Water	11/07/16 10:50	11/08/16 16:00
480-109269-10	BCC Area E MW-E04 1116	Ground Water	11/07/16 14:25	11/08/16 16:00
480-109269-11	BCC Area E MW-E05 1116	Ground Water	11/08/16 12:26	11/08/16 16:00
480-109269-12	BCC Area E MW-E06 1116	Ground Water	11/08/16 11:25	11/08/16 16:00
480-109269-13	BCC Area E MW-E07 1116	Ground Water	11/08/16 13:35	11/08/16 16:00
480-109269-14	BCC Area E RFI-17 D 1116	Ground Water	11/07/16 12:45	11/08/16 16:00
480-109269-15	TRIP BLANK	Water	11/08/16 00:00	11/08/16 16:00

Chain of Custody Record

Client Contact		Project Manager: Schove, John		Site Contact: Tom Wagner		Date: 11-2-16	
Ontario Specialty Contracting Inc.		Tel/Fax: (716) 912-9926		Lab Contact: Schove, John		Carrier: 0913-OMM	
333 Ganson Street		Analysis Turnaround Time		Calendar (C) or Work Days (W) W		COC No: 48003159.08	
716-856-3333		TAT		X 2 weeks		1 of 1 COCs	
716-842-1630		1 week		X 1 week		Job No. 0913-OMM	
Project Name: Buffalo Color Area E Wells		2 days		X 2 days		SDG No.	
Site: HoneyWell Buffalo Color - NYC915232 EIM SITE ID - 37745		1 day		X 1 day		480-109269 COC	
PO# 59287							
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Sample Specific Notes:	
BCC_Area E_R-10_1116	11-8-16	0830	G	W	6	8260B - TLC 42 list (TLC VOC)	
BCC_Area E_R-11_1116	11-7-16	1140	G	W	6	6010B, 7470A (TAL Metals)	
BCC_Area E_R-17_1116	11-7-16	1230	G	W	6	8270C - (MOD) TLC SVOA - 42 list + aniline	
BCC_Area E_R-17-29_1116	11-7-16	0915	G	W	6		
BCC_Area E_R-17-32_1116	11-7-16	1000	G	W	6		
BCC_Area E_R-17-33_1116	11-8-16	1111	G	W	6		
BCC_Area E_R-17-51_1116	11-8-16	0920	G	W	6		
BCC_Area E_R-17-16_1116	11-8-16	1010	G	W	6		
BCC_Area E_MW-E03_1116	11-7-16	1050	G	W	6		
BCC_Area E_MW-E04_1116	11-7-16	1425	G	W	6		
BCC_Area E_MW-E05_1116	11-8-16	1226	G	W	6		
BCC_Area E_MW-E06_1116	11-8-16	1125	G	W	6		
BCC_Area E_MW-E07_1116	11-8-16	1335	G	W	6		
BCC_Area E_R-17-17 D_1116	11-7-16	1245	G	W	6		
BCC_Area E_R-17-17 MS_1116	11-7-16	1300	G	W	6		
BCC_Area E_R-17-17 MSD_1116	11-7-16	1315	G	W	6		
Trip Blank		N/A	N/A	W	2		
Container Volume (ml)						2-V 4-P 1-A	
Preservation: 1- Ice 2- HCl (Hydrochloric) 3- H2SO4 (Sulfuric) 4- HNO3 (Nitric) 5- NaOH (Sodium Hydroxide) 6- Other						1000 250 100 50 25 10 5 2 1	
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown						☐ Return To Client ☒ 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: <i>Tom Wagner</i>		Company: <i>OSC</i>		Date/Time: <i>11/8/16 1600</i>		Received by: <i>Carroll</i>	
Relinquished by:		Company:		Date/Time:		Received by:	
Relinquished by:		Company:		Date/Time:		Received by:	

4.2 #1

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-109269-1

Login Number: 109269

List Source: TestAmerica Buffalo

List Number: 1

Creator: Conway, Curtis R

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.	N/A	
Chlorine Residual checked.	N/A	

ATTACHMENT E-3

STORM SEWER

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-94612-1

Client Project/Site: Buffalo Color Area E Storm Sewer

Sampling Event: Buffalo Color Area E Storm Sewer

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Andrew Madden



Authorized for release by:

2/18/2016 10:53:31 AM

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

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results through

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Have a Question?



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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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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

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
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.
X	Surrogate is outside control 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.
B	Compound was found in the blank and sample.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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)

Case Narrative

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

Job ID: 480-94612-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-94612-1

Comments

No additional comments.

Receipt

The samples were received on 2/2/2016 3:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.7° C.

GC/MS VOA

Method(s) 8260C: The results reported for the following sample had a positive detection for Chlorobenzene of 3.7 ug/L: TRIP BLANK (480-94612-3). Reanalysis was performed, and the result was confirmed.

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: 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 E DMH-E31 MS_0216 (480-94612-1[MS]) and BCC Area E DMH-E31 MSD_0216 (480-94612-1[MSD]). 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 480-286236 was outside criteria for the following analyte(s): 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.

Method(s) 8270D: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area E DMH-E31_0216 (480-94612-1), BCC Area E DMH-E31 MS_0216 (480-94612-1[MS]), BCC Area E DMH-E31 MSD_0216 (480-94612-1[MSD]) and BCC Area E DMH-E31 D_0216 (480-94612-2). Elevated reporting limits (RLs) are provided.

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 E DMH-E31 MS_0216 (480-94612-1[MS]). 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.

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 E Storm Sewer

TestAmerica Job ID: 480-94612-1

Client Sample ID: BCC Area E DMH-E31_0216

Lab Sample ID: 480-94612-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	1.8		1.0	0.41	ug/L	1		8260C	Total/NA
1,2-Dichlorobenzene	15		1.0	0.79	ug/L	1		8260C	Total/NA
1,3-Dichlorobenzene	1.7		1.0	0.78	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	5.4		1.0	0.84	ug/L	1		8260C	Total/NA
Benzene	3.8		1.0	0.41	ug/L	1		8260C	Total/NA
Chlorobenzene	29		1.0	0.75	ug/L	1		8260C	Total/NA
Ethylbenzene	0.89	J	1.0	0.74	ug/L	1		8260C	Total/NA
Toluene	0.58	J	1.0	0.51	ug/L	1		8260C	Total/NA
3-Nitroaniline	0.86	J F1	9.7	0.46	ug/L	1		8270D	Total/NA
Acenaphthene	0.81	J	4.8	0.40	ug/L	1		8270D	Total/NA
Aniline	14		9.7	0.59	ug/L	1		8270D	Total/NA
Carbazole	1.5	J	4.8	0.29	ug/L	1		8270D	Total/NA
Fluorene	0.47	J	4.8	0.35	ug/L	1		8270D	Total/NA
Naphthalene	1.1	J	4.8	0.73	ug/L	1		8270D	Total/NA
Nitrobenzene	1.3	J	4.8	0.28	ug/L	1		8270D	Total/NA
Phenanthrene	0.52	J	4.8	0.43	ug/L	1		8270D	Total/NA
Phenol	0.72	J	4.8	0.38	ug/L	1		8270D	Total/NA
2,4-Dinitrotoluene - DL	47	F1	24	2.2	ug/L	5		8270D	Total/NA
2,6-Dinitrotoluene - DL	93		24	1.9	ug/L	5		8270D	Total/NA

Client Sample ID: BCC Area E DMH-E31 D_0216

Lab Sample ID: 480-94612-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	1.9		1.0	0.41	ug/L	1		8260C	Total/NA
1,2-Dichlorobenzene	15		1.0	0.79	ug/L	1		8260C	Total/NA
1,3-Dichlorobenzene	1.7		1.0	0.78	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	5.4		1.0	0.84	ug/L	1		8260C	Total/NA
Benzene	3.6		1.0	0.41	ug/L	1		8260C	Total/NA
Chlorobenzene	29		1.0	0.75	ug/L	1		8260C	Total/NA
Ethylbenzene	0.87	J	1.0	0.74	ug/L	1		8260C	Total/NA
Toluene	0.51	J	1.0	0.51	ug/L	1		8260C	Total/NA
2-Chlorophenol	0.50	J	4.8	0.50	ug/L	1		8270D	Total/NA
3-Nitroaniline	0.96	J	9.5	0.46	ug/L	1		8270D	Total/NA
4-Chloroaniline	2.9	J	4.8	0.56	ug/L	1		8270D	Total/NA
Acenaphthene	0.90	J	4.8	0.39	ug/L	1		8270D	Total/NA
Aniline	16		9.5	0.58	ug/L	1		8270D	Total/NA
Benzaldehyde	0.32	J B	4.8	0.25	ug/L	1		8270D	Total/NA
Carbazole	1.5	J	4.8	0.29	ug/L	1		8270D	Total/NA
Fluorene	0.50	J	4.8	0.34	ug/L	1		8270D	Total/NA
Naphthalene	1.2	J	4.8	0.72	ug/L	1		8270D	Total/NA
Phenanthrene	0.52	J	4.8	0.42	ug/L	1		8270D	Total/NA
2,4-Dinitrotoluene - DL	54		24	2.1	ug/L	5		8270D	Total/NA
2,6-Dinitrotoluene - DL	110		24	1.9	ug/L	5		8270D	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-94612-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	3.7		1.0	0.75	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

Client Sample ID: BCC Area E DMH-E31_0216

Lab Sample ID: 480-94612-1

Date Collected: 02/02/16 10:00

Matrix: Water

Date Received: 02/02/16 15:20

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			02/03/16 02:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/03/16 02:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			02/03/16 02:12	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/03/16 02:12	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/03/16 02:12	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/03/16 02:12	1
1,2,4-Trichlorobenzene	1.8		1.0	0.41	ug/L			02/03/16 02:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			02/03/16 02:12	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			02/03/16 02:12	1
1,2-Dichlorobenzene	15		1.0	0.79	ug/L			02/03/16 02:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/03/16 02:12	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/03/16 02:12	1
1,3-Dichlorobenzene	1.7		1.0	0.78	ug/L			02/03/16 02:12	1
1,4-Dichlorobenzene	5.4		1.0	0.84	ug/L			02/03/16 02:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/03/16 02:12	1
2-Hexanone	ND		5.0	1.2	ug/L			02/03/16 02:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/03/16 02:12	1
Acetone	ND		10	3.0	ug/L			02/03/16 02:12	1
Benzene	3.8		1.0	0.41	ug/L			02/03/16 02:12	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/03/16 02:12	1
Bromoform	ND		1.0	0.26	ug/L			02/03/16 02:12	1
Bromomethane	ND		1.0	0.69	ug/L			02/03/16 02:12	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/03/16 02:12	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/03/16 02:12	1
Chlorobenzene	29		1.0	0.75	ug/L			02/03/16 02:12	1
Chloroethane	ND		1.0	0.32	ug/L			02/03/16 02:12	1
Chloroform	ND		1.0	0.34	ug/L			02/03/16 02:12	1
Chloromethane	ND		1.0	0.35	ug/L			02/03/16 02:12	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/03/16 02:12	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/03/16 02:12	1
Cyclohexane	ND		1.0	0.18	ug/L			02/03/16 02:12	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/03/16 02:12	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			02/03/16 02:12	1
Ethylbenzene	0.89 J		1.0	0.74	ug/L			02/03/16 02:12	1
Isopropylbenzene	ND		1.0	0.79	ug/L			02/03/16 02:12	1
Methyl acetate	ND		2.5	1.3	ug/L			02/03/16 02:12	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			02/03/16 02:12	1
Methylcyclohexane	ND		1.0	0.16	ug/L			02/03/16 02:12	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/03/16 02:12	1
Styrene	ND		1.0	0.73	ug/L			02/03/16 02:12	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/03/16 02:12	1
Toluene	0.58 J		1.0	0.51	ug/L			02/03/16 02:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/03/16 02:12	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/03/16 02:12	1
Trichloroethene	ND		1.0	0.46	ug/L			02/03/16 02:12	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			02/03/16 02:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/03/16 02:12	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/03/16 02:12	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

Client Sample ID: BCC Area E DMH-E31_0216

Lab Sample ID: 480-94612-1

Date Collected: 02/02/16 10:00

Matrix: Water

Date Received: 02/02/16 15:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		66 - 137		02/03/16 02:12	1
4-Bromofluorobenzene (Surr)	94		73 - 120		02/03/16 02:12	1
Toluene-d8 (Surr)	89		71 - 126		02/03/16 02:12	1
Dibromofluoromethane (Surr)	120		60 - 140		02/03/16 02:12	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		02/03/16 07:58	02/04/16 18:28	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		02/03/16 07:58	02/04/16 18:28	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		02/03/16 07:58	02/04/16 18:28	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		02/03/16 07:58	02/04/16 18:28	1
2,4-Dinitrophenol	ND		9.7	2.1	ug/L		02/03/16 07:58	02/04/16 18:28	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		02/03/16 07:58	02/04/16 18:28	1
2-Chlorophenol	ND		4.8	0.51	ug/L		02/03/16 07:58	02/04/16 18:28	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		02/03/16 07:58	02/04/16 18:28	1
2-Methylphenol	ND		4.8	0.39	ug/L		02/03/16 07:58	02/04/16 18:28	1
2-Nitroaniline	ND		9.7	0.41	ug/L		02/03/16 07:58	02/04/16 18:28	1
2-Nitrophenol	ND		4.8	0.46	ug/L		02/03/16 07:58	02/04/16 18:28	1
3,3'-Dichlorobenzidine	ND	F1	4.8	0.39	ug/L		02/03/16 07:58	02/04/16 18:28	1
3-Nitroaniline	0.86	J F1	9.7	0.46	ug/L		02/03/16 07:58	02/04/16 18:28	1
4,6-Dinitro-2-methylphenol	ND		9.7	2.1	ug/L		02/03/16 07:58	02/04/16 18:28	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		02/03/16 07:58	02/04/16 18:28	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		02/03/16 07:58	02/04/16 18:28	1
4-Chloroaniline	ND		4.8	0.57	ug/L		02/03/16 07:58	02/04/16 18:28	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		02/03/16 07:58	02/04/16 18:28	1
4-Methylphenol	ND		9.7	0.35	ug/L		02/03/16 07:58	02/04/16 18:28	1
4-Nitroaniline	ND	F1	9.7	0.24	ug/L		02/03/16 07:58	02/04/16 18:28	1
4-Nitrophenol	ND		9.7	1.5	ug/L		02/03/16 07:58	02/04/16 18:28	1
Acenaphthene	0.81	J	4.8	0.40	ug/L		02/03/16 07:58	02/04/16 18:28	1
Acenaphthylene	ND		4.8	0.37	ug/L		02/03/16 07:58	02/04/16 18:28	1
Acetophenone	ND		4.8	0.52	ug/L		02/03/16 07:58	02/04/16 18:28	1
Aniline	14		9.7	0.59	ug/L		02/03/16 07:58	02/04/16 18:28	1
Anthracene	ND		4.8	0.27	ug/L		02/03/16 07:58	02/04/16 18:28	1
Atrazine	ND		4.8	0.44	ug/L		02/03/16 07:58	02/04/16 18:28	1
Benzaldehyde	ND		4.8	0.26	ug/L		02/03/16 07:58	02/04/16 18:28	1
Benzo(a)anthracene	ND		4.8	0.35	ug/L		02/03/16 07:58	02/04/16 18:28	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		02/03/16 07:58	02/04/16 18:28	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		02/03/16 07:58	02/04/16 18:28	1
Benzo(g,h,i)perylene	ND	F1	4.8	0.34	ug/L		02/03/16 07:58	02/04/16 18:28	1
Benzo(k)fluoranthene	ND		4.8	0.71	ug/L		02/03/16 07:58	02/04/16 18:28	1
Biphenyl	ND		4.8	0.63	ug/L		02/03/16 07:58	02/04/16 18:28	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		02/03/16 07:58	02/04/16 18:28	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		02/03/16 07:58	02/04/16 18:28	1
Bis(2-chloroethyl)ether	ND		4.8	0.39	ug/L		02/03/16 07:58	02/04/16 18:28	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		02/03/16 07:58	02/04/16 18:28	1
Butyl benzyl phthalate	ND		4.8	0.41	ug/L		02/03/16 07:58	02/04/16 18:28	1
Caprolactam	ND		4.8	2.1	ug/L		02/03/16 07:58	02/04/16 18:28	1
Carbazole	1.5	J	4.8	0.29	ug/L		02/03/16 07:58	02/04/16 18:28	1
Chrysene	ND		4.8	0.32	ug/L		02/03/16 07:58	02/04/16 18:28	1
Dibenz(a,h)anthracene	ND		4.8	0.41	ug/L		02/03/16 07:58	02/04/16 18:28	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

Client Sample ID: BCC Area E DMH-E31_0216

Lab Sample ID: 480-94612-1

Date Collected: 02/02/16 10:00

Matrix: Water

Date Received: 02/02/16 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		9.7	0.49	ug/L		02/03/16 07:58	02/04/16 18:28	1
Diethyl phthalate	ND		4.8	0.21	ug/L		02/03/16 07:58	02/04/16 18:28	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		02/03/16 07:58	02/04/16 18:28	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		02/03/16 07:58	02/04/16 18:28	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		02/03/16 07:58	02/04/16 18:28	1
Fluoranthene	ND		4.8	0.39	ug/L		02/03/16 07:58	02/04/16 18:28	1
Fluorene	0.47	J	4.8	0.35	ug/L		02/03/16 07:58	02/04/16 18:28	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		02/03/16 07:58	02/04/16 18:28	1
Hexachlorobutadiene	ND		4.8	0.66	ug/L		02/03/16 07:58	02/04/16 18:28	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		02/03/16 07:58	02/04/16 18:28	1
Hexachloroethane	ND		4.8	0.57	ug/L		02/03/16 07:58	02/04/16 18:28	1
Indeno(1,2,3-cd)pyrene	ND	F1	4.8	0.45	ug/L		02/03/16 07:58	02/04/16 18:28	1
Isophorone	ND		4.8	0.42	ug/L		02/03/16 07:58	02/04/16 18:28	1
Naphthalene	1.1	J	4.8	0.73	ug/L		02/03/16 07:58	02/04/16 18:28	1
Nitrobenzene	1.3	J	4.8	0.28	ug/L		02/03/16 07:58	02/04/16 18:28	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		02/03/16 07:58	02/04/16 18:28	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		02/03/16 07:58	02/04/16 18:28	1
Pentachlorophenol	ND		9.7	2.1	ug/L		02/03/16 07:58	02/04/16 18:28	1
Phenanthrene	0.52	J	4.8	0.43	ug/L		02/03/16 07:58	02/04/16 18:28	1
Phenol	0.72	J	4.8	0.38	ug/L		02/03/16 07:58	02/04/16 18:28	1
Pyrene	ND		4.8	0.33	ug/L		02/03/16 07:58	02/04/16 18:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	94		52 - 132	02/03/16 07:58	02/04/16 18:28	1
2-Fluorobiphenyl	64		48 - 120	02/03/16 07:58	02/04/16 18:28	1
2-Fluorophenol	44		20 - 120	02/03/16 07:58	02/04/16 18:28	1
Nitrobenzene-d5	66		46 - 120	02/03/16 07:58	02/04/16 18:28	1
Phenol-d5	31		16 - 120	02/03/16 07:58	02/04/16 18:28	1
p-Terphenyl-d14	76		67 - 150	02/03/16 07:58	02/04/16 18:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	47	F1	24	2.2	ug/L		02/03/16 07:58	02/16/16 16:31	5
2,6-Dinitrotoluene	93		24	1.9	ug/L		02/03/16 07:58	02/16/16 16:31	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	86		52 - 132	02/03/16 07:58	02/16/16 16:31	5
2-Fluorobiphenyl	70		48 - 120	02/03/16 07:58	02/16/16 16:31	5
2-Fluorophenol	47		20 - 120	02/03/16 07:58	02/16/16 16:31	5
Nitrobenzene-d5	68		46 - 120	02/03/16 07:58	02/16/16 16:31	5
Phenol-d5	30		16 - 120	02/03/16 07:58	02/16/16 16:31	5
p-Terphenyl-d14	79		67 - 150	02/03/16 07:58	02/16/16 16:31	5

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

Client Sample ID: BCC Area E DMH-E31 D_0216

Lab Sample ID: 480-94612-2

Date Collected: 02/02/16 10:15

Matrix: Water

Date Received: 02/02/16 15:20

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			02/03/16 02:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/03/16 02:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			02/03/16 02:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/03/16 02:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/03/16 02:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/03/16 02:37	1
1,2,4-Trichlorobenzene	1.9		1.0	0.41	ug/L			02/03/16 02:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			02/03/16 02:37	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			02/03/16 02:37	1
1,2-Dichlorobenzene	15		1.0	0.79	ug/L			02/03/16 02:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/03/16 02:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/03/16 02:37	1
1,3-Dichlorobenzene	1.7		1.0	0.78	ug/L			02/03/16 02:37	1
1,4-Dichlorobenzene	5.4		1.0	0.84	ug/L			02/03/16 02:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/03/16 02:37	1
2-Hexanone	ND		5.0	1.2	ug/L			02/03/16 02:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/03/16 02:37	1
Acetone	ND		10	3.0	ug/L			02/03/16 02:37	1
Benzene	3.6		1.0	0.41	ug/L			02/03/16 02:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/03/16 02:37	1
Bromoform	ND		1.0	0.26	ug/L			02/03/16 02:37	1
Bromomethane	ND		1.0	0.69	ug/L			02/03/16 02:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/03/16 02:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/03/16 02:37	1
Chlorobenzene	29		1.0	0.75	ug/L			02/03/16 02:37	1
Chloroethane	ND		1.0	0.32	ug/L			02/03/16 02:37	1
Chloroform	ND		1.0	0.34	ug/L			02/03/16 02:37	1
Chloromethane	ND		1.0	0.35	ug/L			02/03/16 02:37	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/03/16 02:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/03/16 02:37	1
Cyclohexane	ND		1.0	0.18	ug/L			02/03/16 02:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/03/16 02:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			02/03/16 02:37	1
Ethylbenzene	0.87 J		1.0	0.74	ug/L			02/03/16 02:37	1
Isopropylbenzene	ND		1.0	0.79	ug/L			02/03/16 02:37	1
Methyl acetate	ND		2.5	1.3	ug/L			02/03/16 02:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			02/03/16 02:37	1
Methylcyclohexane	ND		1.0	0.16	ug/L			02/03/16 02:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/03/16 02:37	1
Styrene	ND		1.0	0.73	ug/L			02/03/16 02:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/03/16 02:37	1
Toluene	0.51 J		1.0	0.51	ug/L			02/03/16 02:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/03/16 02:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/03/16 02:37	1
Trichloroethene	ND		1.0	0.46	ug/L			02/03/16 02:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			02/03/16 02:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/03/16 02:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/03/16 02:37	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

Client Sample ID: BCC Area E DMH-E31 D_0216

Lab Sample ID: 480-94612-2

Date Collected: 02/02/16 10:15

Matrix: Water

Date Received: 02/02/16 15:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		66 - 137		02/03/16 02:37	1
4-Bromofluorobenzene (Surr)	96		73 - 120		02/03/16 02:37	1
Toluene-d8 (Surr)	89		71 - 126		02/03/16 02:37	1
Dibromofluoromethane (Surr)	119		60 - 140		02/03/16 02:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		02/03/16 07:58	02/04/16 18:56	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		02/03/16 07:58	02/04/16 18:56	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		02/03/16 07:58	02/04/16 18:56	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		02/03/16 07:58	02/04/16 18:56	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		02/03/16 07:58	02/04/16 18:56	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		02/03/16 07:58	02/04/16 18:56	1
2-Chlorophenol	0.50	J	4.8	0.50	ug/L		02/03/16 07:58	02/04/16 18:56	1
2-Methylnaphthalene	ND		4.8	0.57	ug/L		02/03/16 07:58	02/04/16 18:56	1
2-Methylphenol	ND		4.8	0.38	ug/L		02/03/16 07:58	02/04/16 18:56	1
2-Nitroaniline	ND		9.5	0.40	ug/L		02/03/16 07:58	02/04/16 18:56	1
2-Nitrophenol	ND		4.8	0.46	ug/L		02/03/16 07:58	02/04/16 18:56	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		02/03/16 07:58	02/04/16 18:56	1
3-Nitroaniline	0.96	J	9.5	0.46	ug/L		02/03/16 07:58	02/04/16 18:56	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		02/03/16 07:58	02/04/16 18:56	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		02/03/16 07:58	02/04/16 18:56	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		02/03/16 07:58	02/04/16 18:56	1
4-Chloroaniline	2.9	J	4.8	0.56	ug/L		02/03/16 07:58	02/04/16 18:56	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		02/03/16 07:58	02/04/16 18:56	1
4-Methylphenol	ND		9.5	0.34	ug/L		02/03/16 07:58	02/04/16 18:56	1
4-Nitroaniline	ND		9.5	0.24	ug/L		02/03/16 07:58	02/04/16 18:56	1
4-Nitrophenol	ND		9.5	1.4	ug/L		02/03/16 07:58	02/04/16 18:56	1
Acenaphthene	0.90	J	4.8	0.39	ug/L		02/03/16 07:58	02/04/16 18:56	1
Acenaphthylene	ND		4.8	0.36	ug/L		02/03/16 07:58	02/04/16 18:56	1
Acetophenone	ND		4.8	0.51	ug/L		02/03/16 07:58	02/04/16 18:56	1
Aniline	16		9.5	0.58	ug/L		02/03/16 07:58	02/04/16 18:56	1
Anthracene	ND		4.8	0.27	ug/L		02/03/16 07:58	02/04/16 18:56	1
Atrazine	ND		4.8	0.44	ug/L		02/03/16 07:58	02/04/16 18:56	1
Benzaldehyde	0.32	J B	4.8	0.25	ug/L		02/03/16 07:58	02/04/16 18:56	1
Benzo(a)anthracene	ND		4.8	0.34	ug/L		02/03/16 07:58	02/04/16 18:56	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		02/03/16 07:58	02/04/16 18:56	1
Benzo(b)fluoranthene	ND		4.8	0.32	ug/L		02/03/16 07:58	02/04/16 18:56	1
Benzo(g,h,i)perylene	ND		4.8	0.33	ug/L		02/03/16 07:58	02/04/16 18:56	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		02/03/16 07:58	02/04/16 18:56	1
Biphenyl	ND		4.8	0.62	ug/L		02/03/16 07:58	02/04/16 18:56	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		02/03/16 07:58	02/04/16 18:56	1
Bis(2-chloroethoxy)methane	ND		4.8	0.33	ug/L		02/03/16 07:58	02/04/16 18:56	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		02/03/16 07:58	02/04/16 18:56	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		02/03/16 07:58	02/04/16 18:56	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		02/03/16 07:58	02/04/16 18:56	1
Caprolactam	ND		4.8	2.1	ug/L		02/03/16 07:58	02/04/16 18:56	1
Carbazole	1.5	J	4.8	0.29	ug/L		02/03/16 07:58	02/04/16 18:56	1
Chrysene	ND		4.8	0.31	ug/L		02/03/16 07:58	02/04/16 18:56	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		02/03/16 07:58	02/04/16 18:56	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

Client Sample ID: BCC Area E DMH-E31 D_0216

Lab Sample ID: 480-94612-2

Date Collected: 02/02/16 10:15

Matrix: Water

Date Received: 02/02/16 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		9.5	0.49	ug/L		02/03/16 07:58	02/04/16 18:56	1
Diethyl phthalate	ND		4.8	0.21	ug/L		02/03/16 07:58	02/04/16 18:56	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		02/03/16 07:58	02/04/16 18:56	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		02/03/16 07:58	02/04/16 18:56	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		02/03/16 07:58	02/04/16 18:56	1
Fluoranthene	ND		4.8	0.38	ug/L		02/03/16 07:58	02/04/16 18:56	1
Fluorene	0.50	J	4.8	0.34	ug/L		02/03/16 07:58	02/04/16 18:56	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		02/03/16 07:58	02/04/16 18:56	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		02/03/16 07:58	02/04/16 18:56	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		02/03/16 07:58	02/04/16 18:56	1
Hexachloroethane	ND		4.8	0.56	ug/L		02/03/16 07:58	02/04/16 18:56	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		02/03/16 07:58	02/04/16 18:56	1
Isophorone	ND		4.8	0.41	ug/L		02/03/16 07:58	02/04/16 18:56	1
Naphthalene	1.2	J	4.8	0.72	ug/L		02/03/16 07:58	02/04/16 18:56	1
Nitrobenzene	ND		4.8	0.28	ug/L		02/03/16 07:58	02/04/16 18:56	1
N-Nitrosodi-n-propylamine	ND		4.8	0.51	ug/L		02/03/16 07:58	02/04/16 18:56	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		02/03/16 07:58	02/04/16 18:56	1
Pentachlorophenol	ND		9.5	2.1	ug/L		02/03/16 07:58	02/04/16 18:56	1
Phenanthrene	0.52	J	4.8	0.42	ug/L		02/03/16 07:58	02/04/16 18:56	1
Phenol	ND		4.8	0.37	ug/L		02/03/16 07:58	02/04/16 18:56	1
Pyrene	ND		4.8	0.32	ug/L		02/03/16 07:58	02/04/16 18:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	93		52 - 132	02/03/16 07:58	02/04/16 18:56	1
2-Fluorobiphenyl	71		48 - 120	02/03/16 07:58	02/04/16 18:56	1
2-Fluorophenol	47		20 - 120	02/03/16 07:58	02/04/16 18:56	1
Nitrobenzene-d5	74		46 - 120	02/03/16 07:58	02/04/16 18:56	1
Phenol-d5	34		16 - 120	02/03/16 07:58	02/04/16 18:56	1
p-Terphenyl-d14	75		67 - 150	02/03/16 07:58	02/04/16 18:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	54		24	2.1	ug/L		02/03/16 07:58	02/16/16 17:00	5
2,6-Dinitrotoluene	110		24	1.9	ug/L		02/03/16 07:58	02/16/16 17:00	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	80		52 - 132	02/03/16 07:58	02/16/16 17:00	5
2-Fluorobiphenyl	77		48 - 120	02/03/16 07:58	02/16/16 17:00	5
2-Fluorophenol	48		20 - 120	02/03/16 07:58	02/16/16 17:00	5
Nitrobenzene-d5	73		46 - 120	02/03/16 07:58	02/16/16 17:00	5
Phenol-d5	35		16 - 120	02/03/16 07:58	02/16/16 17:00	5
p-Terphenyl-d14	78		67 - 150	02/03/16 07:58	02/16/16 17:00	5

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

Client Sample ID: TRIP BLANK

Date Collected: 02/02/16 00:00

Date Received: 02/02/16 15:20

Lab Sample ID: 480-94612-3

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			02/03/16 19:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/03/16 19:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			02/03/16 19:33	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/03/16 19:33	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/03/16 19:33	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/03/16 19:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			02/03/16 19:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			02/03/16 19:33	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			02/03/16 19:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			02/03/16 19:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/03/16 19:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/03/16 19:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			02/03/16 19:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			02/03/16 19:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/03/16 19:33	1
2-Hexanone	ND		5.0	1.2	ug/L			02/03/16 19:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/03/16 19:33	1
Acetone	ND		10	3.0	ug/L			02/03/16 19:33	1
Benzene	ND		1.0	0.41	ug/L			02/03/16 19:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/03/16 19:33	1
Bromoform	ND		1.0	0.26	ug/L			02/03/16 19:33	1
Bromomethane	ND		1.0	0.69	ug/L			02/03/16 19:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/03/16 19:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/03/16 19:33	1
Chlorobenzene	3.7		1.0	0.75	ug/L			02/03/16 19:33	1
Chloroethane	ND		1.0	0.32	ug/L			02/03/16 19:33	1
Chloroform	ND		1.0	0.34	ug/L			02/03/16 19:33	1
Chloromethane	ND		1.0	0.35	ug/L			02/03/16 19:33	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/03/16 19:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/03/16 19:33	1
Cyclohexane	ND		1.0	0.18	ug/L			02/03/16 19:33	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/03/16 19:33	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			02/03/16 19:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/03/16 19:33	1
Isopropylbenzene	ND		1.0	0.79	ug/L			02/03/16 19:33	1
Methyl acetate	ND		2.5	1.3	ug/L			02/03/16 19:33	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			02/03/16 19:33	1
Methylcyclohexane	ND		1.0	0.16	ug/L			02/03/16 19:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/03/16 19:33	1
Styrene	ND		1.0	0.73	ug/L			02/03/16 19:33	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/03/16 19:33	1
Toluene	ND		1.0	0.51	ug/L			02/03/16 19:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/03/16 19:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/03/16 19:33	1
Trichloroethene	ND		1.0	0.46	ug/L			02/03/16 19:33	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			02/03/16 19:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/03/16 19:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/03/16 19:33	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

Client Sample ID: TRIP BLANK

Date Collected: 02/02/16 00:00

Date Received: 02/02/16 15:20

Lab Sample ID: 480-94612-3

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	108		66 - 137		02/03/16 19:33	1
4-Bromofluorobenzene (Surr)	96		73 - 120		02/03/16 19:33	1
Toluene-d8 (Surr)	92		71 - 126		02/03/16 19:33	1
Dibromofluoromethane (Surr)	111		60 - 140		02/03/16 19:33	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (66-137)	BFB (73-120)	TOL (71-126)	DBFM (60-140)
480-94612-1	BCC Area E DMH-E31_0216	119	94	89	120
480-94612-1 MS	BCC Area E DMH-E31 MS_0216	108	102	95	109
480-94612-1 MSD	BCC Area E DMH-E31 MSD_0216	105	101	96	108
480-94612-2	BCC Area E DMH-E31 D_0216	113	96	89	119
480-94612-3	TRIP BLANK	108	96	92	111
LCS 480-285936/4	Lab Control Sample	109	103	96	113
LCS 480-286127/4	Lab Control Sample	105	101	94	106
MB 480-285936/6	Method Blank	113	95	90	114
MB 480-286127/6	Method Blank	111	95	88	115

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: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-94612-1	BCC Area E DMH-E31_0216	94	64	44	66	31	76
480-94612-1 - DL	BCC Area E DMH-E31_0216	86	70	47	68	30	79
480-94612-1 MS	BCC Area E DMH-E31 MS_0216	93	69	57	75	40	65 X
480-94612-1 MS - DL	BCC Area E DMH-E31 MS_0216	81	73	53	75	41	64 X
480-94612-1 MSD	BCC Area E DMH-E31 MSD_0216	101	75	61	80	43	65 X
480-94612-1 MSD - DL	BCC Area E DMH-E31 MSD_0216	93	85	59	82	46	72
480-94612-2	BCC Area E DMH-E31 D_0216	93	71	47	74	34	75
480-94612-2 - DL	BCC Area E DMH-E31 D_0216	80	77	48	73	35	78
LCS 480-285982/2-A	Lab Control Sample	87	75	64	79	47	85
MB 480-285982/1-A	Method Blank	85	85	58	91	40	92

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPH = p-Terphenyl-d14

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

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

Lab Sample ID: MB 480-285936/6

Matrix: Water

Analysis Batch: 285936

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			02/02/16 20:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/02/16 20:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			02/02/16 20:28	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/02/16 20:28	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/02/16 20:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/02/16 20:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			02/02/16 20:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			02/02/16 20:28	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			02/02/16 20:28	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			02/02/16 20:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/02/16 20:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/02/16 20:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			02/02/16 20:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			02/02/16 20:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/02/16 20:28	1
2-Hexanone	ND		5.0	1.2	ug/L			02/02/16 20:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/02/16 20:28	1
Acetone	ND		10	3.0	ug/L			02/02/16 20:28	1
Benzene	ND		1.0	0.41	ug/L			02/02/16 20:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/02/16 20:28	1
Bromoform	ND		1.0	0.26	ug/L			02/02/16 20:28	1
Bromomethane	ND		1.0	0.69	ug/L			02/02/16 20:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/02/16 20:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/02/16 20:28	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/02/16 20:28	1
Chloroethane	ND		1.0	0.32	ug/L			02/02/16 20:28	1
Chloroform	ND		1.0	0.34	ug/L			02/02/16 20:28	1
Chloromethane	ND		1.0	0.35	ug/L			02/02/16 20:28	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/02/16 20:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/02/16 20:28	1
Cyclohexane	ND		1.0	0.18	ug/L			02/02/16 20:28	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/02/16 20:28	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			02/02/16 20:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/02/16 20:28	1
Isopropylbenzene	ND		1.0	0.79	ug/L			02/02/16 20:28	1
Methyl acetate	ND		2.5	1.3	ug/L			02/02/16 20:28	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			02/02/16 20:28	1
Methylcyclohexane	ND		1.0	0.16	ug/L			02/02/16 20:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/02/16 20:28	1
Styrene	ND		1.0	0.73	ug/L			02/02/16 20:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/02/16 20:28	1
Toluene	ND		1.0	0.51	ug/L			02/02/16 20:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/02/16 20:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/02/16 20:28	1
Trichloroethene	ND		1.0	0.46	ug/L			02/02/16 20:28	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			02/02/16 20:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/02/16 20:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/02/16 20:28	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

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

Lab Sample ID: MB 480-285936/6

Matrix: Water

Analysis Batch: 285936

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		66 - 137		02/02/16 20:28	1
4-Bromofluorobenzene (Surr)	95		73 - 120		02/02/16 20:28	1
Toluene-d8 (Surr)	90		71 - 126		02/02/16 20:28	1
Dibromofluoromethane (Surr)	114		60 - 140		02/02/16 20:28	1

Lab Sample ID: LCS 480-285936/4

Matrix: Water

Analysis Batch: 285936

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	25.8		ug/L		103	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.3		ug/L		93	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	24.1		ug/L		96	76 - 122
1,1-Dichloroethane	25.0	26.1		ug/L		104	71 - 129
1,1-Dichloroethene	25.0	23.8		ug/L		95	58 - 121
1,2,4-Trichlorobenzene	25.0	22.3		ug/L		89	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	20.0		ug/L		80	56 - 134
1,2-Dibromoethane	25.0	23.9		ug/L		95	77 - 120
1,2-Dichlorobenzene	25.0	22.7		ug/L		91	80 - 124
1,2-Dichloroethane	25.0	25.4		ug/L		102	75 - 127
1,2-Dichloropropane	25.0	27.2		ug/L		109	76 - 120
1,3-Dichlorobenzene	25.0	23.1		ug/L		92	77 - 120
1,4-Dichlorobenzene	25.0	23.4		ug/L		94	75 - 120
2-Butanone (MEK)	125	117		ug/L		94	57 - 140
2-Hexanone	125	101		ug/L		81	65 - 127
4-Methyl-2-pentanone (MIBK)	125	99.5		ug/L		80	71 - 125
Acetone	125	137		ug/L		110	56 - 142
Benzene	25.0	26.6		ug/L		106	71 - 124
Bromodichloromethane	25.0	26.3		ug/L		105	80 - 122
Bromoform	25.0	25.2		ug/L		101	52 - 132
Bromomethane	25.0	27.5		ug/L		110	55 - 144
Carbon disulfide	25.0	25.7		ug/L		103	59 - 134
Carbon tetrachloride	25.0	27.7		ug/L		111	72 - 134
Chlorobenzene	25.0	24.5		ug/L		98	72 - 120
Chloroethane	25.0	26.8		ug/L		107	69 - 136
Chloroform	25.0	25.3		ug/L		101	73 - 127
Chloromethane	25.0	22.5		ug/L		90	68 - 124
cis-1,2-Dichloroethene	25.0	25.5		ug/L		102	74 - 124
cis-1,3-Dichloropropene	25.0	26.0		ug/L		104	74 - 124
Cyclohexane	25.0	24.9		ug/L		100	59 - 135
Dibromochloromethane	25.0	23.6		ug/L		94	75 - 125
Dichlorodifluoromethane	25.0	24.4		ug/L		98	59 - 135
Ethylbenzene	25.0	22.5		ug/L		90	77 - 123
Isopropylbenzene	25.0	20.6		ug/L		82	77 - 122
Methyl acetate	125	116		ug/L		92	74 - 133
Methyl tert-butyl ether	25.0	24.2		ug/L		97	64 - 127

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

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

Lab Sample ID: LCS 480-285936/4

Matrix: Water

Analysis Batch: 285936

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylcyclohexane	25.0	24.5		ug/L		98	61 - 138
Methylene Chloride	25.0	27.0		ug/L		108	57 - 132
Styrene	25.0	23.5		ug/L		94	70 - 130
Tetrachloroethene	25.0	25.1		ug/L		100	74 - 122
Toluene	25.0	23.1		ug/L		92	80 - 122
trans-1,2-Dichloroethene	25.0	26.3		ug/L		105	73 - 127
trans-1,3-Dichloropropene	25.0	23.0		ug/L		92	72 - 123
Trichloroethene	25.0	25.5		ug/L		102	74 - 123
Trichlorofluoromethane	25.0	27.7		ug/L		111	62 - 152
Vinyl chloride	25.0	25.1		ug/L		101	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)	103		73 - 120
Toluene-d8 (Surr)	96		71 - 126
Dibromofluoromethane (Surr)	113		60 - 140

Lab Sample ID: 480-94612-1 MS

Matrix: Water

Analysis Batch: 285936

Client Sample ID: BCC Area E DMH-E31 MS_0216

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	30.1		ug/L		120	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	24.2		ug/L		97	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	29.3		ug/L		117	52 - 148
1,1,2-Trichloroethane	ND		25.0	25.6		ug/L		103	76 - 122
1,1-Dichloroethane	ND		25.0	28.8		ug/L		115	71 - 129
1,1-Dichloroethene	ND		25.0	28.1		ug/L		113	58 - 121
1,2,4-Trichlorobenzene	1.8		25.0	25.7		ug/L		95	70 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	21.3		ug/L		85	56 - 134
1,2-Dibromoethane	ND		25.0	25.3		ug/L		101	77 - 120
1,2-Dichlorobenzene	15		25.0	37.2		ug/L		90	80 - 124
1,2-Dichloroethane	ND		25.0	27.5		ug/L		110	75 - 127
1,2-Dichloropropane	ND		25.0	29.4		ug/L		117	76 - 120
1,3-Dichlorobenzene	1.7		25.0	26.5		ug/L		99	77 - 120
1,4-Dichlorobenzene	5.4		25.0	28.8		ug/L		94	75 - 120
2-Butanone (MEK)	ND		125	125		ug/L		100	57 - 140
2-Hexanone	ND		125	107		ug/L		85	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	107		ug/L		85	71 - 125
Acetone	ND		125	128		ug/L		102	56 - 142
Benzene	3.8		25.0	33.3		ug/L		118	71 - 124
Bromodichloromethane	ND		25.0	29.3		ug/L		117	80 - 122
Bromoform	ND		25.0	27.5		ug/L		110	52 - 132
Bromomethane	ND		25.0	30.2		ug/L		121	55 - 144
Carbon disulfide	ND		25.0	29.3		ug/L		117	59 - 134
Carbon tetrachloride	ND		25.0	32.0		ug/L		128	72 - 134

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

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

Lab Sample ID: 480-94612-1 MS

Matrix: Water

Analysis Batch: 285936

Client Sample ID: BCC Area E DMH-E31 MS_0216

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobenzene	29		25.0	54.0		ug/L		100	72 - 120
Chloroethane	ND		25.0	30.1		ug/L		120	69 - 136
Chloroform	ND		25.0	28.5		ug/L		114	73 - 127
Chloromethane	ND		25.0	25.8		ug/L		103	68 - 124
cis-1,2-Dichloroethene	ND		25.0	28.7		ug/L		115	74 - 124
cis-1,3-Dichloropropene	ND		25.0	26.7		ug/L		107	74 - 124
Cyclohexane	ND		25.0	28.5		ug/L		114	59 - 135
Dibromochloromethane	ND		25.0	26.0		ug/L		104	75 - 125
Dichlorodifluoromethane	ND		25.0	26.7		ug/L		107	59 - 135
Ethylbenzene	0.89	J	25.0	25.9		ug/L		100	77 - 123
Isopropylbenzene	ND		25.0	22.9		ug/L		92	77 - 122
Methyl acetate	ND		125	119		ug/L		95	74 - 133
Methyl tert-butyl ether	ND		25.0	26.8		ug/L		107	64 - 127
Methylcyclohexane	ND		25.0	27.5		ug/L		110	61 - 138
Methylene Chloride	ND		25.0	29.3		ug/L		117	57 - 132
Styrene	ND		25.0	26.0		ug/L		104	70 - 130
Tetrachloroethene	ND		25.0	28.7		ug/L		115	74 - 122
Toluene	0.58	J	25.0	26.7		ug/L		104	80 - 122
trans-1,2-Dichloroethene	ND		25.0	29.2		ug/L		117	73 - 127
trans-1,3-Dichloropropene	ND		25.0	23.9		ug/L		96	72 - 123
Trichloroethene	ND		25.0	27.9		ug/L		112	74 - 123
Trichlorofluoromethane	ND		25.0	32.1		ug/L		128	62 - 152
Vinyl chloride	ND		25.0	29.4		ug/L		118	65 - 133
Xylenes, Total	ND		50.0	52.4		ug/L		105	76 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		66 - 137
4-Bromofluorobenzene (Surr)	102		73 - 120
Toluene-d8 (Surr)	95		71 - 126
Dibromofluoromethane (Surr)	109		60 - 140

Lab Sample ID: 480-94612-1 MSD

Matrix: Water

Analysis Batch: 285936

Client Sample ID: BCC Area E DMH-E31 MSD_0216

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	29.8		ug/L		119	73 - 126	1	15
1,1,2,2-Tetrachloroethane	ND		25.0	24.2		ug/L		97	70 - 126	0	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	28.8		ug/L		115	52 - 148	2	20
1,1,2-Trichloroethane	ND		25.0	26.4		ug/L		106	76 - 122	3	15
1,1-Dichloroethane	ND		25.0	28.6		ug/L		114	71 - 129	1	20
1,1-Dichloroethene	ND		25.0	28.4		ug/L		114	58 - 121	1	16
1,2,4-Trichlorobenzene	1.8		25.0	26.1		ug/L		97	70 - 122	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	20.7		ug/L		83	56 - 134	3	15
1,2-Dibromoethane	ND		25.0	25.3		ug/L		101	77 - 120	0	15
1,2-Dichlorobenzene	15		25.0	36.9		ug/L		89	80 - 124	1	20
1,2-Dichloroethane	ND		25.0	27.5		ug/L		110	75 - 127	0	20

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

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

Lab Sample ID: 480-94612-1 MSD

Client Sample ID: BCC Area E DMH-E31 MSD_0216

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 285936

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	ND		25.0	28.8		ug/L		115	76 - 120	2	20
1,3-Dichlorobenzene	1.7		25.0	26.4		ug/L		99	77 - 120	1	20
1,4-Dichlorobenzene	5.4		25.0	28.7		ug/L		93	75 - 120	0	20
2-Butanone (MEK)	ND		125	121		ug/L		96	57 - 140	4	20
2-Hexanone	ND		125	109		ug/L		87	65 - 127	2	15
4-Methyl-2-pentanone (MIBK)	ND		125	108		ug/L		86	71 - 125	1	35
Acetone	ND		125	125		ug/L		100	56 - 142	2	15
Benzene	3.8		25.0	32.9		ug/L		117	71 - 124	1	13
Bromodichloromethane	ND		25.0	28.1		ug/L		112	80 - 122	4	15
Bromoform	ND		25.0	27.9		ug/L		112	52 - 132	2	15
Bromomethane	ND		25.0	29.5		ug/L		118	55 - 144	2	15
Carbon disulfide	ND		25.0	30.0		ug/L		120	59 - 134	2	15
Carbon tetrachloride	ND		25.0	32.1		ug/L		128	72 - 134	0	15
Chlorobenzene	29		25.0	54.1		ug/L		101	72 - 120	0	25
Chloroethane	ND		25.0	29.5		ug/L		118	69 - 136	2	15
Chloroform	ND		25.0	27.5		ug/L		110	73 - 127	3	20
Chloromethane	ND		25.0	24.6		ug/L		98	68 - 124	5	15
cis-1,2-Dichloroethene	ND		25.0	28.3		ug/L		113	74 - 124	1	15
cis-1,3-Dichloropropene	ND		25.0	26.8		ug/L		107	74 - 124	0	15
Cyclohexane	ND		25.0	28.2		ug/L		113	59 - 135	1	20
Dibromochloromethane	ND		25.0	26.3		ug/L		105	75 - 125	1	15
Dichlorodifluoromethane	ND		25.0	25.0		ug/L		100	59 - 135	7	20
Ethylbenzene	0.89	J	25.0	26.5		ug/L		103	77 - 123	2	15
Isopropylbenzene	ND		25.0	22.7		ug/L		91	77 - 122	1	20
Methyl acetate	ND		125	116		ug/L		93	74 - 133	3	20
Methyl tert-butyl ether	ND		25.0	26.2		ug/L		105	64 - 127	2	37
Methylcyclohexane	ND		25.0	27.6		ug/L		110	61 - 138	0	20
Methylene Chloride	ND		25.0	29.1		ug/L		116	57 - 132	1	15
Styrene	ND		25.0	26.1		ug/L		104	70 - 130	0	20
Tetrachloroethene	ND		25.0	28.8		ug/L		115	74 - 122	0	20
Toluene	0.58	J	25.0	26.8		ug/L		105	80 - 122	0	15
trans-1,2-Dichloroethene	ND		25.0	29.4		ug/L		118	73 - 127	0	20
trans-1,3-Dichloropropene	ND		25.0	24.7		ug/L		99	72 - 123	3	15
Trichloroethene	ND		25.0	27.8		ug/L		111	74 - 123	0	16
Trichlorofluoromethane	ND		25.0	31.0		ug/L		124	62 - 152	4	20
Vinyl chloride	ND		25.0	28.8		ug/L		115	65 - 133	2	15
Xylenes, Total	ND		50.0	53.2		ug/L		106	76 - 122	2	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		66 - 137
4-Bromofluorobenzene (Surr)	101		73 - 120
Toluene-d8 (Surr)	96		71 - 126
Dibromofluoromethane (Surr)	108		60 - 140

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

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

Lab Sample ID: MB 480-286127/6

Matrix: Water

Analysis Batch: 286127

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			02/03/16 19:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/03/16 19:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			02/03/16 19:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/03/16 19:08	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/03/16 19:08	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/03/16 19:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			02/03/16 19:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			02/03/16 19:08	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			02/03/16 19:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			02/03/16 19:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/03/16 19:08	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/03/16 19:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			02/03/16 19:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			02/03/16 19:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/03/16 19:08	1
2-Hexanone	ND		5.0	1.2	ug/L			02/03/16 19:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/03/16 19:08	1
Acetone	ND		10	3.0	ug/L			02/03/16 19:08	1
Benzene	ND		1.0	0.41	ug/L			02/03/16 19:08	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/03/16 19:08	1
Bromoform	ND		1.0	0.26	ug/L			02/03/16 19:08	1
Bromomethane	ND		1.0	0.69	ug/L			02/03/16 19:08	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/03/16 19:08	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/03/16 19:08	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/03/16 19:08	1
Chloroethane	ND		1.0	0.32	ug/L			02/03/16 19:08	1
Chloroform	ND		1.0	0.34	ug/L			02/03/16 19:08	1
Chloromethane	ND		1.0	0.35	ug/L			02/03/16 19:08	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/03/16 19:08	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/03/16 19:08	1
Cyclohexane	ND		1.0	0.18	ug/L			02/03/16 19:08	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/03/16 19:08	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			02/03/16 19:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/03/16 19:08	1
Isopropylbenzene	ND		1.0	0.79	ug/L			02/03/16 19:08	1
Methyl acetate	ND		2.5	1.3	ug/L			02/03/16 19:08	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			02/03/16 19:08	1
Methylcyclohexane	ND		1.0	0.16	ug/L			02/03/16 19:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/03/16 19:08	1
Styrene	ND		1.0	0.73	ug/L			02/03/16 19:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/03/16 19:08	1
Toluene	ND		1.0	0.51	ug/L			02/03/16 19:08	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/03/16 19:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/03/16 19:08	1
Trichloroethene	ND		1.0	0.46	ug/L			02/03/16 19:08	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			02/03/16 19:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/03/16 19:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/03/16 19:08	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

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

Lab Sample ID: MB 480-286127/6

Matrix: Water

Analysis Batch: 286127

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		66 - 137		02/03/16 19:08	1
4-Bromofluorobenzene (Surr)	95		73 - 120		02/03/16 19:08	1
Toluene-d8 (Surr)	88		71 - 126		02/03/16 19:08	1
Dibromofluoromethane (Surr)	115		60 - 140		02/03/16 19:08	1

Lab Sample ID: LCS 480-286127/4

Matrix: Water

Analysis Batch: 286127

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	27.2		ug/L		109	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	27.2		ug/L		109	52 - 148
1,1,2-Trichloroethane	25.0	24.8		ug/L		99	76 - 122
1,1-Dichloroethane	25.0	26.3		ug/L		105	71 - 129
1,1-Dichloroethene	25.0	25.7		ug/L		103	58 - 121
1,2,4-Trichlorobenzene	25.0	24.5		ug/L		98	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	21.0		ug/L		84	56 - 134
1,2-Dibromoethane	25.0	25.0		ug/L		100	77 - 120
1,2-Dichlorobenzene	25.0	24.4		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	25.8		ug/L		103	75 - 127
1,2-Dichloropropane	25.0	27.5		ug/L		110	76 - 120
1,3-Dichlorobenzene	25.0	24.4		ug/L		97	77 - 120
1,4-Dichlorobenzene	25.0	24.3		ug/L		97	75 - 120
2-Butanone (MEK)	125	118		ug/L		94	57 - 140
2-Hexanone	125	112		ug/L		90	65 - 127
4-Methyl-2-pentanone (MIBK)	125	105		ug/L		84	71 - 125
Acetone	125	119		ug/L		95	56 - 142
Benzene	25.0	27.1		ug/L		108	71 - 124
Bromodichloromethane	25.0	27.2		ug/L		109	80 - 122
Bromoform	25.0	26.8		ug/L		107	52 - 132
Bromomethane	25.0	27.6		ug/L		111	55 - 144
Carbon disulfide	25.0	26.6		ug/L		107	59 - 134
Carbon tetrachloride	25.0	29.2		ug/L		117	72 - 134
Chlorobenzene	25.0	25.2		ug/L		101	72 - 120
Chloroethane	25.0	27.4		ug/L		110	69 - 136
Chloroform	25.0	25.5		ug/L		102	73 - 127
Chloromethane	25.0	22.3		ug/L		89	68 - 124
cis-1,2-Dichloroethene	25.0	26.4		ug/L		106	74 - 124
cis-1,3-Dichloropropene	25.0	27.0		ug/L		108	74 - 124
Cyclohexane	25.0	26.3		ug/L		105	59 - 135
Dibromochloromethane	25.0	25.4		ug/L		102	75 - 125
Dichlorodifluoromethane	25.0	23.7		ug/L		95	59 - 135
Ethylbenzene	25.0	23.5		ug/L		94	77 - 123
Isopropylbenzene	25.0	22.5		ug/L		90	77 - 122
Methyl acetate	125	115		ug/L		92	74 - 133
Methyl tert-butyl ether	25.0	25.3		ug/L		101	64 - 127

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

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

Lab Sample ID: LCS 480-286127/4

Matrix: Water

Analysis Batch: 286127

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylcyclohexane	25.0	26.5		ug/L		106	61 - 138
Methylene Chloride	25.0	27.8		ug/L		111	57 - 132
Styrene	25.0	24.5		ug/L		98	70 - 130
Tetrachloroethene	25.0	26.5		ug/L		106	74 - 122
Toluene	25.0	24.5		ug/L		98	80 - 122
trans-1,2-Dichloroethene	25.0	26.7		ug/L		107	73 - 127
trans-1,3-Dichloropropene	25.0	23.9		ug/L		96	72 - 123
Trichloroethene	25.0	26.6		ug/L		107	74 - 123
Trichlorofluoromethane	25.0	28.7		ug/L		115	62 - 152
Vinyl chloride	25.0	25.8		ug/L		103	65 - 133
Xylenes, Total	50.0	49.7		ug/L		99	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		66 - 137
4-Bromofluorobenzene (Surr)	101		73 - 120
Toluene-d8 (Surr)	94		71 - 126
Dibromofluoromethane (Surr)	106		60 - 140

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

Lab Sample ID: MB 480-285982/1-A

Matrix: Water

Analysis Batch: 286236

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 285982

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		02/03/16 07:58	02/04/16 14:37	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		02/03/16 07:58	02/04/16 14:37	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		02/03/16 07:58	02/04/16 14:37	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		02/03/16 07:58	02/04/16 14:37	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		02/03/16 07:58	02/04/16 14:37	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		02/03/16 07:58	02/04/16 14:37	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		02/03/16 07:58	02/04/16 14:37	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		02/03/16 07:58	02/04/16 14:37	1
2-Chlorophenol	ND		5.0	0.53	ug/L		02/03/16 07:58	02/04/16 14:37	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		02/03/16 07:58	02/04/16 14:37	1
2-Methylphenol	ND		5.0	0.40	ug/L		02/03/16 07:58	02/04/16 14:37	1
2-Nitroaniline	ND		10	0.42	ug/L		02/03/16 07:58	02/04/16 14:37	1
2-Nitrophenol	ND		5.0	0.48	ug/L		02/03/16 07:58	02/04/16 14:37	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		02/03/16 07:58	02/04/16 14:37	1
3-Nitroaniline	ND		10	0.48	ug/L		02/03/16 07:58	02/04/16 14:37	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		02/03/16 07:58	02/04/16 14:37	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		02/03/16 07:58	02/04/16 14:37	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		02/03/16 07:58	02/04/16 14:37	1
4-Chloroaniline	ND		5.0	0.59	ug/L		02/03/16 07:58	02/04/16 14:37	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		02/03/16 07:58	02/04/16 14:37	1
4-Methylphenol	ND		10	0.36	ug/L		02/03/16 07:58	02/04/16 14:37	1
4-Nitroaniline	ND		10	0.25	ug/L		02/03/16 07:58	02/04/16 14:37	1
4-Nitrophenol	ND		10	1.5	ug/L		02/03/16 07:58	02/04/16 14:37	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

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

Lab Sample ID: MB 480-285982/1-A

Matrix: Water

Analysis Batch: 286236

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 285982

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		02/03/16 07:58	02/04/16 14:37	1
Acenaphthylene	ND		5.0	0.38	ug/L		02/03/16 07:58	02/04/16 14:37	1
Acetophenone	ND		5.0	0.54	ug/L		02/03/16 07:58	02/04/16 14:37	1
Aniline	ND		10	0.61	ug/L		02/03/16 07:58	02/04/16 14:37	1
Anthracene	ND		5.0	0.28	ug/L		02/03/16 07:58	02/04/16 14:37	1
Atrazine	ND		5.0	0.46	ug/L		02/03/16 07:58	02/04/16 14:37	1
Benzaldehyde	0.331	J	5.0	0.27	ug/L		02/03/16 07:58	02/04/16 14:37	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		02/03/16 07:58	02/04/16 14:37	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		02/03/16 07:58	02/04/16 14:37	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		02/03/16 07:58	02/04/16 14:37	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		02/03/16 07:58	02/04/16 14:37	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		02/03/16 07:58	02/04/16 14:37	1
Biphenyl	ND		5.0	0.65	ug/L		02/03/16 07:58	02/04/16 14:37	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		02/03/16 07:58	02/04/16 14:37	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		02/03/16 07:58	02/04/16 14:37	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		02/03/16 07:58	02/04/16 14:37	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		02/03/16 07:58	02/04/16 14:37	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		02/03/16 07:58	02/04/16 14:37	1
Caprolactam	ND		5.0	2.2	ug/L		02/03/16 07:58	02/04/16 14:37	1
Carbazole	ND		5.0	0.30	ug/L		02/03/16 07:58	02/04/16 14:37	1
Chrysene	ND		5.0	0.33	ug/L		02/03/16 07:58	02/04/16 14:37	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		02/03/16 07:58	02/04/16 14:37	1
Dibenzofuran	ND		10	0.51	ug/L		02/03/16 07:58	02/04/16 14:37	1
Diethyl phthalate	ND		5.0	0.22	ug/L		02/03/16 07:58	02/04/16 14:37	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		02/03/16 07:58	02/04/16 14:37	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		02/03/16 07:58	02/04/16 14:37	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		02/03/16 07:58	02/04/16 14:37	1
Fluoranthene	ND		5.0	0.40	ug/L		02/03/16 07:58	02/04/16 14:37	1
Fluorene	ND		5.0	0.36	ug/L		02/03/16 07:58	02/04/16 14:37	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		02/03/16 07:58	02/04/16 14:37	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		02/03/16 07:58	02/04/16 14:37	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		02/03/16 07:58	02/04/16 14:37	1
Hexachloroethane	ND		5.0	0.59	ug/L		02/03/16 07:58	02/04/16 14:37	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		02/03/16 07:58	02/04/16 14:37	1
Isophorone	ND		5.0	0.43	ug/L		02/03/16 07:58	02/04/16 14:37	1
Naphthalene	ND		5.0	0.76	ug/L		02/03/16 07:58	02/04/16 14:37	1
Nitrobenzene	ND		5.0	0.29	ug/L		02/03/16 07:58	02/04/16 14:37	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		02/03/16 07:58	02/04/16 14:37	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		02/03/16 07:58	02/04/16 14:37	1
Pentachlorophenol	ND		10	2.2	ug/L		02/03/16 07:58	02/04/16 14:37	1
Phenanthrene	ND		5.0	0.44	ug/L		02/03/16 07:58	02/04/16 14:37	1
Phenol	ND		5.0	0.39	ug/L		02/03/16 07:58	02/04/16 14:37	1
Pyrene	ND		5.0	0.34	ug/L		02/03/16 07:58	02/04/16 14:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	85		52 - 132	02/03/16 07:58	02/04/16 14:37	1
2-Fluorobiphenyl	85		48 - 120	02/03/16 07:58	02/04/16 14:37	1
2-Fluorophenol	58		20 - 120	02/03/16 07:58	02/04/16 14:37	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

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

Lab Sample ID: MB 480-285982/1-A

Matrix: Water

Analysis Batch: 286236

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 285982

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	91		46 - 120	02/03/16 07:58	02/04/16 14:37	1
Phenol-d5	40		16 - 120	02/03/16 07:58	02/04/16 14:37	1
p-Terphenyl-d14	92		67 - 150	02/03/16 07:58	02/04/16 14:37	1

Lab Sample ID: LCS 480-285982/2-A

Matrix: Water

Analysis Batch: 286236

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 285982

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
2,4,5-Trichlorophenol	16.0	12.8		ug/L		80	65 - 126
2,4,6-Trichlorophenol	16.0	13.2		ug/L		83	64 - 120
2,4-Dichlorophenol	16.0	13.3		ug/L		83	64 - 120
2,4-Dimethylphenol	16.0	12.7		ug/L		79	57 - 120
2,4-Dinitrophenol	32.0	21.5		ug/L		67	42 - 153
2,4-Dinitrotoluene	16.0	13.9		ug/L		87	65 - 154
2,6-Dinitrotoluene	16.0	14.0		ug/L		87	74 - 134
2-Chloronaphthalene	16.0	12.8		ug/L		80	41 - 124
2-Chlorophenol	16.0	12.2		ug/L		76	48 - 120
2-Methylnaphthalene	16.0	12.4		ug/L		78	34 - 122
2-Methylphenol	16.0	12.4		ug/L		78	39 - 120
2-Nitroaniline	16.0	14.1		ug/L		88	67 - 136
2-Nitrophenol	16.0	13.0		ug/L		81	59 - 120
3,3'-Dichlorobenzidine	32.0	30.5		ug/L		95	33 - 140
3-Nitroaniline	16.0	14.2		ug/L		89	28 - 130
4,6-Dinitro-2-methylphenol	32.0	26.4		ug/L		82	64 - 159
4-Bromophenyl phenyl ether	16.0	13.5		ug/L		85	71 - 126
4-Chloro-3-methylphenol	16.0	14.1		ug/L		88	64 - 120
4-Chloroaniline	16.0	13.2		ug/L		82	10 - 130
4-Chlorophenyl phenyl ether	16.0	13.3		ug/L		83	71 - 122
4-Methylphenol	16.0	12.2		ug/L		76	39 - 120
4-Nitroaniline	16.0	14.9		ug/L		93	47 - 130
4-Nitrophenol	32.0	22.5		ug/L		70	16 - 120
Acenaphthene	16.0	13.0		ug/L		81	60 - 120
Acenaphthylene	16.0	12.9		ug/L		80	63 - 120
Acetophenone	16.0	13.4		ug/L		84	45 - 120
Aniline	16.0	10.7		ug/L		67	37 - 120
Anthracene	16.0	14.1		ug/L		88	58 - 148
Atrazine	32.0	31.4		ug/L		98	56 - 179
Benzaldehyde	32.0	37.6		ug/L		118	30 - 140
Benzo(a)anthracene	16.0	14.4		ug/L		90	55 - 151
Benzo(a)pyrene	16.0	14.8		ug/L		93	60 - 145
Benzo(b)fluoranthene	16.0	14.5		ug/L		91	54 - 140
Benzo(g,h,i)perylene	16.0	15.8		ug/L		99	66 - 152
Benzo(k)fluoranthene	16.0	15.9		ug/L		99	51 - 153
Biphenyl	16.0	12.8		ug/L		80	30 - 140
bis (2-chloroisopropyl) ether	16.0	13.1		ug/L		82	28 - 136
Bis(2-chloroethoxy)methane	16.0	13.1		ug/L		82	50 - 128
Bis(2-chloroethyl)ether	16.0	12.5		ug/L		78	51 - 120

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

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

Lab Sample ID: LCS 480-285982/2-A

Matrix: Water

Analysis Batch: 286236

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 285982

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-ethylhexyl) phthalate	16.0	15.1		ug/L		94	53 - 158
Butyl benzyl phthalate	16.0	14.6		ug/L		92	58 - 163
Caprolactam	32.0	11.9		ug/L		37	14 - 130
Carbazole	16.0	14.4		ug/L		90	59 - 148
Chrysene	16.0	14.8		ug/L		92	69 - 140
Dibenz(a,h)anthracene	16.0	16.3		ug/L		102	57 - 148
Dibenzofuran	16.0	13.2		ug/L		82	49 - 137
Diethyl phthalate	16.0	14.3		ug/L		89	59 - 146
Dimethyl phthalate	16.0	14.1		ug/L		88	59 - 141
Di-n-butyl phthalate	16.0	14.8		ug/L		92	58 - 149
Di-n-octyl phthalate	16.0	15.3		ug/L		96	55 - 167
Fluoranthene	16.0	14.4		ug/L		90	55 - 147
Fluorene	16.0	13.7		ug/L		86	55 - 143
Hexachlorobenzene	16.0	13.2		ug/L		82	14 - 130
Hexachlorobutadiene	16.0	11.3		ug/L		71	14 - 130
Hexachlorocyclopentadiene	16.0	10.6		ug/L		66	13 - 130
Hexachloroethane	16.0	11.4		ug/L		71	14 - 130
Indeno(1,2,3-cd)pyrene	16.0	15.7		ug/L		98	69 - 146
Isophorone	16.0	13.5		ug/L		84	48 - 133
Naphthalene	16.0	12.1		ug/L		76	35 - 130
Nitrobenzene	16.0	12.9		ug/L		81	45 - 123
N-Nitrosodi-n-propylamine	16.0	13.2		ug/L		82	56 - 120
N-Nitrosodiphenylamine	16.0	13.8		ug/L		86	25 - 125
Pentachlorophenol	32.0	25.1		ug/L		79	39 - 136
Phenanthrene	16.0	13.8		ug/L		86	57 - 147
Phenol	16.0	8.13		ug/L		51	17 - 120
Pyrene	16.0	13.6		ug/L		85	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	87		52 - 132
2-Fluorobiphenyl	75		48 - 120
2-Fluorophenol	64		20 - 120
Nitrobenzene-d5	79		46 - 120
Phenol-d5	47		16 - 120
p-Terphenyl-d14	85		67 - 150

Lab Sample ID: 480-94612-1 MS

Matrix: Water

Analysis Batch: 286236

Client Sample ID: BCC Area E DMH-E31 MS_0216

Prep Type: Total/NA

Prep Batch: 285982

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		15.4	12.0		ug/L		78	65 - 126
2,4,6-Trichlorophenol	ND		15.4	12.0		ug/L		78	64 - 120
2,4-Dichlorophenol	ND		15.4	12.2		ug/L		79	64 - 120
2,4-Dimethylphenol	ND		15.4	11.9		ug/L		77	57 - 120
2,4-Dinitrophenol	ND		30.8	24.7		ug/L		80	42 - 153
2-Chloronaphthalene	ND		15.4	11.3		ug/L		73	41 - 124
2-Chlorophenol	ND		15.4	11.3		ug/L		74	48 - 120

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

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

Lab Sample ID: 480-94612-1 MS

Matrix: Water

Analysis Batch: 286236

Client Sample ID: BCC Area E DMH-E31 MS_0216

Prep Type: Total/NA

Prep Batch: 285982

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylnaphthalene	ND		15.4	11.2		ug/L		73	34 - 122
2-Methylphenol	ND		15.4	10.9		ug/L		70	39 - 120
2-Nitroaniline	ND		15.4	11.8		ug/L		77	67 - 136
2-Nitrophenol	ND		15.4	12.0		ug/L		78	59 - 120
3,3'-Dichlorobenzidine	ND	F1	30.8	6.66	F1	ug/L		22	33 - 140
3-Nitroaniline	0.86	J F1	15.4	11.3	F1	ug/L		67	69 - 129
4,6-Dinitro-2-methylphenol	ND		30.8	27.7		ug/L		90	64 - 159
4-Bromophenyl phenyl ether	ND		15.4	13.0		ug/L		84	71 - 126
4-Chloro-3-methylphenol	ND		15.4	12.7		ug/L		83	64 - 120
4-Chloroaniline	ND		15.4	11.8		ug/L		77	60 - 124
4-Chlorophenyl phenyl ether	ND		15.4	12.2		ug/L		79	48 - 145
4-Methylphenol	ND		15.4	10.8		ug/L		70	36 - 120
4-Nitroaniline	ND	F1	15.4	7.30	J F1	ug/L		47	64 - 135
4-Nitrophenol	ND		30.8	19.8		ug/L		64	16 - 120
Acenaphthene	0.81	J	15.4	12.4		ug/L		75	60 - 120
Acenaphthylene	ND		15.4	11.5		ug/L		75	63 - 120
Acetophenone	ND		15.4	11.9		ug/L		77	45 - 120
Aniline	14		15.4	26.8		ug/L		82	37 - 120
Anthracene	ND		15.4	13.9		ug/L		91	58 - 148
Atrazine	ND		30.8	27.7		ug/L		90	56 - 179
Benzaldehyde	ND		30.8	31.3		ug/L		102	30 - 140
Benzo(a)anthracene	ND		15.4	11.6		ug/L		75	55 - 151
Benzo(a)pyrene	ND		15.4	9.76		ug/L		63	60 - 145
Benzo(b)fluoranthene	ND		15.4	9.75		ug/L		63	54 - 140
Benzo(g,h,i)perylene	ND	F1	15.4	9.49	F1	ug/L		62	66 - 152
Benzo(k)fluoranthene	ND		15.4	10.2		ug/L		66	51 - 153
Biphenyl	ND		15.4	11.7		ug/L		76	30 - 140
bis (2-chloroisopropyl) ether	ND		15.4	11.6		ug/L		75	28 - 136
Bis(2-chloroethoxy)methane	ND		15.4	11.6		ug/L		75	50 - 128
Bis(2-chloroethyl)ether	ND		15.4	11.5		ug/L		75	51 - 120
Bis(2-ethylhexyl) phthalate	ND		15.4	9.33		ug/L		61	53 - 158
Butyl benzyl phthalate	ND		15.4	13.4		ug/L		87	58 - 163
Caprolactam	ND		30.8	10.5		ug/L		34	30 - 140
Carbazole	1.5	J	15.4	15.1		ug/L		88	59 - 148
Chrysene	ND		15.4	11.7		ug/L		76	69 - 140
Dibenz(a,h)anthracene	ND		15.4	9.29		ug/L		60	57 - 158
Dibenzofuran	ND		15.4	11.9		ug/L		77	49 - 137
Diethyl phthalate	ND		15.4	13.5		ug/L		88	59 - 146
Dimethyl phthalate	ND		15.4	12.9		ug/L		84	59 - 141
Di-n-butyl phthalate	ND		15.4	14.0		ug/L		91	58 - 149
Di-n-octyl phthalate	ND		15.4	9.51		ug/L		62	55 - 167
Fluoranthene	ND		15.4	14.0		ug/L		91	55 - 147
Fluorene	0.47	J	15.4	13.0		ug/L		81	55 - 143
Hexachlorobenzene	ND		15.4	12.3		ug/L		80	38 - 131
Hexachlorobutadiene	ND		15.4	10.2		ug/L		66	14 - 130
Hexachlorocyclopentadiene	ND		15.4	9.05		ug/L		59	13 - 130
Hexachloroethane	ND		15.4	10.4		ug/L		67	14 - 130
Indeno(1,2,3-cd)pyrene	ND	F1	15.4	9.28	F1	ug/L		60	69 - 146

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

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

Lab Sample ID: 480-94612-1 MS

Matrix: Water

Analysis Batch: 286236

Client Sample ID: BCC Area E DMH-E31 MS_0216

Prep Type: Total/NA

Prep Batch: 285982

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Isophorone	ND		15.4	12.2		ug/L		79	48 - 133
Naphthalene	1.1	J	15.4	12.1		ug/L		72	35 - 130
Nitrobenzene	1.3	J	15.4	14.5		ug/L		86	45 - 123
N-Nitrosodi-n-propylamine	ND		15.4	11.6		ug/L		75	56 - 120
N-Nitrosodiphenylamine	ND		15.4	13.7		ug/L		89	25 - 125
Pentachlorophenol	ND		30.8	29.2		ug/L		95	39 - 136
Phenanthrene	0.52	J	15.4	13.5		ug/L		84	57 - 147
Phenol	0.72	J	15.4	7.82		ug/L		46	17 - 120
Pyrene	ND		15.4	13.2		ug/L		86	58 - 136

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol	93		52 - 132
2-Fluorobiphenyl	69		48 - 120
2-Fluorophenol	57		20 - 120
Nitrobenzene-d5	75		46 - 120
Phenol-d5	40		16 - 120
p-Terphenyl-d14	65	X	67 - 150

Lab Sample ID: 480-94612-1 MSD

Matrix: Water

Analysis Batch: 286236

Client Sample ID: BCC Area E DMH-E31 MSD_0216

Prep Type: Total/NA

Prep Batch: 285982

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		15.4	13.6		ug/L		88	65 - 126	13	18
2,4,6-Trichlorophenol	ND		15.4	13.2		ug/L		86	64 - 120	10	19
2,4-Dichlorophenol	ND		15.4	13.4		ug/L		87	64 - 120	9	19
2,4-Dimethylphenol	ND		15.4	13.0		ug/L		84	57 - 120	9	42
2,4-Dinitrophenol	ND		30.8	27.3		ug/L		89	42 - 153	10	22
2-Chloronaphthalene	ND		15.4	12.5		ug/L		81	41 - 124	10	21
2-Chlorophenol	ND		15.4	12.4		ug/L		80	48 - 120	8	25
2-Methylnaphthalene	ND		15.4	12.4		ug/L		80	34 - 122	10	21
2-Methylphenol	ND		15.4	12.0		ug/L		78	39 - 120	10	27
2-Nitroaniline	ND		15.4	12.9		ug/L		84	67 - 136	9	15
2-Nitrophenol	ND		15.4	12.8		ug/L		83	59 - 120	6	18
3,3'-Dichlorobenzidine	ND	F1	30.8	6.46	F1	ug/L		21	33 - 140	3	25
3-Nitroaniline	0.86	J F1	15.4	12.0		ug/L		72	69 - 129	6	19
4,6-Dinitro-2-methylphenol	ND		30.8	30.3		ug/L		98	64 - 159	9	15
4-Bromophenyl phenyl ether	ND		15.4	13.9		ug/L		90	71 - 126	7	15
4-Chloro-3-methylphenol	ND		15.4	14.0		ug/L		91	64 - 120	9	27
4-Chloroaniline	ND		15.4	10.6		ug/L		69	60 - 124	11	22
4-Chlorophenyl phenyl ether	ND		15.4	13.4		ug/L		87	48 - 145	9	16
4-Methylphenol	ND		15.4	12.0		ug/L		78	36 - 120	10	24
4-Nitroaniline	ND	F1	15.4	8.18	J F1	ug/L		53	64 - 135	11	24
4-Nitrophenol	ND		30.8	23.1		ug/L		75	16 - 120	15	48
Acenaphthene	0.81	J	15.4	14.0		ug/L		86	60 - 120	12	24
Acenaphthylene	ND		15.4	12.7		ug/L		83	63 - 120	10	18
Acetophenone	ND		15.4	13.1		ug/L		85	45 - 120	10	20
Aniline	14		15.4	26.1		ug/L		78	37 - 120	2	30

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

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

Lab Sample ID: 480-94612-1 MSD

Matrix: Water

Analysis Batch: 286236

Client Sample ID: BCC Area E DMH-E31 MSD_0216

Prep Type: Total/NA

Prep Batch: 285982

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Anthracene	ND		15.4	14.9		ug/L		97	58 - 148	7	15
Atrazine	ND		30.8	29.6		ug/L		96	56 - 179	6	20
Benzaldehyde	ND		30.8	32.9		ug/L		107	30 - 140	5	20
Benzo(a)anthracene	ND		15.4	12.0		ug/L		78	55 - 151	4	15
Benzo(a)pyrene	ND		15.4	10.1		ug/L		65	60 - 145	3	15
Benzo(b)fluoranthene	ND		15.4	10.7		ug/L		70	54 - 140	10	15
Benzo(g,h,i)perylene	ND	F1	15.4	9.57	F1	ug/L		62	66 - 152	1	15
Benzo(k)fluoranthene	ND		15.4	9.69		ug/L		63	51 - 153	5	22
Biphenyl	ND		15.4	12.8		ug/L		83	30 - 140	9	20
bis (2-chloroisopropyl) ether	ND		15.4	12.3		ug/L		80	28 - 136	6	24
Bis(2-chloroethoxy)methane	ND		15.4	12.8		ug/L		83	50 - 128	10	17
Bis(2-chloroethyl)ether	ND		15.4	12.4		ug/L		81	51 - 120	8	21
Bis(2-ethylhexyl) phthalate	ND		15.4	9.47		ug/L		61	53 - 158	1	15
Butyl benzyl phthalate	ND		15.4	14.4		ug/L		93	58 - 163	7	16
Caprolactam	ND		30.8	11.5		ug/L		37	30 - 140	9	20
Carbazole	1.5	J	15.4	16.1		ug/L		95	59 - 148	7	20
Chrysene	ND		15.4	11.7		ug/L		76	69 - 140	0	15
Dibenz(a,h)anthracene	ND		15.4	9.48		ug/L		62	57 - 158	2	15
Dibenzofuran	ND		15.4	12.9		ug/L		84	49 - 137	8	15
Diethyl phthalate	ND		15.4	14.5		ug/L		94	59 - 146	7	15
Dimethyl phthalate	ND		15.4	14.2		ug/L		92	59 - 141	10	15
Di-n-butyl phthalate	ND		15.4	14.9		ug/L		97	58 - 149	6	15
Di-n-octyl phthalate	ND		15.4	9.70		ug/L		63	55 - 167	2	16
Fluoranthene	ND		15.4	14.9		ug/L		97	55 - 147	7	15
Fluorene	0.47	J	15.4	14.1		ug/L		88	55 - 143	8	15
Hexachlorobenzene	ND		15.4	13.3		ug/L		87	38 - 131	8	15
Hexachlorobutadiene	ND		15.4	11.4		ug/L		74	14 - 130	11	44
Hexachlorocyclopentadiene	ND		15.4	10.6		ug/L		69	13 - 130	15	49
Hexachloroethane	ND		15.4	11.5		ug/L		74	14 - 130	10	46
Indeno(1,2,3-cd)pyrene	ND	F1	15.4	9.42	F1	ug/L		61	69 - 146	1	15
Isophorone	ND		15.4	13.3		ug/L		87	48 - 133	9	17
Naphthalene	1.1	J	15.4	13.3		ug/L		79	35 - 130	9	29
Nitrobenzene	1.3	J	15.4	15.5		ug/L		92	45 - 123	6	24
N-Nitrosodi-n-propylamine	ND		15.4	12.8		ug/L		83	56 - 120	10	31
N-Nitrosodiphenylamine	ND		15.4	14.7		ug/L		96	25 - 125	8	15
Pentachlorophenol	ND		30.8	32.3		ug/L		105	39 - 136	10	37
Phenanthrene	0.52	J	15.4	14.5		ug/L		91	57 - 147	7	15
Phenol	0.72	J	15.4	8.46		ug/L		50	17 - 120	8	34
Pyrene	ND		15.4	14.0		ug/L		91	58 - 136	5	19

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol	101		52 - 132
2-Fluorobiphenyl	75		48 - 120
2-Fluorophenol	61		20 - 120
Nitrobenzene-d5	80		46 - 120
Phenol-d5	43		16 - 120
p-Terphenyl-d14	65	X	67 - 150

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

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

Lab Sample ID: 480-94612-1 MS

Matrix: Water

Analysis Batch: 287293

Client Sample ID: BCC Area E DMH-E31 MS_0216

Prep Type: Total/NA

Prep Batch: 285982

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
2,4-Dinitrotoluene - DL	47	F1	15.4	59.4		ug/L		78	62 - 148
2,6-Dinitrotoluene - DL	93		15.4	113	4	ug/L		130	65 - 154

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol - DL	81		52 - 132
2-Fluorobiphenyl - DL	73		48 - 120
2-Fluorophenol - DL	53		20 - 120
Nitrobenzene-d5 - DL	75		46 - 120
Phenol-d5 - DL	41		16 - 120
p-Terphenyl-d14 - DL	64	X	67 - 150

Lab Sample ID: 480-94612-1 MSD

Matrix: Water

Analysis Batch: 287293

Client Sample ID: BCC Area E DMH-E31 MSD_0216

Prep Type: Total/NA

Prep Batch: 285982

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
2,4-Dinitrotoluene - DL	47	F1	15.4	70.9	F1	ug/L		153	62 - 148	18	20
2,6-Dinitrotoluene - DL	93		15.4	125	4	ug/L		207	65 - 154	10	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol - DL	93		52 - 132
2-Fluorobiphenyl - DL	85		48 - 120
2-Fluorophenol - DL	59		20 - 120
Nitrobenzene-d5 - DL	82		46 - 120
Phenol-d5 - DL	46		16 - 120
p-Terphenyl-d14 - DL	72		67 - 150

TestAmerica Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

GC/MS VOA

Analysis Batch: 285936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94612-1	BCC Area E DMH-E31_0216	Total/NA	Water	8260C	
480-94612-1 MS	BCC Area E DMH-E31 MS_0216	Total/NA	Water	8260C	
480-94612-1 MSD	BCC Area E DMH-E31 MSD_0216	Total/NA	Water	8260C	
480-94612-2	BCC Area E DMH-E31 D_0216	Total/NA	Water	8260C	
LCS 480-285936/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-285936/6	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 286127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94612-3	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-286127/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-286127/6	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 285982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94612-1	BCC Area E DMH-E31_0216	Total/NA	Water	3510C	
480-94612-1 - DL	BCC Area E DMH-E31_0216	Total/NA	Water	3510C	
480-94612-1 MS - DL	BCC Area E DMH-E31 MS_0216	Total/NA	Water	3510C	
480-94612-1 MS	BCC Area E DMH-E31 MS_0216	Total/NA	Water	3510C	
480-94612-1 MSD	BCC Area E DMH-E31 MSD_0216	Total/NA	Water	3510C	
480-94612-1 MSD - DL	BCC Area E DMH-E31 MSD_0216	Total/NA	Water	3510C	
480-94612-2	BCC Area E DMH-E31 D_0216	Total/NA	Water	3510C	
480-94612-2 - DL	BCC Area E DMH-E31 D_0216	Total/NA	Water	3510C	
LCS 480-285982/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-285982/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 286236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94612-1	BCC Area E DMH-E31_0216	Total/NA	Water	8270D	285982
480-94612-1 MS	BCC Area E DMH-E31 MS_0216	Total/NA	Water	8270D	285982
480-94612-1 MSD	BCC Area E DMH-E31 MSD_0216	Total/NA	Water	8270D	285982
480-94612-2	BCC Area E DMH-E31 D_0216	Total/NA	Water	8270D	285982
LCS 480-285982/2-A	Lab Control Sample	Total/NA	Water	8270D	285982
MB 480-285982/1-A	Method Blank	Total/NA	Water	8270D	285982

Analysis Batch: 287293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94612-1 - DL	BCC Area E DMH-E31_0216	Total/NA	Water	8270D	285982
480-94612-1 MS - DL	BCC Area E DMH-E31 MS_0216	Total/NA	Water	8270D	285982
480-94612-1 MSD - DL	BCC Area E DMH-E31 MSD_0216	Total/NA	Water	8270D	285982
480-94612-2 - DL	BCC Area E DMH-E31 D_0216	Total/NA	Water	8270D	285982

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

Client Sample ID: BCC Area E DMH-E31_0216

Lab Sample ID: 480-94612-1

Date Collected: 02/02/16 10:00

Matrix: Water

Date Received: 02/02/16 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	285936	02/03/16 02:12	GTG	TAL BUF
Total/NA	Prep	3510C			285982	02/03/16 07:58	RJS	TAL BUF
Total/NA	Analysis	8270D		1	286236	02/04/16 18:28	PJQ	TAL BUF
Total/NA	Prep	3510C	DL		285982	02/03/16 07:58	RJS	TAL BUF
Total/NA	Analysis	8270D	DL	5	287293	02/16/16 16:31	PJQ	TAL BUF

Client Sample ID: BCC Area E DMH-E31 D_0216

Lab Sample ID: 480-94612-2

Date Collected: 02/02/16 10:15

Matrix: Water

Date Received: 02/02/16 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	285936	02/03/16 02:37	GTG	TAL BUF
Total/NA	Prep	3510C			285982	02/03/16 07:58	RJS	TAL BUF
Total/NA	Analysis	8270D		1	286236	02/04/16 18:56	PJQ	TAL BUF
Total/NA	Prep	3510C	DL		285982	02/03/16 07:58	RJS	TAL BUF
Total/NA	Analysis	8270D	DL	5	287293	02/16/16 17:00	PJQ	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-94612-3

Date Collected: 02/02/16 00:00

Matrix: Water

Date Received: 02/02/16 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	286127	02/03/16 19:33	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 E Storm Sewer

TestAmerica Job ID: 480-94612-1

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	03-31-16 *

* Certification renewal pending - certification considered valid.

TestAmerica Buffalo

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-94612-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF

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 E Storm Sewer

TestAmerica Job ID: 480-94612-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-94612-1	BCC Area E DMH-E31_0216	Water	02/02/16 10:00	02/02/16 15:20
480-94612-2	BCC Area E DMH-E31 D_0216	Water	02/02/16 10:15	02/02/16 15:20
480-94612-3	TRIP BLANK	Water	02/02/16 00:00	02/02/16 15:20

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Record

TestAmerica Laboratories, Inc.

Client Contact Ontario Specialty Contracting Inc. 333 Ganson Street Buffalo, NY, 14203 716-856-3333 Phone 716-842-1630 FAX Project Name: Buffalo Color Area E Storm Sewer Site: HoneyWell Buffalo Color - NYC915232 EIM SITE ID - 37745 PO# 52954		Project Manager: Schove, John Tel/Fax: (716) 912-9926 Analysis Turnaround Time Calendar (C) or Work Days (W) W ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Site Contact: Tom Wagner Lab Contact: Schove, John Date: 2-2-16 Carrier: OSC Job No. 0913-OMM SDG No.		COC No. 276374-0216 1 of 1 COCs	
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Analysis	
BCC Area E DMH-E31_ 0216	2-2-16	1000	G	W	5	8270C - (MOD) TLC SVOA - 4.2 lit + inline	
BCC Area E DMH-E31D_ 0216	2-2-16	1015	G	W	5	8260B - TLC 4.2 lit (TLC VOC)	
BCC Area E DMH-E31MS_ 0216	2-2-16	1030	G	W	5		
BCC Area E DMH-E31MSD_ 0216	2-2-16	1045	G	W	5		
Trip Blank		N/A	N/A	W	3		
						480-94612 Chain of Custody	
						Sample Specific Notes:	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown
 Possible Hazard Identification
 Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4= HNO3 (Nitric) 5= NaOH (Sodium Hydroxide) 6= Other
 Container Volume (mL) 1000 1-A
 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For Months

Relinquished by: Tom Wagner Date/Time: 2/2/16 1520 Company: OSC		Received by: John Wagner Date/Time: 2/2/16 1520 Company: TADAF	
Relinquished by:		Received by:	

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

Temp 217 H2 ICE

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-94612-1

Login Number: 94612

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	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-99482-1

Client Project/Site: Buffalo Color Area E Storm Sewer

Sampling Event: Buffalo Color Area E Storm Sewer

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Kirsten Colligan



Authorized for release by:

5/13/2016 11:44:41 AM

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

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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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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
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.
*	LCS or LCSD is outside acceptance limits.
X	Surrogate is outside control limits
E	Result exceeded calibration range.

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)

Case Narrative

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

Job ID: 480-99482-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-99482-1

Comments

No additional comments.

Receipt

The samples were received on 5/3/2016 3:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.2° C.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-301365 recovered above the upper control limit for 2-Butanone(MEK). 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 E DMH-E31_0516 (480-99482-1), BCC Area E DMH-E31 D_0516 (480-99482-2) and TRIP BLANK (480-99482-3).

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 480-300066 recovered above the upper control limit for 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol and Benzaldehyde. 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 E DMH-E31_0516 (480-99482-1), BCC Area E DMH-E31 MS_0516 (480-99482-1[MS]), BCC Area E DMH-E31 MSD_0516 (480-99482-1[MSD]) and BCC Area E DMH-E31 D_0516 (480-99482-2).

Method(s) 8270D: The laboratory control sample (LCS) for preparation batch 480-299803 and analytical batch 480-300066 recovered outside control limits for the following analyte: Benzaldehyde. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data has been reported.

Method(s) 8270D: The following samples were diluted due to the nature of the sample matrix: BCC Area E DMH-E31_0516 (480-99482-1), BCC Area E DMH-E31 MS_0516 (480-99482-1[MS]), BCC Area E DMH-E31 MSD_0516 (480-99482-1[MSD]) and BCC Area E DMH-E31 D_0516 (480-99482-2). Elevated reporting limits (RLs) are provided.

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 E DMH-E31 MSD_0516 (480-99482-1[MSD]) and BCC Area E DMH-E31 D_0516 (480-99482-2). 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.

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 E Storm Sewer

TestAmerica Job ID: 480-99482-1

Client Sample ID: BCC Area E DMH-E31_0516

Lab Sample ID: 480-99482-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	1.1		1.0	0.41	ug/L	1		8260C	Total/NA
1,2-Dichlorobenzene	7.1		1.0	0.79	ug/L	1		8260C	Total/NA
1,3-Dichlorobenzene	0.97	J	1.0	0.78	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	2.6		1.0	0.84	ug/L	1		8260C	Total/NA
Benzene	1.2		1.0	0.41	ug/L	1		8260C	Total/NA
Chlorobenzene	12		1.0	0.75	ug/L	1		8260C	Total/NA
2,4-Dinitrotoluene	11	J	24	2.1	ug/L	5		8270D	Total/NA
2,6-Dinitrotoluene	41	F1	24	1.9	ug/L	5		8270D	Total/NA
Aniline	4.3	J	47	2.9	ug/L	5		8270D	Total/NA

Client Sample ID: BCC Area E DMH-E31 D_0516

Lab Sample ID: 480-99482-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	1.1		1.0	0.41	ug/L	1		8260C	Total/NA
1,2-Dichlorobenzene	7.0		1.0	0.79	ug/L	1		8260C	Total/NA
1,3-Dichlorobenzene	0.89	J	1.0	0.78	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	2.5		1.0	0.84	ug/L	1		8260C	Total/NA
Benzene	1.1		1.0	0.41	ug/L	1		8260C	Total/NA
Chlorobenzene	12		1.0	0.75	ug/L	1		8260C	Total/NA
2,4-Dinitrotoluene	9.7	J	24	2.1	ug/L	5		8270D	Total/NA
2,6-Dinitrotoluene	39		24	1.9	ug/L	5		8270D	Total/NA
Aniline	4.6	J	48	2.9	ug/L	5		8270D	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-99482-3

No Detections.

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

Client Sample ID: BCC Area E DMH-E31_0516

Lab Sample ID: 480-99482-1

Date Collected: 05/03/16 13:00

Matrix: Water

Date Received: 05/03/16 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	F1	1.0	0.82	ug/L			05/12/16 15:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/12/16 15:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/12/16 15:20	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/12/16 15:20	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/12/16 15:20	1
1,1-Dichloroethene	ND	F1	1.0	0.29	ug/L			05/12/16 15:20	1
1,2,4-Trichlorobenzene	1.1		1.0	0.41	ug/L			05/12/16 15:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/12/16 15:20	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/12/16 15:20	1
1,2-Dichlorobenzene	7.1		1.0	0.79	ug/L			05/12/16 15:20	1
1,2-Dichloroethane	ND	F1	1.0	0.21	ug/L			05/12/16 15:20	1
1,2-Dichloropropane	ND	F1	1.0	0.72	ug/L			05/12/16 15:20	1
1,3-Dichlorobenzene	0.97	J	1.0	0.78	ug/L			05/12/16 15:20	1
1,4-Dichlorobenzene	2.6		1.0	0.84	ug/L			05/12/16 15:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/12/16 15:20	1
2-Hexanone	ND	F1	5.0	1.2	ug/L			05/12/16 15:20	1
4-Methyl-2-pentanone (MIBK)	ND	F1	5.0	2.1	ug/L			05/12/16 15:20	1
Acetone	ND		10	3.0	ug/L			05/12/16 15:20	1
Benzene	1.2		1.0	0.41	ug/L			05/12/16 15:20	1
Bromodichloromethane	ND	F1	1.0	0.39	ug/L			05/12/16 15:20	1
Bromoform	ND		1.0	0.26	ug/L			05/12/16 15:20	1
Bromomethane	ND		1.0	0.69	ug/L			05/12/16 15:20	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/12/16 15:20	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/12/16 15:20	1
Chlorobenzene	12		1.0	0.75	ug/L			05/12/16 15:20	1
Chloroethane	ND		1.0	0.32	ug/L			05/12/16 15:20	1
Chloroform	ND		1.0	0.34	ug/L			05/12/16 15:20	1
Chloromethane	ND	F1	1.0	0.35	ug/L			05/12/16 15:20	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/12/16 15:20	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/12/16 15:20	1
Cyclohexane	ND		1.0	0.18	ug/L			05/12/16 15:20	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/12/16 15:20	1
Dichlorodifluoromethane	ND	F1	1.0	0.68	ug/L			05/12/16 15:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/12/16 15:20	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/12/16 15:20	1
Methyl acetate	ND	F1	2.5	1.3	ug/L			05/12/16 15:20	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/12/16 15:20	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/12/16 15:20	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/12/16 15:20	1
Styrene	ND		1.0	0.73	ug/L			05/12/16 15:20	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/12/16 15:20	1
Toluene	ND		1.0	0.51	ug/L			05/12/16 15:20	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/12/16 15:20	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/12/16 15:20	1
Trichloroethene	ND		1.0	0.46	ug/L			05/12/16 15:20	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/12/16 15:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/12/16 15:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/12/16 15:20	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

Client Sample ID: BCC Area E DMH-E31_0516

Lab Sample ID: 480-99482-1

Date Collected: 05/03/16 13:00

Matrix: Water

Date Received: 05/03/16 15:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		66 - 137		05/12/16 15:20	1
4-Bromofluorobenzene (Surr)	87		73 - 120		05/12/16 15:20	1
Toluene-d8 (Surr)	94		71 - 126		05/12/16 15:20	1
Dibromofluoromethane (Surr)	107		60 - 140		05/12/16 15:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		24	2.3	ug/L		05/04/16 07:58	05/05/16 12:33	5
2,4,6-Trichlorophenol	ND		24	2.9	ug/L		05/04/16 07:58	05/05/16 12:33	5
2,4-Dichlorophenol	ND		24	2.4	ug/L		05/04/16 07:58	05/05/16 12:33	5
2,4-Dimethylphenol	ND		24	2.4	ug/L		05/04/16 07:58	05/05/16 12:33	5
2,4-Dinitrophenol	ND		47	11	ug/L		05/04/16 07:58	05/05/16 12:33	5
2,4-Dinitrotoluene	11	J	24	2.1	ug/L		05/04/16 07:58	05/05/16 12:33	5
2,6-Dinitrotoluene	41	F1	24	1.9	ug/L		05/04/16 07:58	05/05/16 12:33	5
2-Chloronaphthalene	ND		24	2.2	ug/L		05/04/16 07:58	05/05/16 12:33	5
2-Chlorophenol	ND		24	2.5	ug/L		05/04/16 07:58	05/05/16 12:33	5
2-Methylnaphthalene	ND		24	2.8	ug/L		05/04/16 07:58	05/05/16 12:33	5
2-Methylphenol	ND		24	1.9	ug/L		05/04/16 07:58	05/05/16 12:33	5
2-Nitroaniline	ND		47	2.0	ug/L		05/04/16 07:58	05/05/16 12:33	5
2-Nitrophenol	ND		24	2.3	ug/L		05/04/16 07:58	05/05/16 12:33	5
3,3'-Dichlorobenzidine	ND		24	1.9	ug/L		05/04/16 07:58	05/05/16 12:33	5
3-Nitroaniline	ND		47	2.3	ug/L		05/04/16 07:58	05/05/16 12:33	5
4,6-Dinitro-2-methylphenol	ND		47	10	ug/L		05/04/16 07:58	05/05/16 12:33	5
4-Bromophenyl phenyl ether	ND		24	2.1	ug/L		05/04/16 07:58	05/05/16 12:33	5
4-Chloro-3-methylphenol	ND		24	2.1	ug/L		05/04/16 07:58	05/05/16 12:33	5
4-Chloroaniline	ND		24	2.8	ug/L		05/04/16 07:58	05/05/16 12:33	5
4-Chlorophenyl phenyl ether	ND		24	1.7	ug/L		05/04/16 07:58	05/05/16 12:33	5
4-Methylphenol	ND		47	1.7	ug/L		05/04/16 07:58	05/05/16 12:33	5
4-Nitroaniline	ND		47	1.2	ug/L		05/04/16 07:58	05/05/16 12:33	5
4-Nitrophenol	ND		47	7.2	ug/L		05/04/16 07:58	05/05/16 12:33	5
Acenaphthene	ND		24	1.9	ug/L		05/04/16 07:58	05/05/16 12:33	5
Acenaphthylene	ND		24	1.8	ug/L		05/04/16 07:58	05/05/16 12:33	5
Acetophenone	ND		24	2.6	ug/L		05/04/16 07:58	05/05/16 12:33	5
Aniline	4.3	J	47	2.9	ug/L		05/04/16 07:58	05/05/16 12:33	5
Anthracene	ND		24	1.3	ug/L		05/04/16 07:58	05/05/16 12:33	5
Atrazine	ND		24	2.2	ug/L		05/04/16 07:58	05/05/16 12:33	5
Benzaldehyde	ND	F1 *	24	1.3	ug/L		05/04/16 07:58	05/05/16 12:33	5
Benzo(a)anthracene	ND		24	1.7	ug/L		05/04/16 07:58	05/05/16 12:33	5
Benzo(a)pyrene	ND	F1	24	2.2	ug/L		05/04/16 07:58	05/05/16 12:33	5
Benzo(b)fluoranthene	ND		24	1.6	ug/L		05/04/16 07:58	05/05/16 12:33	5
Benzo(g,h,i)perylene	ND	F1	24	1.7	ug/L		05/04/16 07:58	05/05/16 12:33	5
Benzo(k)fluoranthene	ND		24	3.5	ug/L		05/04/16 07:58	05/05/16 12:33	5
Biphenyl	ND		24	3.1	ug/L		05/04/16 07:58	05/05/16 12:33	5
bis (2-chloroisopropyl) ether	ND		24	2.5	ug/L		05/04/16 07:58	05/05/16 12:33	5
Bis(2-chloroethoxy)methane	ND		24	1.7	ug/L		05/04/16 07:58	05/05/16 12:33	5
Bis(2-chloroethyl)ether	ND		24	1.9	ug/L		05/04/16 07:58	05/05/16 12:33	5
Bis(2-ethylhexyl) phthalate	ND	F1	24	10	ug/L		05/04/16 07:58	05/05/16 12:33	5
Butyl benzyl phthalate	ND		24	4.7	ug/L		05/04/16 07:58	05/05/16 12:33	5
Caprolactam	ND		24	10	ug/L		05/04/16 07:58	05/05/16 12:33	5
Carbazole	ND		24	1.4	ug/L		05/04/16 07:58	05/05/16 12:33	5

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

Client Sample ID: BCC Area E DMH-E31_0516

Lab Sample ID: 480-99482-1

Date Collected: 05/03/16 13:00

Matrix: Water

Date Received: 05/03/16 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		24	1.6	ug/L		05/04/16 07:58	05/05/16 12:33	5
Dibenz(a,h)anthracene	ND	F1	24	2.0	ug/L		05/04/16 07:58	05/05/16 12:33	5
Dibenzofuran	ND		47	2.4	ug/L		05/04/16 07:58	05/05/16 12:33	5
Diethyl phthalate	ND		24	1.0	ug/L		05/04/16 07:58	05/05/16 12:33	5
Dimethyl phthalate	ND		24	1.7	ug/L		05/04/16 07:58	05/05/16 12:33	5
Di-n-butyl phthalate	ND		24	1.5	ug/L		05/04/16 07:58	05/05/16 12:33	5
Di-n-octyl phthalate	ND	F1	24	2.2	ug/L		05/04/16 07:58	05/05/16 12:33	5
Fluoranthene	ND		24	1.9	ug/L		05/04/16 07:58	05/05/16 12:33	5
Fluorene	ND		24	1.7	ug/L		05/04/16 07:58	05/05/16 12:33	5
Hexachlorobenzene	ND		24	2.4	ug/L		05/04/16 07:58	05/05/16 12:33	5
Hexachlorobutadiene	ND		24	3.2	ug/L		05/04/16 07:58	05/05/16 12:33	5
Hexachlorocyclopentadiene	ND		24	2.8	ug/L		05/04/16 07:58	05/05/16 12:33	5
Hexachloroethane	ND		24	2.8	ug/L		05/04/16 07:58	05/05/16 12:33	5
Indeno(1,2,3-cd)pyrene	ND	F1	24	2.2	ug/L		05/04/16 07:58	05/05/16 12:33	5
Isophorone	ND		24	2.0	ug/L		05/04/16 07:58	05/05/16 12:33	5
Naphthalene	ND		24	3.6	ug/L		05/04/16 07:58	05/05/16 12:33	5
Nitrobenzene	ND		24	1.4	ug/L		05/04/16 07:58	05/05/16 12:33	5
N-Nitrosodi-n-propylamine	ND		24	2.6	ug/L		05/04/16 07:58	05/05/16 12:33	5
N-Nitrosodiphenylamine	ND		24	2.4	ug/L		05/04/16 07:58	05/05/16 12:33	5
Pentachlorophenol	ND		47	10	ug/L		05/04/16 07:58	05/05/16 12:33	5
Phenanthrene	ND		24	2.1	ug/L		05/04/16 07:58	05/05/16 12:33	5
Phenol	ND		24	1.8	ug/L		05/04/16 07:58	05/05/16 12:33	5
Pyrene	ND		24	1.6	ug/L		05/04/16 07:58	05/05/16 12:33	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	81		52 - 132	05/04/16 07:58	05/05/16 12:33	5
2-Fluorobiphenyl	74		48 - 120	05/04/16 07:58	05/05/16 12:33	5
2-Fluorophenol	47		20 - 120	05/04/16 07:58	05/05/16 12:33	5
Nitrobenzene-d5	75		46 - 120	05/04/16 07:58	05/05/16 12:33	5
Phenol-d5	35		16 - 120	05/04/16 07:58	05/05/16 12:33	5
p-Terphenyl-d14	67		67 - 150	05/04/16 07:58	05/05/16 12:33	5

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

Client Sample ID: BCC Area E DMH-E31 D_0516

Lab Sample ID: 480-99482-2

Date Collected: 05/03/16 13:15

Matrix: Water

Date Received: 05/03/16 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			05/12/16 15:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/12/16 15:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/12/16 15:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/12/16 15:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/12/16 15:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/12/16 15:45	1
1,2,4-Trichlorobenzene	1.1		1.0	0.41	ug/L			05/12/16 15:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/12/16 15:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/12/16 15:45	1
1,2-Dichlorobenzene	7.0		1.0	0.79	ug/L			05/12/16 15:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/12/16 15:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/12/16 15:45	1
1,3-Dichlorobenzene	0.89	J	1.0	0.78	ug/L			05/12/16 15:45	1
1,4-Dichlorobenzene	2.5		1.0	0.84	ug/L			05/12/16 15:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/12/16 15:45	1
2-Hexanone	ND		5.0	1.2	ug/L			05/12/16 15:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/12/16 15:45	1
Acetone	ND		10	3.0	ug/L			05/12/16 15:45	1
Benzene	1.1		1.0	0.41	ug/L			05/12/16 15:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/12/16 15:45	1
Bromoform	ND		1.0	0.26	ug/L			05/12/16 15:45	1
Bromomethane	ND		1.0	0.69	ug/L			05/12/16 15:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/12/16 15:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/12/16 15:45	1
Chlorobenzene	12		1.0	0.75	ug/L			05/12/16 15:45	1
Chloroethane	ND		1.0	0.32	ug/L			05/12/16 15:45	1
Chloroform	ND		1.0	0.34	ug/L			05/12/16 15:45	1
Chloromethane	ND		1.0	0.35	ug/L			05/12/16 15:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/12/16 15:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/12/16 15:45	1
Cyclohexane	ND		1.0	0.18	ug/L			05/12/16 15:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/12/16 15:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/12/16 15:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/12/16 15:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/12/16 15:45	1
Methyl acetate	ND		2.5	1.3	ug/L			05/12/16 15:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/12/16 15:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/12/16 15:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/12/16 15:45	1
Styrene	ND		1.0	0.73	ug/L			05/12/16 15:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/12/16 15:45	1
Toluene	ND		1.0	0.51	ug/L			05/12/16 15:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/12/16 15:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/12/16 15:45	1
Trichloroethene	ND		1.0	0.46	ug/L			05/12/16 15:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/12/16 15:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/12/16 15:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/12/16 15:45	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

Client Sample ID: BCC Area E DMH-E31 D_0516

Lab Sample ID: 480-99482-2

Date Collected: 05/03/16 13:15

Matrix: Water

Date Received: 05/03/16 15:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		05/12/16 15:45	1
4-Bromofluorobenzene (Surr)	92		73 - 120		05/12/16 15:45	1
Toluene-d8 (Surr)	95		71 - 126		05/12/16 15:45	1
Dibromofluoromethane (Surr)	106		60 - 140		05/12/16 15:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		24	2.3	ug/L		05/04/16 07:58	05/05/16 13:03	5
2,4,6-Trichlorophenol	ND		24	2.9	ug/L		05/04/16 07:58	05/05/16 13:03	5
2,4-Dichlorophenol	ND		24	2.4	ug/L		05/04/16 07:58	05/05/16 13:03	5
2,4-Dimethylphenol	ND		24	2.4	ug/L		05/04/16 07:58	05/05/16 13:03	5
2,4-Dinitrophenol	ND		48	11	ug/L		05/04/16 07:58	05/05/16 13:03	5
2,4-Dinitrotoluene	9.7	J	24	2.1	ug/L		05/04/16 07:58	05/05/16 13:03	5
2,6-Dinitrotoluene	39		24	1.9	ug/L		05/04/16 07:58	05/05/16 13:03	5
2-Chloronaphthalene	ND		24	2.2	ug/L		05/04/16 07:58	05/05/16 13:03	5
2-Chlorophenol	ND		24	2.5	ug/L		05/04/16 07:58	05/05/16 13:03	5
2-Methylnaphthalene	ND		24	2.9	ug/L		05/04/16 07:58	05/05/16 13:03	5
2-Methylphenol	ND		24	1.9	ug/L		05/04/16 07:58	05/05/16 13:03	5
2-Nitroaniline	ND		48	2.0	ug/L		05/04/16 07:58	05/05/16 13:03	5
2-Nitrophenol	ND		24	2.3	ug/L		05/04/16 07:58	05/05/16 13:03	5
3,3'-Dichlorobenzidine	ND		24	1.9	ug/L		05/04/16 07:58	05/05/16 13:03	5
3-Nitroaniline	ND		48	2.3	ug/L		05/04/16 07:58	05/05/16 13:03	5
4,6-Dinitro-2-methylphenol	ND		48	10	ug/L		05/04/16 07:58	05/05/16 13:03	5
4-Bromophenyl phenyl ether	ND		24	2.1	ug/L		05/04/16 07:58	05/05/16 13:03	5
4-Chloro-3-methylphenol	ND		24	2.1	ug/L		05/04/16 07:58	05/05/16 13:03	5
4-Chloroaniline	ND		24	2.8	ug/L		05/04/16 07:58	05/05/16 13:03	5
4-Chlorophenyl phenyl ether	ND		24	1.7	ug/L		05/04/16 07:58	05/05/16 13:03	5
4-Methylphenol	ND		48	1.7	ug/L		05/04/16 07:58	05/05/16 13:03	5
4-Nitroaniline	ND		48	1.2	ug/L		05/04/16 07:58	05/05/16 13:03	5
4-Nitrophenol	ND		48	7.2	ug/L		05/04/16 07:58	05/05/16 13:03	5
Acenaphthene	ND		24	2.0	ug/L		05/04/16 07:58	05/05/16 13:03	5
Acenaphthylene	ND		24	1.8	ug/L		05/04/16 07:58	05/05/16 13:03	5
Acetophenone	ND		24	2.6	ug/L		05/04/16 07:58	05/05/16 13:03	5
Aniline	4.6	J	48	2.9	ug/L		05/04/16 07:58	05/05/16 13:03	5
Anthracene	ND		24	1.3	ug/L		05/04/16 07:58	05/05/16 13:03	5
Atrazine	ND		24	2.2	ug/L		05/04/16 07:58	05/05/16 13:03	5
Benzaldehyde	ND *		24	1.3	ug/L		05/04/16 07:58	05/05/16 13:03	5
Benzo(a)anthracene	ND		24	1.7	ug/L		05/04/16 07:58	05/05/16 13:03	5
Benzo(a)pyrene	ND		24	2.2	ug/L		05/04/16 07:58	05/05/16 13:03	5
Benzo(b)fluoranthene	ND		24	1.6	ug/L		05/04/16 07:58	05/05/16 13:03	5
Benzo(g,h,i)perylene	ND		24	1.7	ug/L		05/04/16 07:58	05/05/16 13:03	5
Benzo(k)fluoranthene	ND		24	3.5	ug/L		05/04/16 07:58	05/05/16 13:03	5
Biphenyl	ND		24	3.1	ug/L		05/04/16 07:58	05/05/16 13:03	5
bis (2-chloroisopropyl) ether	ND		24	2.5	ug/L		05/04/16 07:58	05/05/16 13:03	5
Bis(2-chloroethoxy)methane	ND		24	1.7	ug/L		05/04/16 07:58	05/05/16 13:03	5
Bis(2-chloroethyl)ether	ND		24	1.9	ug/L		05/04/16 07:58	05/05/16 13:03	5
Bis(2-ethylhexyl) phthalate	ND		24	10	ug/L		05/04/16 07:58	05/05/16 13:03	5
Butyl benzyl phthalate	ND		24	4.8	ug/L		05/04/16 07:58	05/05/16 13:03	5
Caprolactam	ND		24	10	ug/L		05/04/16 07:58	05/05/16 13:03	5
Carbazole	ND		24	1.4	ug/L		05/04/16 07:58	05/05/16 13:03	5

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

Client Sample ID: BCC Area E DMH-E31 D_0516

Lab Sample ID: 480-99482-2

Date Collected: 05/03/16 13:15

Matrix: Water

Date Received: 05/03/16 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		24	1.6	ug/L		05/04/16 07:58	05/05/16 13:03	5
Dibenz(a,h)anthracene	ND		24	2.0	ug/L		05/04/16 07:58	05/05/16 13:03	5
Dibenzofuran	ND		48	2.4	ug/L		05/04/16 07:58	05/05/16 13:03	5
Diethyl phthalate	ND		24	1.0	ug/L		05/04/16 07:58	05/05/16 13:03	5
Dimethyl phthalate	ND		24	1.7	ug/L		05/04/16 07:58	05/05/16 13:03	5
Di-n-butyl phthalate	ND		24	1.5	ug/L		05/04/16 07:58	05/05/16 13:03	5
Di-n-octyl phthalate	ND		24	2.2	ug/L		05/04/16 07:58	05/05/16 13:03	5
Fluoranthene	ND		24	1.9	ug/L		05/04/16 07:58	05/05/16 13:03	5
Fluorene	ND		24	1.7	ug/L		05/04/16 07:58	05/05/16 13:03	5
Hexachlorobenzene	ND		24	2.4	ug/L		05/04/16 07:58	05/05/16 13:03	5
Hexachlorobutadiene	ND		24	3.2	ug/L		05/04/16 07:58	05/05/16 13:03	5
Hexachlorocyclopentadiene	ND		24	2.8	ug/L		05/04/16 07:58	05/05/16 13:03	5
Hexachloroethane	ND		24	2.8	ug/L		05/04/16 07:58	05/05/16 13:03	5
Indeno(1,2,3-cd)pyrene	ND		24	2.2	ug/L		05/04/16 07:58	05/05/16 13:03	5
Isophorone	ND		24	2.0	ug/L		05/04/16 07:58	05/05/16 13:03	5
Naphthalene	ND		24	3.6	ug/L		05/04/16 07:58	05/05/16 13:03	5
Nitrobenzene	ND		24	1.4	ug/L		05/04/16 07:58	05/05/16 13:03	5
N-Nitrosodi-n-propylamine	ND		24	2.6	ug/L		05/04/16 07:58	05/05/16 13:03	5
N-Nitrosodiphenylamine	ND		24	2.4	ug/L		05/04/16 07:58	05/05/16 13:03	5
Pentachlorophenol	ND		48	10	ug/L		05/04/16 07:58	05/05/16 13:03	5
Phenanthrene	ND		24	2.1	ug/L		05/04/16 07:58	05/05/16 13:03	5
Phenol	ND		24	1.9	ug/L		05/04/16 07:58	05/05/16 13:03	5
Pyrene	ND		24	1.6	ug/L		05/04/16 07:58	05/05/16 13:03	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	80		52 - 132	05/04/16 07:58	05/05/16 13:03	5
2-Fluorobiphenyl	70		48 - 120	05/04/16 07:58	05/05/16 13:03	5
2-Fluorophenol	48		20 - 120	05/04/16 07:58	05/05/16 13:03	5
Nitrobenzene-d5	71		46 - 120	05/04/16 07:58	05/05/16 13:03	5
Phenol-d5	33		16 - 120	05/04/16 07:58	05/05/16 13:03	5
p-Terphenyl-d14	66	X	67 - 150	05/04/16 07:58	05/05/16 13:03	5

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-99482-3

Date Collected: 05/03/16 00:00

Matrix: Water

Date Received: 05/03/16 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			05/12/16 12:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/12/16 12:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/12/16 12:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/12/16 12:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/12/16 12:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/12/16 12:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/12/16 12:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/12/16 12:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/12/16 12:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/12/16 12:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/12/16 12:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/12/16 12:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/12/16 12:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/12/16 12:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/12/16 12:49	1
2-Hexanone	ND		5.0	1.2	ug/L			05/12/16 12:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/12/16 12:49	1
Acetone	ND		10	3.0	ug/L			05/12/16 12:49	1
Benzene	ND		1.0	0.41	ug/L			05/12/16 12:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/12/16 12:49	1
Bromoform	ND		1.0	0.26	ug/L			05/12/16 12:49	1
Bromomethane	ND		1.0	0.69	ug/L			05/12/16 12:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/12/16 12:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/12/16 12:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/12/16 12:49	1
Chloroethane	ND		1.0	0.32	ug/L			05/12/16 12:49	1
Chloroform	ND		1.0	0.34	ug/L			05/12/16 12:49	1
Chloromethane	ND		1.0	0.35	ug/L			05/12/16 12:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/12/16 12:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/12/16 12:49	1
Cyclohexane	ND		1.0	0.18	ug/L			05/12/16 12:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/12/16 12:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/12/16 12:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/12/16 12:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/12/16 12:49	1
Methyl acetate	ND		2.5	1.3	ug/L			05/12/16 12:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/12/16 12:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/12/16 12:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/12/16 12:49	1
Styrene	ND		1.0	0.73	ug/L			05/12/16 12:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/12/16 12:49	1
Toluene	ND		1.0	0.51	ug/L			05/12/16 12:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/12/16 12:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/12/16 12:49	1
Trichloroethene	ND		1.0	0.46	ug/L			05/12/16 12:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/12/16 12:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/12/16 12:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/12/16 12:49	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-99482-3

Date Collected: 05/03/16 00:00

Matrix: Water

Date Received: 05/03/16 15:15

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	106		66 - 137		05/12/16 12:49	1
4-Bromofluorobenzene (Surr)	91		73 - 120		05/12/16 12:49	1
Toluene-d8 (Surr)	97		71 - 126		05/12/16 12:49	1
Dibromofluoromethane (Surr)	104		60 - 140		05/12/16 12:49	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (66-137)	BFB (73-120)	TOL (71-126)	DBFM (60-140)
480-99482-1	BCC Area E DMH-E31_0516	106	87	94	107
480-99482-1 MS	BCC Area E DMH-E31 MS_0516	104	95	97	101
480-99482-1 MSD	BCC Area E DMH-E31 MSD_0516	103	95	97	102
480-99482-2	BCC Area E DMH-E31 D_0516	102	92	95	106
480-99482-3	TRIP BLANK	106	91	97	104
LCS 480-301365/4	Lab Control Sample	104	95	98	104
MB 480-301365/6	Method Blank	99	93	98	100

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: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-99482-1	BCC Area E DMH-E31_0516	81	74	47	75	35	67
480-99482-1 MS	BCC Area E DMH-E31 MS_0516	103	89	63	89	51	69
480-99482-1 MSD	BCC Area E DMH-E31 MSD_0516	102	86	59	87	47	65 X
480-99482-2	BCC Area E DMH-E31 D_0516	80	70	48	71	33	66 X
LCS 480-299803/2-A	Lab Control Sample	100	86	67	87	52	94
MB 480-299803/1-A	Method Blank	90	90	58	94	46	94

Surrogate Legend

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

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

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

Lab Sample ID: MB 480-301365/6

Matrix: Water

Analysis Batch: 301365

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			05/12/16 11:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/12/16 11:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/12/16 11:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/12/16 11:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/12/16 11:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/12/16 11:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/12/16 11:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/12/16 11:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/12/16 11:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/12/16 11:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/12/16 11:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/12/16 11:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/12/16 11:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/12/16 11:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/12/16 11:09	1
2-Hexanone	ND		5.0	1.2	ug/L			05/12/16 11:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/12/16 11:09	1
Acetone	ND		10	3.0	ug/L			05/12/16 11:09	1
Benzene	ND		1.0	0.41	ug/L			05/12/16 11:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/12/16 11:09	1
Bromoform	ND		1.0	0.26	ug/L			05/12/16 11:09	1
Bromomethane	ND		1.0	0.69	ug/L			05/12/16 11:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/12/16 11:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/12/16 11:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/12/16 11:09	1
Chloroethane	ND		1.0	0.32	ug/L			05/12/16 11:09	1
Chloroform	ND		1.0	0.34	ug/L			05/12/16 11:09	1
Chloromethane	ND		1.0	0.35	ug/L			05/12/16 11:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/12/16 11:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/12/16 11:09	1
Cyclohexane	ND		1.0	0.18	ug/L			05/12/16 11:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/12/16 11:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/12/16 11:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/12/16 11:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/12/16 11:09	1
Methyl acetate	ND		2.5	1.3	ug/L			05/12/16 11:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/12/16 11:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/12/16 11:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/12/16 11:09	1
Styrene	ND		1.0	0.73	ug/L			05/12/16 11:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/12/16 11:09	1
Toluene	ND		1.0	0.51	ug/L			05/12/16 11:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/12/16 11:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/12/16 11:09	1
Trichloroethene	ND		1.0	0.46	ug/L			05/12/16 11:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/12/16 11:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/12/16 11:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/12/16 11:09	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

<i>Surrogate</i>	<i>MB %Recovery</i>	<i>MB Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		05/12/16 11:09	1
4-Bromofluorobenzene (Surr)	93		73 - 120		05/12/16 11:09	1
Toluene-d8 (Surr)	98		71 - 126		05/12/16 11:09	1
Dibromofluoromethane (Surr)	100		60 - 140		05/12/16 11:09	1

Lab Sample ID: LCS 480-301365/4

Matrix: Water

Analysis Batch: 301365

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

<i>Analyte</i>	<i>Spike Added</i>	<i>LCS Result</i>	<i>LCS Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec. Limits</i>
1,1,1-Trichloroethane	25.0	26.5		ug/L		106	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.8		ug/L		99	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.7		ug/L		103	52 - 148
1,1,2-Trichloroethane	25.0	24.2		ug/L		97	76 - 122
1,1-Dichloroethane	25.0	26.2		ug/L		105	71 - 129
1,1-Dichloroethene	25.0	25.5		ug/L		102	58 - 121
1,2,4-Trichlorobenzene	25.0	22.7		ug/L		91	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.1		ug/L		88	56 - 134
1,2-Dibromoethane	25.0	23.8		ug/L		95	77 - 120
1,2-Dichlorobenzene	25.0	23.3		ug/L		93	80 - 124
1,2-Dichloroethane	25.0	26.5		ug/L		106	75 - 127
1,2-Dichloropropane	25.0	26.4		ug/L		106	76 - 120
1,3-Dichlorobenzene	25.0	23.2		ug/L		93	77 - 120
1,4-Dichlorobenzene	25.0	22.9		ug/L		92	75 - 120
2-Butanone (MEK)	125	144		ug/L		115	57 - 140
2-Hexanone	125	138		ug/L		111	65 - 127
4-Methyl-2-pentanone (MIBK)	125	134		ug/L		107	71 - 125
Acetone	125	163		ug/L		131	56 - 142
Benzene	25.0	25.6		ug/L		102	71 - 124
Bromodichloromethane	25.0	26.5		ug/L		106	80 - 122
Bromoform	25.0	23.0		ug/L		92	52 - 132
Bromomethane	25.0	24.4		ug/L		97	55 - 144
Carbon disulfide	25.0	24.1		ug/L		96	59 - 134
Carbon tetrachloride	25.0	26.5		ug/L		106	72 - 134
Chlorobenzene	25.0	23.9		ug/L		96	72 - 120
Chloroethane	25.0	23.3		ug/L		93	69 - 136
Chloroform	25.0	26.1		ug/L		104	73 - 127
Chloromethane	25.0	25.9		ug/L		104	68 - 124
cis-1,2-Dichloroethene	25.0	25.5		ug/L		102	74 - 124
cis-1,3-Dichloropropene	25.0	25.6		ug/L		103	74 - 124
Cyclohexane	25.0	25.6		ug/L		102	59 - 135
Dibromochloromethane	25.0	24.7		ug/L		99	75 - 125
Dichlorodifluoromethane	25.0	24.4		ug/L		98	59 - 135
Ethylbenzene	25.0	22.1		ug/L		89	77 - 123
Isopropylbenzene	25.0	23.2		ug/L		93	77 - 122
Methyl acetate	125	143		ug/L		114	74 - 133
Methyl tert-butyl ether	25.0	24.9		ug/L		100	64 - 127
Methylcyclohexane	25.0	24.3		ug/L		97	61 - 138
Methylene Chloride	25.0	26.0		ug/L		104	57 - 132
Styrene	25.0	22.3		ug/L		89	70 - 130
Tetrachloroethene	25.0	22.6		ug/L		90	74 - 122
Toluene	25.0	22.8		ug/L		91	80 - 122
trans-1,2-Dichloroethene	25.0	24.9		ug/L		100	73 - 127

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

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

Lab Sample ID: LCS 480-301365/4

Matrix: Water

Analysis Batch: 301365

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	24.5		ug/L		98	72 - 123
Trichloroethene	25.0	24.7		ug/L		99	74 - 123
Trichlorofluoromethane	25.0	25.2		ug/L		101	62 - 152
Vinyl chloride	25.0	26.0		ug/L		104	65 - 133
Xylenes, Total	50.0	47.4		ug/L		95	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		66 - 137
4-Bromofluorobenzene (Surr)	95		73 - 120
Toluene-d8 (Surr)	98		71 - 126
Dibromofluoromethane (Surr)	104		60 - 140

Lab Sample ID: 480-99482-1 MS

Matrix: Water

Analysis Batch: 301365

Client Sample ID: BCC Area E DMH-E31 MS_0516

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	F1	25.0	32.9	F1	ug/L		132	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	30.0		ug/L		120	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	30.9		ug/L		124	52 - 148
1,1,2-Trichloroethane	ND		25.0	29.3		ug/L		117	76 - 122
1,1-Dichloroethane	ND		25.0	31.4		ug/L		126	71 - 129
1,1-Dichloroethene	ND	F1	25.0	31.5	F1	ug/L		126	58 - 121
1,2,4-Trichlorobenzene	1.1		25.0	27.6		ug/L		106	70 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	27.8		ug/L		111	56 - 134
1,2-Dibromoethane	ND		25.0	29.0		ug/L		116	77 - 120
1,2-Dichlorobenzene	7.1		25.0	34.5		ug/L		110	80 - 124
1,2-Dichloroethane	ND	F1	25.0	32.0	F1	ug/L		128	75 - 127
1,2-Dichloropropane	ND	F1	25.0	31.6	F1	ug/L		127	76 - 120
1,3-Dichlorobenzene	0.97	J	25.0	28.9		ug/L		112	77 - 120
1,4-Dichlorobenzene	2.6		25.0	29.3		ug/L		107	75 - 120
2-Butanone (MEK)	ND		125	172		ug/L		137	57 - 140
2-Hexanone	ND	F1	125	160	F1	ug/L		128	65 - 127
4-Methyl-2-pentanone (MIBK)	ND	F1	125	157	F1	ug/L		126	71 - 125
Acetone	ND		125	172		ug/L		137	56 - 142
Benzene	1.2		25.0	31.9		ug/L		123	71 - 124
Bromodichloromethane	ND	F1	25.0	31.5	F1	ug/L		126	80 - 122
Bromoform	ND		25.0	28.0		ug/L		112	52 - 132
Bromomethane	ND		25.0	30.8		ug/L		123	55 - 144
Carbon disulfide	ND		25.0	30.4		ug/L		121	59 - 134
Carbon tetrachloride	ND		25.0	31.9		ug/L		128	72 - 134
Chlorobenzene	12		25.0	40.1		ug/L		111	72 - 120
Chloroethane	ND		25.0	29.4		ug/L		118	69 - 136
Chloroform	ND		25.0	31.6		ug/L		126	73 - 127
Chloromethane	ND	F1	25.0	33.2	F1	ug/L		133	68 - 124
cis-1,2-Dichloroethene	ND		25.0	31.0		ug/L		124	74 - 124
cis-1,3-Dichloropropene	ND		25.0	29.3		ug/L		117	74 - 124

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

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

Lab Sample ID: 480-99482-1 MS

Matrix: Water

Analysis Batch: 301365

Client Sample ID: BCC Area E DMH-E31 MS_0516

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyclohexane	ND		25.0	30.6		ug/L		122	59 - 135
Dibromochloromethane	ND		25.0	29.0		ug/L		116	75 - 125
Dichlorodifluoromethane	ND	F1	25.0	34.5	F1	ug/L		138	59 - 135
Ethylbenzene	ND		25.0	27.2		ug/L		109	77 - 123
Isopropylbenzene	ND		25.0	28.3		ug/L		113	77 - 122
Methyl acetate	ND	F1	125	167	F1	ug/L		134	74 - 133
Methyl tert-butyl ether	ND		25.0	29.4		ug/L		118	64 - 127
Methylcyclohexane	ND		25.0	28.2		ug/L		113	61 - 138
Methylene Chloride	ND		25.0	30.9		ug/L		124	57 - 132
Styrene	ND		25.0	27.5		ug/L		110	70 - 130
Tetrachloroethene	ND		25.0	27.5		ug/L		110	74 - 122
Toluene	ND		25.0	28.2		ug/L		113	80 - 122
trans-1,2-Dichloroethene	ND		25.0	30.5		ug/L		122	73 - 127
trans-1,3-Dichloropropene	ND		25.0	29.3		ug/L		117	72 - 123
Trichloroethene	ND		25.0	29.7		ug/L		119	74 - 123
Trichlorofluoromethane	ND		25.0	30.6		ug/L		123	62 - 152
Vinyl chloride	ND		25.0	32.9		ug/L		132	65 - 133
Xylenes, Total	ND		50.0	56.4		ug/L		113	76 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		66 - 137
4-Bromofluorobenzene (Surr)	95		73 - 120
Toluene-d8 (Surr)	97		71 - 126
Dibromofluoromethane (Surr)	101		60 - 140

Lab Sample ID: 480-99482-1 MSD

Matrix: Water

Analysis Batch: 301365

Client Sample ID: BCC Area E DMH-E31 MSD_0516

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	F1	25.0	32.3	F1	ug/L		129	73 - 126	2	15
1,1,2,2-Tetrachloroethane	ND		25.0	29.3		ug/L		117	70 - 126	3	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	30.4		ug/L		122	52 - 148	2	20
1,1,2-Trichloroethane	ND		25.0	28.8		ug/L		115	76 - 122	2	15
1,1-Dichloroethane	ND		25.0	32.1		ug/L		129	71 - 129	2	20
1,1-Dichloroethene	ND	F1	25.0	30.3		ug/L		121	58 - 121	4	16
1,2,4-Trichlorobenzene	1.1		25.0	27.8		ug/L		107	70 - 122	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	26.2		ug/L		105	56 - 134	6	15
1,2-Dibromoethane	ND		25.0	28.5		ug/L		114	77 - 120	2	15
1,2-Dichlorobenzene	7.1		25.0	34.5		ug/L		110	80 - 124	0	20
1,2-Dichloroethane	ND	F1	25.0	31.3		ug/L		125	75 - 127	2	20
1,2-Dichloropropane	ND	F1	25.0	31.7	F1	ug/L		127	76 - 120	0	20
1,3-Dichlorobenzene	0.97	J	25.0	28.5		ug/L		110	77 - 120	1	20
1,4-Dichlorobenzene	2.6		25.0	29.4		ug/L		107	75 - 120	0	20
2-Butanone (MEK)	ND		125	164		ug/L		131	57 - 140	5	20
2-Hexanone	ND	F1	125	157		ug/L		126	65 - 127	1	15
4-Methyl-2-pentanone (MIBK)	ND	F1	125	154		ug/L		124	71 - 125	2	35

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

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

Lab Sample ID: 480-99482-1 MSD

Matrix: Water

Analysis Batch: 301365

Client Sample ID: BCC Area E DMH-E31 MSD_0516

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	168		ug/L		134	56 - 142	2	15
Benzene	1.2		25.0	31.8		ug/L		122	71 - 124	0	13
Bromodichloromethane	ND	F1	25.0	31.5	F1	ug/L		126	80 - 122	0	15
Bromoform	ND		25.0	27.8		ug/L		111	52 - 132	1	15
Bromomethane	ND		25.0	30.0		ug/L		120	55 - 144	2	15
Carbon disulfide	ND		25.0	29.9		ug/L		120	59 - 134	2	15
Carbon tetrachloride	ND		25.0	31.6		ug/L		126	72 - 134	1	15
Chlorobenzene	12		25.0	39.9		ug/L		110	72 - 120	1	25
Chloroethane	ND		25.0	28.2		ug/L		113	69 - 136	4	15
Chloroform	ND		25.0	31.0		ug/L		124	73 - 127	2	20
Chloromethane	ND	F1	25.0	32.4	F1	ug/L		130	68 - 124	2	15
cis-1,2-Dichloroethene	ND		25.0	31.1		ug/L		124	74 - 124	0	15
cis-1,3-Dichloropropene	ND		25.0	29.5		ug/L		118	74 - 124	1	15
Cyclohexane	ND		25.0	30.2		ug/L		121	59 - 135	1	20
Dibromochloromethane	ND		25.0	29.4		ug/L		118	75 - 125	1	15
Dichlorodifluoromethane	ND	F1	25.0	33.5		ug/L		134	59 - 135	3	20
Ethylbenzene	ND		25.0	27.1		ug/L		108	77 - 123	1	15
Isopropylbenzene	ND		25.0	27.9		ug/L		112	77 - 122	1	20
Methyl acetate	ND	F1	125	160		ug/L		128	74 - 133	4	20
Methyl tert-butyl ether	ND		25.0	28.9		ug/L		116	64 - 127	2	37
Methylcyclohexane	ND		25.0	27.9		ug/L		112	61 - 138	1	20
Methylene Chloride	ND		25.0	31.5		ug/L		126	57 - 132	2	15
Styrene	ND		25.0	27.4		ug/L		110	70 - 130	0	20
Tetrachloroethene	ND		25.0	27.7		ug/L		111	74 - 122	1	20
Toluene	ND		25.0	28.2		ug/L		113	80 - 122	0	15
trans-1,2-Dichloroethene	ND		25.0	29.9		ug/L		120	73 - 127	2	20
trans-1,3-Dichloropropene	ND		25.0	29.1		ug/L		116	72 - 123	1	15
Trichloroethene	ND		25.0	29.8		ug/L		119	74 - 123	0	16
Trichlorofluoromethane	ND		25.0	29.9		ug/L		120	62 - 152	2	20
Vinyl chloride	ND		25.0	32.0		ug/L		128	65 - 133	3	15
Xylenes, Total	ND		50.0	56.9		ug/L		114	76 - 122	1	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		66 - 137
4-Bromofluorobenzene (Surr)	95		73 - 120
Toluene-d8 (Surr)	97		71 - 126
Dibromofluoromethane (Surr)	102		60 - 140

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

Lab Sample ID: MB 480-299803/1-A

Matrix: Water

Analysis Batch: 300066

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 299803

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		05/04/16 07:58	05/05/16 10:05	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		05/04/16 07:58	05/05/16 10:05	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		05/04/16 07:58	05/05/16 10:05	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

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

Lab Sample ID: MB 480-299803/1-A

Matrix: Water

Analysis Batch: 300066

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 299803

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		05/04/16 07:58	05/05/16 10:05	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		05/04/16 07:58	05/05/16 10:05	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		05/04/16 07:58	05/05/16 10:05	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		05/04/16 07:58	05/05/16 10:05	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		05/04/16 07:58	05/05/16 10:05	1
2-Chlorophenol	ND		5.0	0.53	ug/L		05/04/16 07:58	05/05/16 10:05	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		05/04/16 07:58	05/05/16 10:05	1
2-Methylphenol	ND		5.0	0.40	ug/L		05/04/16 07:58	05/05/16 10:05	1
2-Nitroaniline	ND		10	0.42	ug/L		05/04/16 07:58	05/05/16 10:05	1
2-Nitrophenol	ND		5.0	0.48	ug/L		05/04/16 07:58	05/05/16 10:05	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		05/04/16 07:58	05/05/16 10:05	1
3-Nitroaniline	ND		10	0.48	ug/L		05/04/16 07:58	05/05/16 10:05	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		05/04/16 07:58	05/05/16 10:05	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		05/04/16 07:58	05/05/16 10:05	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		05/04/16 07:58	05/05/16 10:05	1
4-Chloroaniline	ND		5.0	0.59	ug/L		05/04/16 07:58	05/05/16 10:05	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		05/04/16 07:58	05/05/16 10:05	1
4-Methylphenol	ND		10	0.36	ug/L		05/04/16 07:58	05/05/16 10:05	1
4-Nitroaniline	ND		10	0.25	ug/L		05/04/16 07:58	05/05/16 10:05	1
4-Nitrophenol	ND		10	1.5	ug/L		05/04/16 07:58	05/05/16 10:05	1
Acenaphthene	ND		5.0	0.41	ug/L		05/04/16 07:58	05/05/16 10:05	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/04/16 07:58	05/05/16 10:05	1
Acetophenone	ND		5.0	0.54	ug/L		05/04/16 07:58	05/05/16 10:05	1
Aniline	ND		10	0.61	ug/L		05/04/16 07:58	05/05/16 10:05	1
Anthracene	ND		5.0	0.28	ug/L		05/04/16 07:58	05/05/16 10:05	1
Atrazine	ND		5.0	0.46	ug/L		05/04/16 07:58	05/05/16 10:05	1
Benzaldehyde	ND		5.0	0.27	ug/L		05/04/16 07:58	05/05/16 10:05	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		05/04/16 07:58	05/05/16 10:05	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		05/04/16 07:58	05/05/16 10:05	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		05/04/16 07:58	05/05/16 10:05	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		05/04/16 07:58	05/05/16 10:05	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		05/04/16 07:58	05/05/16 10:05	1
Biphenyl	ND		5.0	0.65	ug/L		05/04/16 07:58	05/05/16 10:05	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		05/04/16 07:58	05/05/16 10:05	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		05/04/16 07:58	05/05/16 10:05	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		05/04/16 07:58	05/05/16 10:05	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		05/04/16 07:58	05/05/16 10:05	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		05/04/16 07:58	05/05/16 10:05	1
Caprolactam	ND		5.0	2.2	ug/L		05/04/16 07:58	05/05/16 10:05	1
Carbazole	ND		5.0	0.30	ug/L		05/04/16 07:58	05/05/16 10:05	1
Chrysene	ND		5.0	0.33	ug/L		05/04/16 07:58	05/05/16 10:05	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/04/16 07:58	05/05/16 10:05	1
Dibenzofuran	ND		10	0.51	ug/L		05/04/16 07:58	05/05/16 10:05	1
Diethyl phthalate	ND		5.0	0.22	ug/L		05/04/16 07:58	05/05/16 10:05	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		05/04/16 07:58	05/05/16 10:05	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		05/04/16 07:58	05/05/16 10:05	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		05/04/16 07:58	05/05/16 10:05	1
Fluoranthene	ND		5.0	0.40	ug/L		05/04/16 07:58	05/05/16 10:05	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

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

Lab Sample ID: MB 480-299803/1-A

Matrix: Water

Analysis Batch: 300066

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 299803

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		5.0	0.36	ug/L		05/04/16 07:58	05/05/16 10:05	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		05/04/16 07:58	05/05/16 10:05	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		05/04/16 07:58	05/05/16 10:05	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		05/04/16 07:58	05/05/16 10:05	1
Hexachloroethane	ND		5.0	0.59	ug/L		05/04/16 07:58	05/05/16 10:05	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		05/04/16 07:58	05/05/16 10:05	1
Isophorone	ND		5.0	0.43	ug/L		05/04/16 07:58	05/05/16 10:05	1
Naphthalene	ND		5.0	0.76	ug/L		05/04/16 07:58	05/05/16 10:05	1
Nitrobenzene	ND		5.0	0.29	ug/L		05/04/16 07:58	05/05/16 10:05	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		05/04/16 07:58	05/05/16 10:05	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		05/04/16 07:58	05/05/16 10:05	1
Pentachlorophenol	ND		10	2.2	ug/L		05/04/16 07:58	05/05/16 10:05	1
Phenanthrene	ND		5.0	0.44	ug/L		05/04/16 07:58	05/05/16 10:05	1
Phenol	ND		5.0	0.39	ug/L		05/04/16 07:58	05/05/16 10:05	1
Pyrene	ND		5.0	0.34	ug/L		05/04/16 07:58	05/05/16 10:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	90		52 - 132	05/04/16 07:58	05/05/16 10:05	1
2-Fluorobiphenyl	90		48 - 120	05/04/16 07:58	05/05/16 10:05	1
2-Fluorophenol	58		20 - 120	05/04/16 07:58	05/05/16 10:05	1
Nitrobenzene-d5	94		46 - 120	05/04/16 07:58	05/05/16 10:05	1
Phenol-d5	46		16 - 120	05/04/16 07:58	05/05/16 10:05	1
p-Terphenyl-d14	94		67 - 150	05/04/16 07:58	05/05/16 10:05	1

Lab Sample ID: LCS 480-299803/2-A

Matrix: Water

Analysis Batch: 300066

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 299803

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	16.0	15.1		ug/L		95	65 - 126
2,4,6-Trichlorophenol	16.0	15.1		ug/L		95	64 - 120
2,4-Dichlorophenol	16.0	15.0		ug/L		93	64 - 120
2,4-Dimethylphenol	16.0	13.3		ug/L		83	57 - 120
2,4-Dinitrophenol	32.0	36.0		ug/L		112	42 - 153
2,4-Dinitrotoluene	16.0	16.3		ug/L		102	65 - 154
2,6-Dinitrotoluene	16.0	16.2		ug/L		101	74 - 134
2-Chloronaphthalene	16.0	14.4		ug/L		90	41 - 124
2-Chlorophenol	16.0	13.6		ug/L		85	48 - 120
2-Methylnaphthalene	16.0	14.5		ug/L		90	34 - 122
2-Methylphenol	16.0	13.5		ug/L		84	39 - 120
2-Nitroaniline	16.0	16.3		ug/L		102	67 - 136
2-Nitrophenol	16.0	15.0		ug/L		94	59 - 120
3,3'-Dichlorobenzidine	32.0	36.1		ug/L		113	33 - 140
3-Nitroaniline	16.0	15.1		ug/L		94	28 - 130
4,6-Dinitro-2-methylphenol	32.0	34.5		ug/L		108	64 - 159
4-Bromophenyl phenyl ether	16.0	15.0		ug/L		94	71 - 126
4-Chloro-3-methylphenol	16.0	15.2		ug/L		95	64 - 120
4-Chloroaniline	16.0	13.0		ug/L		81	10 - 130

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

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

Lab Sample ID: LCS 480-299803/2-A

Matrix: Water

Analysis Batch: 300066

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 299803

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorophenyl phenyl ether	16.0	14.7		ug/L		92	71 - 122
4-Methylphenol	16.0	13.2		ug/L		83	39 - 120
4-Nitroaniline	16.0	16.4		ug/L		103	47 - 130
4-Nitrophenol	32.0	24.9		ug/L		78	16 - 120
Acenaphthene	16.0	14.5		ug/L		91	60 - 120
Acenaphthylene	16.0	14.4		ug/L		90	63 - 120
Acetophenone	16.0	14.6		ug/L		91	45 - 120
Aniline	16.0	10.3		ug/L		64	37 - 120
Anthracene	16.0	14.4		ug/L		90	58 - 148
Atrazine	32.0	33.5		ug/L		105	56 - 179
Benzaldehyde	32.0	73.8	E *	ug/L		231	30 - 140
Benzo(a)anthracene	16.0	14.9		ug/L		93	55 - 151
Benzo(a)pyrene	16.0	14.7		ug/L		92	60 - 145
Benzo(b)fluoranthene	16.0	15.6		ug/L		97	54 - 140
Benzo(g,h,i)perylene	16.0	15.7		ug/L		98	66 - 152
Benzo(k)fluoranthene	16.0	15.2		ug/L		95	51 - 153
Biphenyl	16.0	14.3		ug/L		90	30 - 140
bis (2-chloroisopropyl) ether	16.0	15.0		ug/L		94	28 - 136
Bis(2-chloroethoxy)methane	16.0	14.5		ug/L		91	50 - 128
Bis(2-chloroethyl)ether	16.0	13.7		ug/L		86	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	14.4		ug/L		90	53 - 158
Butyl benzyl phthalate	16.0	15.3		ug/L		96	58 - 163
Caprolactam	32.0	11.8		ug/L		37	14 - 130
Carbazole	16.0	14.9		ug/L		93	59 - 148
Chrysene	16.0	14.7		ug/L		92	69 - 140
Dibenz(a,h)anthracene	16.0	15.0		ug/L		94	57 - 148
Dibenzofuran	16.0	15.0		ug/L		94	49 - 137
Diethyl phthalate	16.0	15.9		ug/L		99	59 - 146
Dimethyl phthalate	16.0	16.4		ug/L		102	59 - 141
Di-n-butyl phthalate	16.0	16.0		ug/L		100	58 - 149
Di-n-octyl phthalate	16.0	14.7		ug/L		92	55 - 167
Fluoranthene	16.0	15.4		ug/L		96	55 - 147
Fluorene	16.0	14.6		ug/L		91	55 - 143
Hexachlorobenzene	16.0	14.7		ug/L		92	14 - 130
Hexachlorobutadiene	16.0	13.3		ug/L		83	14 - 130
Hexachlorocyclopentadiene	16.0	12.2		ug/L		77	13 - 130
Hexachloroethane	16.0	12.7		ug/L		79	14 - 130
Indeno(1,2,3-cd)pyrene	16.0	15.5		ug/L		97	69 - 146
Isophorone	16.0	14.4		ug/L		90	48 - 133
Naphthalene	16.0	14.0		ug/L		87	35 - 130
Nitrobenzene	16.0	14.7		ug/L		92	45 - 123
N-Nitrosodi-n-propylamine	16.0	14.9		ug/L		93	56 - 120
N-Nitrosodiphenylamine	16.0	13.9		ug/L		87	25 - 125
Pentachlorophenol	32.0	31.9		ug/L		100	39 - 136
Phenanthrene	16.0	14.6		ug/L		91	57 - 147
Phenol	16.0	8.89		ug/L		56	17 - 120
Pyrene	16.0	15.1		ug/L		94	58 - 136

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

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

Lab Sample ID: LCS 480-299803/2-A

Matrix: Water

Analysis Batch: 300066

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 299803

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	100		52 - 132
2-Fluorobiphenyl	86		48 - 120
2-Fluorophenol	67		20 - 120
Nitrobenzene-d5	87		46 - 120
Phenol-d5	52		16 - 120
p-Terphenyl-d14	94		67 - 150

Lab Sample ID: 480-99482-1 MS

Matrix: Water

Analysis Batch: 300066

Client Sample ID: BCC Area E DMH-E31 MS_0516

Prep Type: Total/NA

Prep Batch: 299803

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		15.3	13.1	J	ug/L		86	65 - 126
2,4,6-Trichlorophenol	ND		15.3	13.6	J	ug/L		89	64 - 120
2,4-Dichlorophenol	ND		15.3	13.0	J	ug/L		85	64 - 120
2,4-Dimethylphenol	ND		15.3	13.5	J	ug/L		88	57 - 120
2,4-Dinitrophenol	ND		30.6	45.2	J	ug/L		148	42 - 153
2,4-Dinitrotoluene	11	J	15.3	26.9		ug/L		106	62 - 148
2,6-Dinitrotoluene	41	F1	15.3	65.9	F1	ug/L		159	65 - 154
2-Chloronaphthalene	ND		15.3	13.6	J	ug/L		88	41 - 124
2-Chlorophenol	ND		15.3	13.1	J	ug/L		86	48 - 120
2-Methylnaphthalene	ND		15.3	13.8	J	ug/L		90	34 - 122
2-Methylphenol	ND		15.3	12.8	J	ug/L		84	39 - 120
2-Nitroaniline	ND		15.3	14.0	J	ug/L		91	67 - 136
2-Nitrophenol	ND		15.3	14.6	J	ug/L		95	59 - 120
3,3'-Dichlorobenzidine	ND		30.6	23.8	J	ug/L		78	33 - 140
3-Nitroaniline	ND		15.3	14.4	J	ug/L		94	69 - 129
4,6-Dinitro-2-methylphenol	ND		30.6	41.1	J	ug/L		134	64 - 159
4-Bromophenyl phenyl ether	ND		15.3	14.2	J	ug/L		93	71 - 126
4-Chloro-3-methylphenol	ND		15.3	14.3	J	ug/L		93	64 - 120
4-Chloroaniline	ND		15.3	12.8	J	ug/L		83	60 - 124
4-Chlorophenyl phenyl ether	ND		15.3	13.9	J	ug/L		90	48 - 145
4-Methylphenol	ND		15.3	12.0	J	ug/L		78	36 - 120
4-Nitroaniline	ND		15.3	13.7	J	ug/L		90	64 - 135
4-Nitrophenol	ND		30.6	21.7	J	ug/L		71	16 - 120
Acenaphthene	ND		15.3	14.6	J	ug/L		96	60 - 120
Acenaphthylene	ND		15.3	13.5	J	ug/L		88	63 - 120
Acetophenone	ND		15.3	13.8	J	ug/L		90	45 - 120
Aniline	4.3	J	15.3	16.3	J	ug/L		78	37 - 120
Anthracene	ND		15.3	14.9	J	ug/L		97	58 - 148
Atrazine	ND		30.6	31.6		ug/L		103	56 - 179
Benzaldehyde	ND	F1 *	30.6	75.5	F1	ug/L		246	30 - 140
Benzo(a)anthracene	ND		15.3	11.8	J	ug/L		77	55 - 151
Benzo(a)pyrene	ND	F1	15.3	9.35	J	ug/L		61	60 - 145
Benzo(b)fluoranthene	ND		15.3	9.47	J	ug/L		62	54 - 140
Benzo(g,h,i)perylene	ND	F1	15.3	8.43	J F1	ug/L		55	66 - 152
Benzo(k)fluoranthene	ND		15.3	9.65	J	ug/L		63	51 - 153
Biphenyl	ND		15.3	13.6	J	ug/L		89	30 - 140

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

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

Lab Sample ID: 480-99482-1 MS

Matrix: Water

Analysis Batch: 300066

Client Sample ID: BCC Area E DMH-E31 MS_0516

Prep Type: Total/NA

Prep Batch: 299803

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
bis (2-chloroisopropyl) ether	ND		15.3	8.98	J	ug/L		59	28 - 136
Bis(2-chloroethoxy)methane	ND		15.3	13.5	J	ug/L		88	50 - 128
Bis(2-chloroethyl)ether	ND		15.3	13.2	J	ug/L		86	51 - 120
Bis(2-ethylhexyl) phthalate	ND	F1	15.3	ND	F1	ug/L		0	53 - 158
Butyl benzyl phthalate	ND		15.3	12.9	J	ug/L		84	58 - 163
Caprolactam	ND		30.6	11.1	J	ug/L		36	30 - 140
Carbazole	ND		15.3	16.1	J	ug/L		105	59 - 148
Chrysene	ND		15.3	11.6	J	ug/L		76	69 - 140
Dibenz(a,h)anthracene	ND	F1	15.3	8.12	J F1	ug/L		53	57 - 158
Dibenzofuran	ND		15.3	14.4	J	ug/L		94	49 - 137
Diethyl phthalate	ND		15.3	15.2	J	ug/L		99	59 - 146
Dimethyl phthalate	ND		15.3	14.4	J	ug/L		94	59 - 141
Di-n-butyl phthalate	ND		15.3	13.8	J	ug/L		90	58 - 149
Di-n-octyl phthalate	ND	F1	15.3	8.38	J	ug/L		55	55 - 167
Fluoranthene	ND		15.3	14.8	J	ug/L		97	55 - 147
Fluorene	ND		15.3	14.5	J	ug/L		95	55 - 143
Hexachlorobenzene	ND		15.3	13.6	J	ug/L		88	38 - 131
Hexachlorobutadiene	ND		15.3	12.1	J	ug/L		79	14 - 130
Hexachlorocyclopentadiene	ND		15.3	12.2	J	ug/L		80	13 - 130
Hexachloroethane	ND		15.3	12.8	J	ug/L		83	14 - 130
Indeno(1,2,3-cd)pyrene	ND	F1	15.3	8.23	J F1	ug/L		54	69 - 146
Isophorone	ND		15.3	13.7	J	ug/L		89	48 - 133
Naphthalene	ND		15.3	14.4	J	ug/L		94	35 - 130
Nitrobenzene	ND		15.3	15.7	J	ug/L		103	45 - 123
N-Nitrosodi-n-propylamine	ND		15.3	14.0	J	ug/L		91	56 - 120
N-Nitrosodiphenylamine	ND		15.3	14.5	J	ug/L		94	25 - 125
Pentachlorophenol	ND		30.6	41.4	J	ug/L		135	39 - 136
Phenanthrene	ND		15.3	15.0	J	ug/L		98	57 - 147
Phenol	ND		15.3	8.88	J	ug/L		58	17 - 120
Pyrene	ND		15.3	14.3	J	ug/L		93	58 - 136

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol	103		52 - 132
2-Fluorobiphenyl	89		48 - 120
2-Fluorophenol	63		20 - 120
Nitrobenzene-d5	89		46 - 120
Phenol-d5	51		16 - 120
p-Terphenyl-d14	69		67 - 150

Lab Sample ID: 480-99482-1 MSD

Matrix: Water

Analysis Batch: 300066

Client Sample ID: BCC Area E DMH-E31 MSD_0516

Prep Type: Total/NA

Prep Batch: 299803

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		15.1	13.6	J	ug/L		90	65 - 126	4	18
2,4,6-Trichlorophenol	ND		15.1	12.7	J	ug/L		84	64 - 120	7	19
2,4-Dichlorophenol	ND		15.1	12.4	J	ug/L		82	64 - 120	5	19
2,4-Dimethylphenol	ND		15.1	12.7	J	ug/L		84	57 - 120	6	42

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

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

Lab Sample ID: 480-99482-1 MSD

Matrix: Water

Analysis Batch: 300066

Client Sample ID: BCC Area E DMH-E31 MSD_0516

Prep Type: Total/NA

Prep Batch: 299803

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dinitrophenol	ND		30.2	43.9	J	ug/L		145	42 - 153	3	22
2,4-Dinitrotoluene	11	J	15.1	24.7		ug/L		93	62 - 148	9	20
2,6-Dinitrotoluene	41	F1	15.1	65.9	F1	ug/L		162	65 - 154	0	15
2-Chloronaphthalene	ND		15.1	13.2	J	ug/L		87	41 - 124	3	21
2-Chlorophenol	ND		15.1	12.5	J	ug/L		83	48 - 120	5	25
2-Methylnaphthalene	ND		15.1	13.3	J	ug/L		88	34 - 122	4	21
2-Methylphenol	ND		15.1	12.4	J	ug/L		82	39 - 120	4	27
2-Nitroaniline	ND		15.1	14.1	J	ug/L		93	67 - 136	0	15
2-Nitrophenol	ND		15.1	13.6	J	ug/L		90	59 - 120	7	18
3,3'-Dichlorobenzidine	ND		30.2	24.6		ug/L		82	33 - 140	4	25
3-Nitroaniline	ND		15.1	14.1	J	ug/L		93	69 - 129	2	19
4,6-Dinitro-2-methylphenol	ND		30.2	39.7	J	ug/L		131	64 - 159	3	15
4-Bromophenyl phenyl ether	ND		15.1	13.9	J	ug/L		92	71 - 126	2	15
4-Chloro-3-methylphenol	ND		15.1	13.6	J	ug/L		90	64 - 120	5	27
4-Chloroaniline	ND		15.1	12.4	J	ug/L		82	60 - 124	2	22
4-Chlorophenyl phenyl ether	ND		15.1	14.1	J	ug/L		93	48 - 145	2	16
4-Methylphenol	ND		15.1	11.5	J	ug/L		76	36 - 120	4	24
4-Nitroaniline	ND		15.1	13.0	J	ug/L		86	64 - 135	5	24
4-Nitrophenol	ND		30.2	21.5	J	ug/L		71	16 - 120	1	48
Acenaphthene	ND		15.1	14.3	J	ug/L		95	60 - 120	2	24
Acenaphthylene	ND		15.1	13.4	J	ug/L		88	63 - 120	1	18
Acetophenone	ND		15.1	13.3	J	ug/L		88	45 - 120	4	20
Aniline	4.3	J	15.1	16.1	J	ug/L		79	37 - 120	1	30
Anthracene	ND		15.1	14.2	J	ug/L		94	58 - 148	5	15
Atrazine	ND		30.2	30.9		ug/L		102	56 - 179	2	20
Benzaldehyde	ND	F1 *	30.2	69.7	F1	ug/L		231	30 - 140	8	20
Benzo(a)anthracene	ND		15.1	11.4	J	ug/L		75	55 - 151	4	15
Benzo(a)pyrene	ND	F1	15.1	8.81	J F1	ug/L		58	60 - 145	6	15
Benzo(b)fluoranthene	ND		15.1	9.16	J	ug/L		61	54 - 140	3	15
Benzo(g,h,i)perylene	ND	F1	15.1	7.79	J F1	ug/L		52	66 - 152	8	15
Benzo(k)fluoranthene	ND		15.1	9.10	J	ug/L		60	51 - 153	6	22
Biphenyl	ND		15.1	13.4	J	ug/L		89	30 - 140	2	20
bis (2-chloroisopropyl) ether	ND		15.1	8.84	J	ug/L		58	28 - 136	2	24
Bis(2-chloroethoxy)methane	ND		15.1	13.1	J	ug/L		87	50 - 128	3	17
Bis(2-chloroethyl)ether	ND		15.1	12.5	J	ug/L		83	51 - 120	6	21
Bis(2-ethylhexyl) phthalate	ND	F1	15.1	ND	F1	ug/L		0	53 - 158	NC	15
Butyl benzyl phthalate	ND		15.1	12.2	J	ug/L		81	58 - 163	6	16
Caprolactam	ND		30.2	10.3	J	ug/L		34	30 - 140	7	20
Carbazole	ND		15.1	15.3	J	ug/L		101	59 - 148	5	20
Chrysene	ND		15.1	11.3	J	ug/L		75	69 - 140	3	15
Dibenz(a,h)anthracene	ND	F1	15.1	7.54	J F1	ug/L		50	57 - 158	7	15
Dibenzofuran	ND		15.1	14.1	J	ug/L		93	49 - 137	2	15
Diethyl phthalate	ND		15.1	14.5	J	ug/L		96	59 - 146	4	15
Dimethyl phthalate	ND		15.1	14.0	J	ug/L		93	59 - 141	3	15
Di-n-butyl phthalate	ND		15.1	13.2	J	ug/L		88	58 - 149	4	15
Di-n-octyl phthalate	ND	F1	15.1	8.07	J F1	ug/L		53	55 - 167	4	16
Fluoranthene	ND		15.1	14.4	J	ug/L		96	55 - 147	3	15
Fluorene	ND		15.1	14.5	J	ug/L		96	55 - 143	0	15

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

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

Lab Sample ID: 480-99482-1 MSD

Matrix: Water

Analysis Batch: 300066

Client Sample ID: BCC Area E DMH-E31 MSD_0516

Prep Type: Total/NA

Prep Batch: 299803

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachlorobenzene	ND		15.1	12.2	J	ug/L		81	38 - 131	10	15
Hexachlorobutadiene	ND		15.1	11.6	J	ug/L		77	14 - 130	4	44
Hexachlorocyclopentadiene	ND		15.1	11.3	J	ug/L		75	13 - 130	8	49
Hexachloroethane	ND		15.1	12.1	J	ug/L		80	14 - 130	6	46
Indeno(1,2,3-cd)pyrene	ND	F1	15.1	7.83	J F1	ug/L		52	69 - 146	5	15
Isophorone	ND		15.1	12.7	J	ug/L		84	48 - 133	8	17
Naphthalene	ND		15.1	14.0	J	ug/L		92	35 - 130	3	29
Nitrobenzene	ND		15.1	14.6	J	ug/L		97	45 - 123	7	24
N-Nitrosodi-n-propylamine	ND		15.1	13.2	J	ug/L		87	56 - 120	6	31
N-Nitrosodiphenylamine	ND		15.1	13.9	J	ug/L		92	25 - 125	4	15
Pentachlorophenol	ND		30.2	39.7	J	ug/L		131	39 - 136	4	37
Phenanthrene	ND		15.1	14.5	J	ug/L		96	57 - 147	3	15
Phenol	ND		15.1	8.34	J	ug/L		55	17 - 120	6	34
Pyrene	ND		15.1	13.9	J	ug/L		92	58 - 136	3	19

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol	102		52 - 132
2-Fluorobiphenyl	86		48 - 120
2-Fluorophenol	59		20 - 120
Nitrobenzene-d5	87		46 - 120
Phenol-d5	47		16 - 120
p-Terphenyl-d14	65	X	67 - 150

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

GC/MS VOA

Analysis Batch: 301365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-99482-1	BCC Area E DMH-E31_0516	Total/NA	Water	8260C	
480-99482-1 MS	BCC Area E DMH-E31 MS_0516	Total/NA	Water	8260C	
480-99482-1 MSD	BCC Area E DMH-E31 MSD_0516	Total/NA	Water	8260C	
480-99482-2	BCC Area E DMH-E31 D_0516	Total/NA	Water	8260C	
480-99482-3	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-301365/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-301365/6	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 299803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-99482-1	BCC Area E DMH-E31_0516	Total/NA	Water	3510C	
480-99482-1 MS	BCC Area E DMH-E31 MS_0516	Total/NA	Water	3510C	
480-99482-1 MSD	BCC Area E DMH-E31 MSD_0516	Total/NA	Water	3510C	
480-99482-2	BCC Area E DMH-E31 D_0516	Total/NA	Water	3510C	
LCS 480-299803/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-299803/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 300066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-99482-1	BCC Area E DMH-E31_0516	Total/NA	Water	8270D	299803
480-99482-1 MS	BCC Area E DMH-E31 MS_0516	Total/NA	Water	8270D	299803
480-99482-1 MSD	BCC Area E DMH-E31 MSD_0516	Total/NA	Water	8270D	299803
480-99482-2	BCC Area E DMH-E31 D_0516	Total/NA	Water	8270D	299803
LCS 480-299803/2-A	Lab Control Sample	Total/NA	Water	8270D	299803
MB 480-299803/1-A	Method Blank	Total/NA	Water	8270D	299803

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-99482-1

Client Sample ID: BCC Area E DMH-E31_0516

Lab Sample ID: 480-99482-1

Date Collected: 05/03/16 13:00

Matrix: Water

Date Received: 05/03/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	301365	05/12/16 15:20	GVF	TAL BUF
Total/NA	Prep	3510C			299803	05/04/16 07:58	CPH	TAL BUF
Total/NA	Analysis	8270D		5	300066	05/05/16 12:33	LMW	TAL BUF

Client Sample ID: BCC Area E DMH-E31 D_0516

Lab Sample ID: 480-99482-2

Date Collected: 05/03/16 13:15

Matrix: Water

Date Received: 05/03/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	301365	05/12/16 15:45	GVF	TAL BUF
Total/NA	Prep	3510C			299803	05/04/16 07:58	CPH	TAL BUF
Total/NA	Analysis	8270D		5	300066	05/05/16 13:03	LMW	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-99482-3

Date Collected: 05/03/16 00:00

Matrix: Water

Date Received: 05/03/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	301365	05/12/16 12:49	GVF	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 E Storm Sewer

TestAmerica Job ID: 480-99482-1

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 E Storm Sewer

TestAmerica Job ID: 480-99482-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF

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 E Storm Sewer

TestAmerica Job ID: 480-99482-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-99482-1	BCC Area E DMH-E31_0516	Water	05/03/16 13:00	05/03/16 15:15
480-99482-2	BCC Area E DMH-E31 D_0516	Water	05/03/16 13:15	05/03/16 15:15
480-99482-3	TRIP BLANK	Water	05/03/16 00:00	05/03/16 15:15

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-99482-1

Login Number: 99482

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	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-104757-1

Client Project/Site: Buffalo Color Area E Storm Sewer

Sampling Event: Buffalo Color Area E Storm Sewer

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Kirsten Colligan



Authorized for release by:

8/24/2016 11:34:38 AM

Rebecca Jones, Project Management Assistant I

rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II

(716)504-9838

john.schove@testamericainc.com

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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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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control 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
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.
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.
α	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)

Case Narrative

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

Job ID: 480-104757-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-104757-1

Comments

No additional comments.

Receipt

The samples were received on 8/18/2016 3:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.9° C.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-316901 recovered above the upper control limit for Carbon tetrachloride. 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 E DMH-E31_0816 (480-104757-1), BCC Area E DMH-E31 D_0816 (480-104757-2) and TRIP BLANK (480-104757-3).

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, 8270D LL: The continuing calibration verification (CCV) associated with batch 480-317048 recovered outside acceptance criteria, low biased, for bis (2-chloroisopropyl) ether and 3,3'-Dichlorobenzidine. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for these analytes, the data have been reported.

Method(s) 8270D: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area E DMH-E31_0816 (480-104757-1), BCC Area E DMH-E31 MS_0816 (480-104757-1[MS]), BCC Area E DMH-E31 MSD_0816 (480-104757-1[MSD]) and BCC Area E DMH-E31 D_0816 (480-104757-2). Elevated reporting limits (RLs) are provided.

Method(s) 8270D, 8270D LL: The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 480-317048 was outside criteria for the following analyte(s): 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.

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 E Storm Sewer

TestAmerica Job ID: 480-104757-1

Client Sample ID: BCC Area E DMH-E31_0816

Lab Sample ID: 480-104757-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,2-Dichlorobenzene	6.0		1.0	0.79	ug/L		1		8260C	Total/NA
1,3-Dichlorobenzene	1.5		1.0	0.78	ug/L		1		8260C	Total/NA
1,4-Dichlorobenzene	4.0		1.0	0.84	ug/L		1		8260C	Total/NA
Acetone	4.0	J	10	3.0	ug/L		1		8260C	Total/NA
Benzene	2.7		1.0	0.41	ug/L		1		8260C	Total/NA
Chlorobenzene	20		1.0	0.75	ug/L		1		8260C	Total/NA
2,4-Dinitrotoluene	24		23	2.1	ug/L		5		8270D	Total/NA
2,6-Dinitrotoluene	75		23	1.9	ug/L		5		8270D	Total/NA

Client Sample ID: BCC Area E DMH-E31 D_0816

Lab Sample ID: 480-104757-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,2-Dichlorobenzene	6.3		1.0	0.79	ug/L		1		8260C	Total/NA
1,3-Dichlorobenzene	1.5		1.0	0.78	ug/L		1		8260C	Total/NA
1,4-Dichlorobenzene	4.3		1.0	0.84	ug/L		1		8260C	Total/NA
Benzene	2.6		1.0	0.41	ug/L		1		8260C	Total/NA
Chlorobenzene	20		1.0	0.75	ug/L		1		8260C	Total/NA
2,4-Dinitrotoluene	24		23	2.1	ug/L		5		8270D	Total/NA
2,6-Dinitrotoluene	77		23	1.9	ug/L		5		8270D	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-104757-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Carbon disulfide	0.96	J	1.0	0.19	ug/L		1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

Client Sample ID: BCC Area E DMH-E31_0816

Lab Sample ID: 480-104757-1

Date Collected: 08/16/16 13:15

Matrix: Water

Date Received: 08/18/16 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	F1	1.0	0.82	ug/L			08/20/16 05:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/20/16 05:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/20/16 05:26	1
1,1,2-Trichloroethane	ND	F2	1.0	0.23	ug/L			08/20/16 05:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/20/16 05:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/20/16 05:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/20/16 05:26	1
1,2-Dibromo-3-Chloropropane	ND	F2	1.0	0.39	ug/L			08/20/16 05:26	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/20/16 05:26	1
1,2-Dichlorobenzene	6.0		1.0	0.79	ug/L			08/20/16 05:26	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/20/16 05:26	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/20/16 05:26	1
1,3-Dichlorobenzene	1.5		1.0	0.78	ug/L			08/20/16 05:26	1
1,4-Dichlorobenzene	4.0		1.0	0.84	ug/L			08/20/16 05:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/20/16 05:26	1
2-Hexanone	ND		5.0	1.2	ug/L			08/20/16 05:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/20/16 05:26	1
Acetone	4.0 J		10	3.0	ug/L			08/20/16 05:26	1
Benzene	2.7		1.0	0.41	ug/L			08/20/16 05:26	1
Bromodichloromethane	ND	F1	1.0	0.39	ug/L			08/20/16 05:26	1
Bromoform	ND	F1	1.0	0.26	ug/L			08/20/16 05:26	1
Bromomethane	ND		1.0	0.69	ug/L			08/20/16 05:26	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/20/16 05:26	1
Carbon tetrachloride	ND	F1	1.0	0.27	ug/L			08/20/16 05:26	1
Chlorobenzene	20		1.0	0.75	ug/L			08/20/16 05:26	1
Chloroethane	ND		1.0	0.32	ug/L			08/20/16 05:26	1
Chloroform	ND		1.0	0.34	ug/L			08/20/16 05:26	1
Chloromethane	ND		1.0	0.35	ug/L			08/20/16 05:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/20/16 05:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/20/16 05:26	1
Cyclohexane	ND		1.0	0.18	ug/L			08/20/16 05:26	1
Dibromochloromethane	ND	F1 F2	1.0	0.32	ug/L			08/20/16 05:26	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/20/16 05:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/20/16 05:26	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/20/16 05:26	1
Methyl acetate	ND		2.5	1.3	ug/L			08/20/16 05:26	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/20/16 05:26	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/20/16 05:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/20/16 05:26	1
Styrene	ND		1.0	0.73	ug/L			08/20/16 05:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/20/16 05:26	1
Toluene	ND		1.0	0.51	ug/L			08/20/16 05:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/20/16 05:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/20/16 05:26	1
Trichloroethene	ND		1.0	0.46	ug/L			08/20/16 05:26	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/20/16 05:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/20/16 05:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/20/16 05:26	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

Client Sample ID: BCC Area E DMH-E31_0816

Lab Sample ID: 480-104757-1

Date Collected: 08/16/16 13:15

Matrix: Water

Date Received: 08/18/16 15:50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		08/20/16 05:26	1
4-Bromofluorobenzene (Surr)	105		73 - 120		08/20/16 05:26	1
Toluene-d8 (Surr)	95		80 - 120		08/20/16 05:26	1
Dibromofluoromethane (Surr)	110		75 - 123		08/20/16 05:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		23	2.2	ug/L		08/19/16 07:57	08/22/16 14:30	5
2,4,6-Trichlorophenol	ND		23	2.8	ug/L		08/19/16 07:57	08/22/16 14:30	5
2,4-Dichlorophenol	ND		23	2.4	ug/L		08/19/16 07:57	08/22/16 14:30	5
2,4-Dimethylphenol	ND		23	2.3	ug/L		08/19/16 07:57	08/22/16 14:30	5
2,4-Dinitrophenol	ND		47	10	ug/L		08/19/16 07:57	08/22/16 14:30	5
2,4-Dinitrotoluene	24		23	2.1	ug/L		08/19/16 07:57	08/22/16 14:30	5
2,6-Dinitrotoluene	75		23	1.9	ug/L		08/19/16 07:57	08/22/16 14:30	5
2-Chloronaphthalene	ND		23	2.1	ug/L		08/19/16 07:57	08/22/16 14:30	5
2-Chlorophenol	ND		23	2.5	ug/L		08/19/16 07:57	08/22/16 14:30	5
2-Methylnaphthalene	ND		23	2.8	ug/L		08/19/16 07:57	08/22/16 14:30	5
2-Methylphenol	ND		23	1.9	ug/L		08/19/16 07:57	08/22/16 14:30	5
2-Nitroaniline	ND		47	2.0	ug/L		08/19/16 07:57	08/22/16 14:30	5
2-Nitrophenol	ND	F2	23	2.2	ug/L		08/19/16 07:57	08/22/16 14:30	5
3,3'-Dichlorobenzidine	ND		23	1.9	ug/L		08/19/16 07:57	08/22/16 14:30	5
3-Nitroaniline	ND		47	2.2	ug/L		08/19/16 07:57	08/22/16 14:30	5
4,6-Dinitro-2-methylphenol	ND		47	10	ug/L		08/19/16 07:57	08/22/16 14:30	5
4-Bromophenyl phenyl ether	ND	F2	23	2.1	ug/L		08/19/16 07:57	08/22/16 14:30	5
4-Chloro-3-methylphenol	ND		23	2.1	ug/L		08/19/16 07:57	08/22/16 14:30	5
4-Chloroaniline	ND	F1	23	2.7	ug/L		08/19/16 07:57	08/22/16 14:30	5
4-Chlorophenyl phenyl ether	ND		23	1.6	ug/L		08/19/16 07:57	08/22/16 14:30	5
4-Methylphenol	ND		47	1.7	ug/L		08/19/16 07:57	08/22/16 14:30	5
4-Nitroaniline	ND		47	1.2	ug/L		08/19/16 07:57	08/22/16 14:30	5
4-Nitrophenol	ND		47	7.1	ug/L		08/19/16 07:57	08/22/16 14:30	5
Acenaphthene	ND		23	1.9	ug/L		08/19/16 07:57	08/22/16 14:30	5
Acenaphthylene	ND		23	1.8	ug/L		08/19/16 07:57	08/22/16 14:30	5
Acetophenone	ND		23	2.5	ug/L		08/19/16 07:57	08/22/16 14:30	5
Aniline	ND		47	2.8	ug/L		08/19/16 07:57	08/22/16 14:30	5
Anthracene	ND		23	1.3	ug/L		08/19/16 07:57	08/22/16 14:30	5
Atrazine	ND		23	2.1	ug/L		08/19/16 07:57	08/22/16 14:30	5
Benzaldehyde	ND		23	1.2	ug/L		08/19/16 07:57	08/22/16 14:30	5
Benzo(a)anthracene	ND		23	1.7	ug/L		08/19/16 07:57	08/22/16 14:30	5
Benzo(a)pyrene	ND	F1	23	2.2	ug/L		08/19/16 07:57	08/22/16 14:30	5
Benzo(b)fluoranthene	ND	F2	23	1.6	ug/L		08/19/16 07:57	08/22/16 14:30	5
Benzo(g,h,i)perylene	ND	F1	23	1.6	ug/L		08/19/16 07:57	08/22/16 14:30	5
Benzo(k)fluoranthene	ND		23	3.4	ug/L		08/19/16 07:57	08/22/16 14:30	5
Biphenyl	ND		23	3.0	ug/L		08/19/16 07:57	08/22/16 14:30	5
bis (2-chloroisopropyl) ether	ND		23	2.4	ug/L		08/19/16 07:57	08/22/16 14:30	5
Bis(2-chloroethoxy)methane	ND		23	1.6	ug/L		08/19/16 07:57	08/22/16 14:30	5
Bis(2-chloroethyl)ether	ND		23	1.9	ug/L		08/19/16 07:57	08/22/16 14:30	5
Bis(2-ethylhexyl) phthalate	ND	F1	23	10	ug/L		08/19/16 07:57	08/22/16 14:30	5
Butyl benzyl phthalate	ND		23	4.7	ug/L		08/19/16 07:57	08/22/16 14:30	5
Caprolactam	ND	F1	23	10	ug/L		08/19/16 07:57	08/22/16 14:30	5
Carbazole	ND		23	1.4	ug/L		08/19/16 07:57	08/22/16 14:30	5

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

Client Sample ID: BCC Area E DMH-E31_0816

Lab Sample ID: 480-104757-1

Date Collected: 08/16/16 13:15

Matrix: Water

Date Received: 08/18/16 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		23	1.5	ug/L		08/19/16 07:57	08/22/16 14:30	5
Dibenz(a,h)anthracene	ND	F1	23	2.0	ug/L		08/19/16 07:57	08/22/16 14:30	5
Dibenzofuran	ND		47	2.4	ug/L		08/19/16 07:57	08/22/16 14:30	5
Diethyl phthalate	ND		23	1.0	ug/L		08/19/16 07:57	08/22/16 14:30	5
Dimethyl phthalate	ND		23	1.7	ug/L		08/19/16 07:57	08/22/16 14:30	5
Di-n-butyl phthalate	ND		23	1.4	ug/L		08/19/16 07:57	08/22/16 14:30	5
Di-n-octyl phthalate	ND	F1	23	2.2	ug/L		08/19/16 07:57	08/22/16 14:30	5
Fluoranthene	ND		23	1.9	ug/L		08/19/16 07:57	08/22/16 14:30	5
Fluorene	ND		23	1.7	ug/L		08/19/16 07:57	08/22/16 14:30	5
Hexachlorobenzene	ND		23	2.4	ug/L		08/19/16 07:57	08/22/16 14:30	5
Hexachlorobutadiene	ND		23	3.2	ug/L		08/19/16 07:57	08/22/16 14:30	5
Hexachlorocyclopentadiene	ND		23	2.7	ug/L		08/19/16 07:57	08/22/16 14:30	5
Hexachloroethane	ND		23	2.7	ug/L		08/19/16 07:57	08/22/16 14:30	5
Indeno(1,2,3-cd)pyrene	ND	F1 F2	23	2.2	ug/L		08/19/16 07:57	08/22/16 14:30	5
Isophorone	ND		23	2.0	ug/L		08/19/16 07:57	08/22/16 14:30	5
Naphthalene	ND		23	3.5	ug/L		08/19/16 07:57	08/22/16 14:30	5
Nitrobenzene	ND		23	1.3	ug/L		08/19/16 07:57	08/22/16 14:30	5
N-Nitrosodi-n-propylamine	ND		23	2.5	ug/L		08/19/16 07:57	08/22/16 14:30	5
N-Nitrosodiphenylamine	ND		23	2.4	ug/L		08/19/16 07:57	08/22/16 14:30	5
Pentachlorophenol	ND		47	10	ug/L		08/19/16 07:57	08/22/16 14:30	5
Phenanthrene	ND		23	2.0	ug/L		08/19/16 07:57	08/22/16 14:30	5
Phenol	ND		23	1.8	ug/L		08/19/16 07:57	08/22/16 14:30	5
Pyrene	ND		23	1.6	ug/L		08/19/16 07:57	08/22/16 14:30	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	87		52 - 132	08/19/16 07:57	08/22/16 14:30	5
2-Fluorobiphenyl	63		48 - 120	08/19/16 07:57	08/22/16 14:30	5
2-Fluorophenol	40		20 - 120	08/19/16 07:57	08/22/16 14:30	5
Nitrobenzene-d5	56		46 - 120	08/19/16 07:57	08/22/16 14:30	5
Phenol-d5	31		16 - 120	08/19/16 07:57	08/22/16 14:30	5
p-Terphenyl-d14	84		67 - 150	08/19/16 07:57	08/22/16 14:30	5

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

Client Sample ID: BCC Area E DMH-E31 D_0816

Lab Sample ID: 480-104757-2

Date Collected: 08/16/16 13:15

Matrix: Water

Date Received: 08/18/16 15:50

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			08/20/16 05:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/20/16 05:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/20/16 05:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/20/16 05:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/20/16 05:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/20/16 05:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/20/16 05:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/20/16 05:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/20/16 05:50	1
1,2-Dichlorobenzene	6.3		1.0	0.79	ug/L			08/20/16 05:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/20/16 05:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/20/16 05:50	1
1,3-Dichlorobenzene	1.5		1.0	0.78	ug/L			08/20/16 05:50	1
1,4-Dichlorobenzene	4.3		1.0	0.84	ug/L			08/20/16 05:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/20/16 05:50	1
2-Hexanone	ND		5.0	1.2	ug/L			08/20/16 05:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/20/16 05:50	1
Acetone	ND		10	3.0	ug/L			08/20/16 05:50	1
Benzene	2.6		1.0	0.41	ug/L			08/20/16 05:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/20/16 05:50	1
Bromoform	ND		1.0	0.26	ug/L			08/20/16 05:50	1
Bromomethane	ND		1.0	0.69	ug/L			08/20/16 05:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/20/16 05:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/20/16 05:50	1
Chlorobenzene	20		1.0	0.75	ug/L			08/20/16 05:50	1
Chloroethane	ND		1.0	0.32	ug/L			08/20/16 05:50	1
Chloroform	ND		1.0	0.34	ug/L			08/20/16 05:50	1
Chloromethane	ND		1.0	0.35	ug/L			08/20/16 05:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/20/16 05:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/20/16 05:50	1
Cyclohexane	ND		1.0	0.18	ug/L			08/20/16 05:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/20/16 05:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/20/16 05:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/20/16 05:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/20/16 05:50	1
Methyl acetate	ND		2.5	1.3	ug/L			08/20/16 05:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/20/16 05:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/20/16 05:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/20/16 05:50	1
Styrene	ND		1.0	0.73	ug/L			08/20/16 05:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/20/16 05:50	1
Toluene	ND		1.0	0.51	ug/L			08/20/16 05:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/20/16 05:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/20/16 05:50	1
Trichloroethene	ND		1.0	0.46	ug/L			08/20/16 05:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/20/16 05:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/20/16 05:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/20/16 05:50	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

Client Sample ID: BCC Area E DMH-E31 D_0816

Lab Sample ID: 480-104757-2

Date Collected: 08/16/16 13:15

Matrix: Water

Date Received: 08/18/16 15:50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		08/20/16 05:50	1
4-Bromofluorobenzene (Surr)	104		73 - 120		08/20/16 05:50	1
Toluene-d8 (Surr)	93		80 - 120		08/20/16 05:50	1
Dibromofluoromethane (Surr)	111		75 - 123		08/20/16 05:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		23	2.2	ug/L		08/19/16 07:57	08/22/16 14:58	5
2,4,6-Trichlorophenol	ND		23	2.8	ug/L		08/19/16 07:57	08/22/16 14:58	5
2,4-Dichlorophenol	ND		23	2.4	ug/L		08/19/16 07:57	08/22/16 14:58	5
2,4-Dimethylphenol	ND		23	2.3	ug/L		08/19/16 07:57	08/22/16 14:58	5
2,4-Dinitrophenol	ND		46	10	ug/L		08/19/16 07:57	08/22/16 14:58	5
2,4-Dinitrotoluene	24		23	2.1	ug/L		08/19/16 07:57	08/22/16 14:58	5
2,6-Dinitrotoluene	77		23	1.9	ug/L		08/19/16 07:57	08/22/16 14:58	5
2-Chloronaphthalene	ND		23	2.1	ug/L		08/19/16 07:57	08/22/16 14:58	5
2-Chlorophenol	ND		23	2.5	ug/L		08/19/16 07:57	08/22/16 14:58	5
2-Methylnaphthalene	ND		23	2.8	ug/L		08/19/16 07:57	08/22/16 14:58	5
2-Methylphenol	ND		23	1.9	ug/L		08/19/16 07:57	08/22/16 14:58	5
2-Nitroaniline	ND		46	1.9	ug/L		08/19/16 07:57	08/22/16 14:58	5
2-Nitrophenol	ND		23	2.2	ug/L		08/19/16 07:57	08/22/16 14:58	5
3,3'-Dichlorobenzidine	ND		23	1.9	ug/L		08/19/16 07:57	08/22/16 14:58	5
3-Nitroaniline	ND		46	2.2	ug/L		08/19/16 07:57	08/22/16 14:58	5
4,6-Dinitro-2-methylphenol	ND		46	10	ug/L		08/19/16 07:57	08/22/16 14:58	5
4-Bromophenyl phenyl ether	ND		23	2.1	ug/L		08/19/16 07:57	08/22/16 14:58	5
4-Chloro-3-methylphenol	ND		23	2.1	ug/L		08/19/16 07:57	08/22/16 14:58	5
4-Chloroaniline	ND		23	2.7	ug/L		08/19/16 07:57	08/22/16 14:58	5
4-Chlorophenyl phenyl ether	ND		23	1.6	ug/L		08/19/16 07:57	08/22/16 14:58	5
4-Methylphenol	ND		46	1.7	ug/L		08/19/16 07:57	08/22/16 14:58	5
4-Nitroaniline	ND		46	1.2	ug/L		08/19/16 07:57	08/22/16 14:58	5
4-Nitrophenol	ND		46	7.1	ug/L		08/19/16 07:57	08/22/16 14:58	5
Acenaphthene	ND		23	1.9	ug/L		08/19/16 07:57	08/22/16 14:58	5
Acenaphthylene	ND		23	1.8	ug/L		08/19/16 07:57	08/22/16 14:58	5
Acetophenone	ND		23	2.5	ug/L		08/19/16 07:57	08/22/16 14:58	5
Aniline	ND		46	2.8	ug/L		08/19/16 07:57	08/22/16 14:58	5
Anthracene	ND		23	1.3	ug/L		08/19/16 07:57	08/22/16 14:58	5
Atrazine	ND		23	2.1	ug/L		08/19/16 07:57	08/22/16 14:58	5
Benzaldehyde	ND		23	1.2	ug/L		08/19/16 07:57	08/22/16 14:58	5
Benzo(a)anthracene	ND		23	1.7	ug/L		08/19/16 07:57	08/22/16 14:58	5
Benzo(a)pyrene	ND		23	2.2	ug/L		08/19/16 07:57	08/22/16 14:58	5
Benzo(b)fluoranthene	ND		23	1.6	ug/L		08/19/16 07:57	08/22/16 14:58	5
Benzo(g,h,i)perylene	ND		23	1.6	ug/L		08/19/16 07:57	08/22/16 14:58	5
Benzo(k)fluoranthene	ND		23	3.4	ug/L		08/19/16 07:57	08/22/16 14:58	5
Biphenyl	ND		23	3.0	ug/L		08/19/16 07:57	08/22/16 14:58	5
bis (2-chloroisopropyl) ether	ND		23	2.4	ug/L		08/19/16 07:57	08/22/16 14:58	5
Bis(2-chloroethoxy)methane	ND		23	1.6	ug/L		08/19/16 07:57	08/22/16 14:58	5
Bis(2-chloroethyl)ether	ND		23	1.9	ug/L		08/19/16 07:57	08/22/16 14:58	5
Bis(2-ethylhexyl) phthalate	ND		23	10	ug/L		08/19/16 07:57	08/22/16 14:58	5
Butyl benzyl phthalate	ND		23	4.6	ug/L		08/19/16 07:57	08/22/16 14:58	5
Caprolactam	ND		23	10	ug/L		08/19/16 07:57	08/22/16 14:58	5
Carbazole	ND		23	1.4	ug/L		08/19/16 07:57	08/22/16 14:58	5

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

Client Sample ID: BCC Area E DMH-E31 D_0816

Lab Sample ID: 480-104757-2

Date Collected: 08/16/16 13:15

Matrix: Water

Date Received: 08/18/16 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		23	1.5	ug/L		08/19/16 07:57	08/22/16 14:58	5
Dibenz(a,h)anthracene	ND		23	1.9	ug/L		08/19/16 07:57	08/22/16 14:58	5
Dibenzofuran	ND		46	2.4	ug/L		08/19/16 07:57	08/22/16 14:58	5
Diethyl phthalate	ND		23	1.0	ug/L		08/19/16 07:57	08/22/16 14:58	5
Dimethyl phthalate	ND		23	1.7	ug/L		08/19/16 07:57	08/22/16 14:58	5
Di-n-butyl phthalate	ND		23	1.4	ug/L		08/19/16 07:57	08/22/16 14:58	5
Di-n-octyl phthalate	ND		23	2.2	ug/L		08/19/16 07:57	08/22/16 14:58	5
Fluoranthene	ND		23	1.9	ug/L		08/19/16 07:57	08/22/16 14:58	5
Fluorene	ND		23	1.7	ug/L		08/19/16 07:57	08/22/16 14:58	5
Hexachlorobenzene	ND		23	2.4	ug/L		08/19/16 07:57	08/22/16 14:58	5
Hexachlorobutadiene	ND		23	3.2	ug/L		08/19/16 07:57	08/22/16 14:58	5
Hexachlorocyclopentadiene	ND		23	2.7	ug/L		08/19/16 07:57	08/22/16 14:58	5
Hexachloroethane	ND		23	2.7	ug/L		08/19/16 07:57	08/22/16 14:58	5
Indeno(1,2,3-cd)pyrene	ND		23	2.2	ug/L		08/19/16 07:57	08/22/16 14:58	5
Isophorone	ND		23	2.0	ug/L		08/19/16 07:57	08/22/16 14:58	5
Naphthalene	ND		23	3.5	ug/L		08/19/16 07:57	08/22/16 14:58	5
Nitrobenzene	ND		23	1.3	ug/L		08/19/16 07:57	08/22/16 14:58	5
N-Nitrosodi-n-propylamine	ND		23	2.5	ug/L		08/19/16 07:57	08/22/16 14:58	5
N-Nitrosodiphenylamine	ND		23	2.4	ug/L		08/19/16 07:57	08/22/16 14:58	5
Pentachlorophenol	ND		46	10	ug/L		08/19/16 07:57	08/22/16 14:58	5
Phenanthrene	ND		23	2.0	ug/L		08/19/16 07:57	08/22/16 14:58	5
Phenol	ND		23	1.8	ug/L		08/19/16 07:57	08/22/16 14:58	5
Pyrene	ND		23	1.6	ug/L		08/19/16 07:57	08/22/16 14:58	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	84		52 - 132	08/19/16 07:57	08/22/16 14:58	5
2-Fluorobiphenyl	66		48 - 120	08/19/16 07:57	08/22/16 14:58	5
2-Fluorophenol	43		20 - 120	08/19/16 07:57	08/22/16 14:58	5
Nitrobenzene-d5	61		46 - 120	08/19/16 07:57	08/22/16 14:58	5
Phenol-d5	33		16 - 120	08/19/16 07:57	08/22/16 14:58	5
p-Terphenyl-d14	84		67 - 150	08/19/16 07:57	08/22/16 14:58	5

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-104757-3

Date Collected: 08/16/16 00:00

Matrix: Water

Date Received: 08/18/16 15:50

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			08/20/16 07:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/20/16 07:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/20/16 07:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/20/16 07:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/20/16 07:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/20/16 07:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/20/16 07:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/20/16 07:02	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/20/16 07:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/20/16 07:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/20/16 07:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/20/16 07:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/20/16 07:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/20/16 07:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/20/16 07:02	1
2-Hexanone	ND		5.0	1.2	ug/L			08/20/16 07:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/20/16 07:02	1
Acetone	ND		10	3.0	ug/L			08/20/16 07:02	1
Benzene	ND		1.0	0.41	ug/L			08/20/16 07:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/20/16 07:02	1
Bromoform	ND		1.0	0.26	ug/L			08/20/16 07:02	1
Bromomethane	ND		1.0	0.69	ug/L			08/20/16 07:02	1
Carbon disulfide	0.96	J	1.0	0.19	ug/L			08/20/16 07:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/20/16 07:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/20/16 07:02	1
Chloroethane	ND		1.0	0.32	ug/L			08/20/16 07:02	1
Chloroform	ND		1.0	0.34	ug/L			08/20/16 07:02	1
Chloromethane	ND		1.0	0.35	ug/L			08/20/16 07:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/20/16 07:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/20/16 07:02	1
Cyclohexane	ND		1.0	0.18	ug/L			08/20/16 07:02	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/20/16 07:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/20/16 07:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/20/16 07:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/20/16 07:02	1
Methyl acetate	ND		2.5	1.3	ug/L			08/20/16 07:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/20/16 07:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/20/16 07:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/20/16 07:02	1
Styrene	ND		1.0	0.73	ug/L			08/20/16 07:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/20/16 07:02	1
Toluene	ND		1.0	0.51	ug/L			08/20/16 07:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/20/16 07:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/20/16 07:02	1
Trichloroethene	ND		1.0	0.46	ug/L			08/20/16 07:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/20/16 07:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/20/16 07:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/20/16 07:02	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-104757-3

Date Collected: 08/16/16 00:00

Matrix: Water

Date Received: 08/18/16 15:50

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	111		77 - 120		08/20/16 07:02	1
4-Bromofluorobenzene (Surr)	103		73 - 120		08/20/16 07:02	1
Toluene-d8 (Surr)	93		80 - 120		08/20/16 07:02	1
Dibromofluoromethane (Surr)	114		75 - 123		08/20/16 07:02	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-104757-1	BCC Area E DMH-E31_0816	108	105	95	110
480-104757-1 MS	BCC Area E DMH-E31 MS_0816	102	106	93	115
480-104757-1 MSD	BCC Area E DMH-E31 MSD_0816	107	112	98	113
480-104757-2	BCC Area E DMH-E31 D_0816	107	104	93	111
480-104757-3	TRIP BLANK	111	103	93	114
LCS 480-316901/10	Lab Control Sample	108	108	95	114
LCSD 480-316901/9	Lab Control Sample Dup	116	105	93	120
MB 480-316901/8	Method Blank	109	102	95	110

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: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-104757-1	BCC Area E DMH-E31_0816	87	63	40	56	31	84
480-104757-1 MS	BCC Area E DMH-E31 MS_0816	101	82	57	75	44	78
480-104757-1 MSD	BCC Area E DMH-E31 MSD_0816	85	71	45	62	37	68
480-104757-2	BCC Area E DMH-E31 D_0816	84	66	43	61	33	84
LCS 480-316800/2-A	Lab Control Sample	99	86	64	77	49	97
MB 480-316800/1-A	Method Blank	91	82	64	82	46	98

Surrogate Legend

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

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

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

Lab Sample ID: MB 480-316901/8

Matrix: Water

Analysis Batch: 316901

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			08/20/16 00:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/20/16 00:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/20/16 00:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/20/16 00:23	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/20/16 00:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/20/16 00:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/20/16 00:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/20/16 00:23	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/20/16 00:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/20/16 00:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/20/16 00:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/20/16 00:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/20/16 00:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/20/16 00:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/20/16 00:23	1
2-Hexanone	ND		5.0	1.2	ug/L			08/20/16 00:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/20/16 00:23	1
Acetone	ND		10	3.0	ug/L			08/20/16 00:23	1
Benzene	ND		1.0	0.41	ug/L			08/20/16 00:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/20/16 00:23	1
Bromoform	ND		1.0	0.26	ug/L			08/20/16 00:23	1
Bromomethane	ND		1.0	0.69	ug/L			08/20/16 00:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/20/16 00:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/20/16 00:23	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/20/16 00:23	1
Chloroethane	ND		1.0	0.32	ug/L			08/20/16 00:23	1
Chloroform	ND		1.0	0.34	ug/L			08/20/16 00:23	1
Chloromethane	ND		1.0	0.35	ug/L			08/20/16 00:23	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/20/16 00:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/20/16 00:23	1
Cyclohexane	ND		1.0	0.18	ug/L			08/20/16 00:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/20/16 00:23	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/20/16 00:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/20/16 00:23	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/20/16 00:23	1
Methyl acetate	ND		2.5	1.3	ug/L			08/20/16 00:23	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/20/16 00:23	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/20/16 00:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/20/16 00:23	1
Styrene	ND		1.0	0.73	ug/L			08/20/16 00:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/20/16 00:23	1
Toluene	ND		1.0	0.51	ug/L			08/20/16 00:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/20/16 00:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/20/16 00:23	1
Trichloroethene	ND		1.0	0.46	ug/L			08/20/16 00:23	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/20/16 00:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/20/16 00:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/20/16 00:23	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

<i>Surrogate</i>	<i>MB %Recovery</i>	<i>MB Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		08/20/16 00:23	1
4-Bromofluorobenzene (Surr)	102		73 - 120		08/20/16 00:23	1
Toluene-d8 (Surr)	95		80 - 120		08/20/16 00:23	1
Dibromofluoromethane (Surr)	110		75 - 123		08/20/16 00:23	1

Lab Sample ID: LCS 480-316901/10

Matrix: Water

Analysis Batch: 316901

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

<i>Analyte</i>	<i>Spike Added</i>	<i>LCS Result</i>	<i>LCS Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec. Limits</i>
1,1,1-Trichloroethane	25.0	29.3		ug/L		117	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.4		ug/L		89	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.7		ug/L		107	61 - 148
1,1,2-Trichloroethane	25.0	23.1		ug/L		92	76 - 122
1,1-Dichloroethane	25.0	27.9		ug/L		111	77 - 120
1,1-Dichloroethene	25.0	26.5		ug/L		106	66 - 127
1,2,4-Trichlorobenzene	25.0	26.4		ug/L		105	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	27.5		ug/L		110	56 - 134
1,2-Dibromoethane	25.0	25.1		ug/L		100	77 - 120
1,2-Dichlorobenzene	25.0	24.8		ug/L		99	80 - 124
1,2-Dichloroethane	25.0	27.1		ug/L		108	75 - 120
1,2-Dichloropropane	25.0	26.4		ug/L		106	76 - 120
1,3-Dichlorobenzene	25.0	26.0		ug/L		104	77 - 120
1,4-Dichlorobenzene	25.0	25.2		ug/L		101	80 - 120
2-Butanone (MEK)	125	125		ug/L		100	57 - 140
2-Hexanone	125	117		ug/L		94	65 - 127
4-Methyl-2-pentanone (MIBK)	125	113		ug/L		90	71 - 125
Acetone	125	160		ug/L		128	56 - 142
Benzene	25.0	25.7		ug/L		103	71 - 124
Bromodichloromethane	25.0	29.0		ug/L		116	80 - 122
Bromoform	25.0	29.7		ug/L		119	61 - 132
Bromomethane	25.0	24.1		ug/L		96	55 - 144
Carbon disulfide	25.0	25.0		ug/L		100	59 - 134
Carbon tetrachloride	25.0	32.5		ug/L		130	72 - 134
Chlorobenzene	25.0	24.3		ug/L		97	80 - 120
Chloroethane	25.0	23.4		ug/L		94	69 - 136
Chloroform	25.0	26.5		ug/L		106	73 - 127
Chloromethane	25.0	22.4		ug/L		89	68 - 124
cis-1,2-Dichloroethene	25.0	27.8		ug/L		111	74 - 124
cis-1,3-Dichloropropene	25.0	27.6		ug/L		110	74 - 124
Cyclohexane	25.0	27.1		ug/L		108	59 - 135
Dibromochloromethane	25.0	27.9		ug/L		112	75 - 125
Dichlorodifluoromethane	25.0	26.9		ug/L		108	59 - 135
Ethylbenzene	25.0	23.9		ug/L		96	77 - 123
Isopropylbenzene	25.0	24.5		ug/L		98	77 - 122
Methyl acetate	125	131		ug/L		105	74 - 133
Methyl tert-butyl ether	25.0	26.0		ug/L		104	77 - 120
Methylcyclohexane	25.0	26.9		ug/L		108	68 - 134
Methylene Chloride	25.0	26.8		ug/L		107	75 - 124
Styrene	25.0	24.2		ug/L		97	80 - 120
Tetrachloroethene	25.0	25.2		ug/L		101	74 - 122
Toluene	25.0	22.9		ug/L		92	80 - 122
trans-1,2-Dichloroethene	25.0	27.2		ug/L		109	73 - 127

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

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

Lab Sample ID: LCS 480-316901/10

Matrix: Water

Analysis Batch: 316901

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	24.6		ug/L		98	80 - 120
Trichloroethene	25.0	28.5		ug/L		114	74 - 123
Trichlorofluoromethane	25.0	27.6		ug/L		110	62 - 150
Vinyl chloride	25.0	24.4		ug/L		97	65 - 133
Xylenes, Total	50.0	48.2		ug/L		96	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		77 - 120
4-Bromofluorobenzene (Surr)	108		73 - 120
Toluene-d8 (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	114		75 - 123

Lab Sample ID: LCSD 480-316901/9

Matrix: Water

Analysis Batch: 316901

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	28.1		ug/L		113	73 - 126	4	15
1,1,2,2-Tetrachloroethane	25.0	22.3		ug/L		89	76 - 120	0	15
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.1		ug/L		109	61 - 148	2	20
1,1,2-Trichloroethane	25.0	22.4		ug/L		90	76 - 122	3	15
1,1-Dichloroethane	25.0	27.4		ug/L		110	77 - 120	2	20
1,1-Dichloroethene	25.0	25.7		ug/L		103	66 - 127	3	16
1,2,4-Trichlorobenzene	25.0	24.6		ug/L		99	79 - 122	7	20
1,2-Dibromo-3-Chloropropane	25.0	26.3		ug/L		105	56 - 134	4	15
1,2-Dibromoethane	25.0	24.0		ug/L		96	77 - 120	4	15
1,2-Dichlorobenzene	25.0	23.7		ug/L		95	80 - 124	4	20
1,2-Dichloroethane	25.0	27.3		ug/L		109	75 - 120	1	20
1,2-Dichloropropane	25.0	26.2		ug/L		105	76 - 120	1	20
1,3-Dichlorobenzene	25.0	23.9		ug/L		96	77 - 120	8	20
1,4-Dichlorobenzene	25.0	23.4		ug/L		94	80 - 120	8	20
2-Butanone (MEK)	125	129		ug/L		103	57 - 140	3	20
2-Hexanone	125	109		ug/L		88	65 - 127	7	15
4-Methyl-2-pentanone (MIBK)	125	112		ug/L		89	71 - 125	1	35
Acetone	125	160		ug/L		128	56 - 142	0	15
Benzene	25.0	25.6		ug/L		103	71 - 124	0	13
Bromodichloromethane	25.0	28.7		ug/L		115	80 - 122	1	15
Bromoform	25.0	29.0		ug/L		116	61 - 132	3	15
Bromomethane	25.0	24.0		ug/L		96	55 - 144	1	15
Carbon disulfide	25.0	24.3		ug/L		97	59 - 134	3	15
Carbon tetrachloride	25.0	32.2		ug/L		129	72 - 134	1	15
Chlorobenzene	25.0	23.2		ug/L		93	80 - 120	5	25
Chloroethane	25.0	22.7		ug/L		91	69 - 136	3	15
Chloroform	25.0	25.9		ug/L		104	73 - 127	2	20
Chloromethane	25.0	22.5		ug/L		90	68 - 124	1	15
cis-1,2-Dichloroethene	25.0	27.9		ug/L		112	74 - 124	0	15
cis-1,3-Dichloropropene	25.0	26.7		ug/L		107	74 - 124	4	15

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

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

Lab Sample ID: LCSD 480-316901/9

Matrix: Water

Analysis Batch: 316901

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	26.0		ug/L		104	59 - 135	4	20
Dibromochloromethane	25.0	27.0		ug/L		108	75 - 125	3	15
Dichlorodifluoromethane	25.0	25.9		ug/L		104	59 - 135	4	20
Ethylbenzene	25.0	22.7		ug/L		91	77 - 123	5	15
Isopropylbenzene	25.0	22.7		ug/L		91	77 - 122	8	20
Methyl acetate	125	130		ug/L		104	74 - 133	1	20
Methyl tert-butyl ether	25.0	26.1		ug/L		104	77 - 120	0	37
Methylcyclohexane	25.0	26.5		ug/L		106	68 - 134	1	20
Methylene Chloride	25.0	25.5		ug/L		102	75 - 124	5	15
Styrene	25.0	22.4		ug/L		89	80 - 120	8	20
Tetrachloroethene	25.0	23.0		ug/L		92	74 - 122	9	20
Toluene	25.0	22.6		ug/L		90	80 - 122	1	15
trans-1,2-Dichloroethene	25.0	26.5		ug/L		106	73 - 127	3	20
trans-1,3-Dichloropropene	25.0	23.2		ug/L		93	80 - 120	6	15
Trichloroethene	25.0	27.3		ug/L		109	74 - 123	5	16
Trichlorofluoromethane	25.0	27.3		ug/L		109	62 - 150	1	20
Vinyl chloride	25.0	23.4		ug/L		94	65 - 133	4	15
Xylenes, Total	50.0	45.3		ug/L		91	76 - 122	6	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	116		77 - 120
4-Bromofluorobenzene (Surr)	105		73 - 120
Toluene-d8 (Surr)	93		80 - 120
Dibromofluoromethane (Surr)	120		75 - 123

Lab Sample ID: 480-104757-1 MS

Matrix: Water

Analysis Batch: 316901

Client Sample ID: BCC Area E DMH-E31 MS_0816

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	F1	25.0	31.4		ug/L		125	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	24.0		ug/L		96	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	26.5		ug/L		106	61 - 148
1,1,2-Trichloroethane	ND	F2	25.0	23.6		ug/L		95	76 - 122
1,1-Dichloroethane	ND		25.0	27.7		ug/L		111	77 - 120
1,1-Dichloroethene	ND		25.0	27.0		ug/L		108	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	27.7		ug/L		111	79 - 122
1,2-Dibromo-3-Chloropropane	ND	F2	25.0	30.6		ug/L		123	56 - 134
1,2-Dibromoethane	ND		25.0	26.0		ug/L		104	77 - 120
1,2-Dichlorobenzene	6.0		25.0	32.2		ug/L		105	80 - 124
1,2-Dichloroethane	ND		25.0	27.2		ug/L		109	75 - 120
1,2-Dichloropropane	ND		25.0	27.0		ug/L		108	76 - 120
1,3-Dichlorobenzene	1.5		25.0	28.9		ug/L		110	77 - 120
1,4-Dichlorobenzene	4.0		25.0	31.0		ug/L		108	78 - 124
2-Butanone (MEK)	ND		125	129		ug/L		104	57 - 140
2-Hexanone	ND		125	112		ug/L		90	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	115		ug/L		92	71 - 125

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-104757-1 MS

Matrix: Water

Analysis Batch: 316901

Client Sample ID: BCC Area E DMH-E31 MS_0816

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	4.0	J	125	130		ug/L		101	56 - 142
Benzene	2.7		25.0	30.4		ug/L		111	71 - 124
Bromodichloromethane	ND	F1	25.0	29.8		ug/L		119	80 - 122
Bromoform	ND	F1	25.0	30.2		ug/L		121	61 - 132
Bromomethane	ND		25.0	28.1		ug/L		113	55 - 144
Carbon disulfide	ND		25.0	25.9		ug/L		103	59 - 134
Carbon tetrachloride	ND	F1	25.0	35.3	F1	ug/L		141	72 - 134
Chlorobenzene	20		25.0	45.9		ug/L		103	80 - 120
Chloroethane	ND		25.0	26.2		ug/L		105	69 - 136
Chloroform	ND		25.0	27.5		ug/L		110	73 - 127
Chloromethane	ND		25.0	24.6		ug/L		98	68 - 124
cis-1,2-Dichloroethene	ND		25.0	29.8		ug/L		119	74 - 124
cis-1,3-Dichloropropene	ND		25.0	26.2		ug/L		105	74 - 124
Cyclohexane	ND		25.0	26.4		ug/L		106	59 - 135
Dibromochloromethane	ND	F1 F2	25.0	28.7		ug/L		115	75 - 125
Dichlorodifluoromethane	ND		25.0	26.6		ug/L		107	59 - 135
Ethylbenzene	ND		25.0	25.8		ug/L		103	77 - 123
Isopropylbenzene	ND		25.0	26.6		ug/L		106	77 - 122
Methyl acetate	ND		125	128		ug/L		102	74 - 133
Methyl tert-butyl ether	ND		25.0	26.0		ug/L		104	77 - 120
Methylcyclohexane	ND		25.0	26.7		ug/L		107	68 - 134
Methylene Chloride	ND		25.0	25.6		ug/L		102	75 - 124
Styrene	ND		25.0	25.5		ug/L		102	80 - 120
Tetrachloroethene	ND		25.0	26.7		ug/L		107	74 - 122
Toluene	ND		25.0	25.1		ug/L		100	80 - 122
trans-1,2-Dichloroethene	ND		25.0	28.4		ug/L		114	73 - 127
trans-1,3-Dichloropropene	ND		25.0	24.4		ug/L		98	80 - 120
Trichloroethene	ND		25.0	28.9		ug/L		116	74 - 123
Trichlorofluoromethane	ND		25.0	28.3		ug/L		113	62 - 150
Vinyl chloride	ND		25.0	27.3		ug/L		109	65 - 133
Xylenes, Total	ND		50.0	52.6		ug/L		105	76 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		77 - 120
4-Bromofluorobenzene (Surr)	106		73 - 120
Toluene-d8 (Surr)	93		80 - 120
Dibromofluoromethane (Surr)	115		75 - 123

Lab Sample ID: 480-104757-1 MSD

Matrix: Water

Analysis Batch: 316901

Client Sample ID: BCC Area E DMH-E31 MSD_0816

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	F1	25.0	33.7	F1	ug/L		135	73 - 126	7	15
1,1,2,2-Tetrachloroethane	ND		25.0	23.8		ug/L		95	76 - 120	1	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	29.3		ug/L		117	61 - 148	10	20
1,1,2-Trichloroethane	ND	F2	25.0	27.7	F2	ug/L		111	76 - 122	16	15

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-104757-1 MSD

Matrix: Water

Analysis Batch: 316901

Client Sample ID: BCC Area E DMH-E31 MSD_0816

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-Dichloroethane	ND		25.0	29.3		ug/L		117	77 - 120	6	20
1,1-Dichloroethene	ND		25.0	29.5		ug/L		118	66 - 127	9	16
1,2,4-Trichlorobenzene	ND		25.0	27.8		ug/L		111	79 - 122	0	20
1,2-Dibromo-3-Chloropropane	ND	F2	25.0	26.2	F2	ug/L		105	56 - 134	16	15
1,2-Dibromoethane	ND		25.0	28.1		ug/L		113	77 - 120	8	15
1,2-Dichlorobenzene	6.0		25.0	32.5		ug/L		106	80 - 124	1	20
1,2-Dichloroethane	ND		25.0	29.3		ug/L		117	75 - 120	8	20
1,2-Dichloropropane	ND		25.0	28.6		ug/L		114	76 - 120	6	20
1,3-Dichlorobenzene	1.5		25.0	29.0		ug/L		110	77 - 120	0	20
1,4-Dichlorobenzene	4.0		25.0	29.6		ug/L		102	78 - 124	4	20
2-Butanone (MEK)	ND		125	134		ug/L		107	57 - 140	3	20
2-Hexanone	ND		125	124		ug/L		99	65 - 127	10	15
4-Methyl-2-pentanone (MIBK)	ND		125	127		ug/L		102	71 - 125	10	35
Acetone	4.0	J	125	139		ug/L		108	56 - 142	7	15
Benzene	2.7		25.0	31.3		ug/L		114	71 - 124	3	13
Bromodichloromethane	ND	F1	25.0	32.0	F1	ug/L		128	80 - 122	7	15
Bromoform	ND	F1	25.0	33.9	F1	ug/L		136	61 - 132	12	15
Bromomethane	ND		25.0	28.6		ug/L		114	55 - 144	2	15
Carbon disulfide	ND		25.0	26.5		ug/L		106	59 - 134	3	15
Carbon tetrachloride	ND	F1	25.0	35.9	F1	ug/L		143	72 - 134	2	15
Chlorobenzene	20		25.0	49.6		ug/L		118	80 - 120	8	25
Chloroethane	ND		25.0	27.9		ug/L		111	69 - 136	6	15
Chloroform	ND		25.0	29.5		ug/L		118	73 - 127	7	20
Chloromethane	ND		25.0	26.3		ug/L		105	68 - 124	7	15
cis-1,2-Dichloroethene	ND		25.0	30.0		ug/L		120	74 - 124	1	15
cis-1,3-Dichloropropene	ND		25.0	28.0		ug/L		112	74 - 124	6	15
Cyclohexane	ND		25.0	27.8		ug/L		111	59 - 135	5	20
Dibromochloromethane	ND	F1 F2	25.0	33.7	F1 F2	ug/L		135	75 - 125	16	15
Dichlorodifluoromethane	ND		25.0	27.8		ug/L		111	59 - 135	4	20
Ethylbenzene	ND		25.0	28.7		ug/L		115	77 - 123	11	15
Isopropylbenzene	ND		25.0	26.1		ug/L		104	77 - 122	2	20
Methyl acetate	ND		125	132		ug/L		105	74 - 133	3	20
Methyl tert-butyl ether	ND		25.0	27.9		ug/L		111	77 - 120	7	37
Methylcyclohexane	ND		25.0	28.4		ug/L		114	68 - 134	6	20
Methylene Chloride	ND		25.0	27.4		ug/L		109	75 - 124	7	15
Styrene	ND		25.0	27.5		ug/L		110	80 - 120	7	20
Tetrachloroethene	ND		25.0	29.6		ug/L		118	74 - 122	10	20
Toluene	ND		25.0	27.2		ug/L		109	80 - 122	8	15
trans-1,2-Dichloroethene	ND		25.0	30.5		ug/L		122	73 - 127	7	20
trans-1,3-Dichloropropene	ND		25.0	27.3		ug/L		109	80 - 120	11	15
Trichloroethene	ND		25.0	30.7		ug/L		123	74 - 123	6	16
Trichlorofluoromethane	ND		25.0	30.0		ug/L		120	62 - 150	6	20
Vinyl chloride	ND		25.0	28.1		ug/L		112	65 - 133	3	15
Xylenes, Total	ND		50.0	56.4		ug/L		113	76 - 122	7	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		77 - 120
4-Bromofluorobenzene (Surr)	112		73 - 120

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-104757-1 MSD

Matrix: Water

Analysis Batch: 316901

Client Sample ID: BCC Area E DMH-E31 MSD_0816

Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Toluene-d8 (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	113		75 - 123

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-316800/1-A

Matrix: Water

Analysis Batch: 317048

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 316800

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/19/16 07:57	08/22/16 10:39	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/19/16 07:57	08/22/16 10:39	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/19/16 07:57	08/22/16 10:39	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/19/16 07:57	08/22/16 10:39	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/19/16 07:57	08/22/16 10:39	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/19/16 07:57	08/22/16 10:39	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/19/16 07:57	08/22/16 10:39	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/19/16 07:57	08/22/16 10:39	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/19/16 07:57	08/22/16 10:39	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/19/16 07:57	08/22/16 10:39	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/19/16 07:57	08/22/16 10:39	1
2-Nitroaniline	ND		10	0.42	ug/L		08/19/16 07:57	08/22/16 10:39	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/19/16 07:57	08/22/16 10:39	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/19/16 07:57	08/22/16 10:39	1
3-Nitroaniline	ND		10	0.48	ug/L		08/19/16 07:57	08/22/16 10:39	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/19/16 07:57	08/22/16 10:39	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/19/16 07:57	08/22/16 10:39	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/19/16 07:57	08/22/16 10:39	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/19/16 07:57	08/22/16 10:39	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/19/16 07:57	08/22/16 10:39	1
4-Methylphenol	ND		10	0.36	ug/L		08/19/16 07:57	08/22/16 10:39	1
4-Nitroaniline	ND		10	0.25	ug/L		08/19/16 07:57	08/22/16 10:39	1
4-Nitrophenol	ND		10	1.5	ug/L		08/19/16 07:57	08/22/16 10:39	1
Acenaphthene	ND		5.0	0.41	ug/L		08/19/16 07:57	08/22/16 10:39	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/19/16 07:57	08/22/16 10:39	1
Acetophenone	ND		5.0	0.54	ug/L		08/19/16 07:57	08/22/16 10:39	1
Aniline	ND		10	0.61	ug/L		08/19/16 07:57	08/22/16 10:39	1
Anthracene	ND		5.0	0.28	ug/L		08/19/16 07:57	08/22/16 10:39	1
Atrazine	ND		5.0	0.46	ug/L		08/19/16 07:57	08/22/16 10:39	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/19/16 07:57	08/22/16 10:39	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/19/16 07:57	08/22/16 10:39	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/19/16 07:57	08/22/16 10:39	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/19/16 07:57	08/22/16 10:39	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/19/16 07:57	08/22/16 10:39	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/19/16 07:57	08/22/16 10:39	1
Biphenyl	ND		5.0	0.65	ug/L		08/19/16 07:57	08/22/16 10:39	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/19/16 07:57	08/22/16 10:39	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/19/16 07:57	08/22/16 10:39	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-316800/1-A

Matrix: Water

Analysis Batch: 317048

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 316800

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/19/16 07:57	08/22/16 10:39	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/19/16 07:57	08/22/16 10:39	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/19/16 07:57	08/22/16 10:39	1
Caprolactam	ND		5.0	2.2	ug/L		08/19/16 07:57	08/22/16 10:39	1
Carbazole	ND		5.0	0.30	ug/L		08/19/16 07:57	08/22/16 10:39	1
Chrysene	ND		5.0	0.33	ug/L		08/19/16 07:57	08/22/16 10:39	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/19/16 07:57	08/22/16 10:39	1
Dibenzofuran	ND		10	0.51	ug/L		08/19/16 07:57	08/22/16 10:39	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/19/16 07:57	08/22/16 10:39	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/19/16 07:57	08/22/16 10:39	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/19/16 07:57	08/22/16 10:39	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/19/16 07:57	08/22/16 10:39	1
Fluoranthene	ND		5.0	0.40	ug/L		08/19/16 07:57	08/22/16 10:39	1
Fluorene	ND		5.0	0.36	ug/L		08/19/16 07:57	08/22/16 10:39	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/19/16 07:57	08/22/16 10:39	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/19/16 07:57	08/22/16 10:39	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/19/16 07:57	08/22/16 10:39	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/19/16 07:57	08/22/16 10:39	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/19/16 07:57	08/22/16 10:39	1
Isophorone	ND		5.0	0.43	ug/L		08/19/16 07:57	08/22/16 10:39	1
Naphthalene	ND		5.0	0.76	ug/L		08/19/16 07:57	08/22/16 10:39	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/19/16 07:57	08/22/16 10:39	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/19/16 07:57	08/22/16 10:39	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/19/16 07:57	08/22/16 10:39	1
Pentachlorophenol	ND		10	2.2	ug/L		08/19/16 07:57	08/22/16 10:39	1
Phenanthrene	ND		5.0	0.44	ug/L		08/19/16 07:57	08/22/16 10:39	1
Phenol	ND		5.0	0.39	ug/L		08/19/16 07:57	08/22/16 10:39	1
Pyrene	ND		5.0	0.34	ug/L		08/19/16 07:57	08/22/16 10:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	91		52 - 132	08/19/16 07:57	08/22/16 10:39	1
2-Fluorobiphenyl	82		48 - 120	08/19/16 07:57	08/22/16 10:39	1
2-Fluorophenol	64		20 - 120	08/19/16 07:57	08/22/16 10:39	1
Nitrobenzene-d5	82		46 - 120	08/19/16 07:57	08/22/16 10:39	1
Phenol-d5	46		16 - 120	08/19/16 07:57	08/22/16 10:39	1
p-Terphenyl-d14	98		67 - 150	08/19/16 07:57	08/22/16 10:39	1

Lab Sample ID: LCS 480-316800/2-A

Matrix: Water

Analysis Batch: 317048

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 316800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	16.0	14.6		ug/L		91	65 - 126
2,4,6-Trichlorophenol	16.0	14.2		ug/L		89	64 - 120
2,4-Dichlorophenol	16.0	13.7		ug/L		86	64 - 120
2,4-Dimethylphenol	16.0	12.1		ug/L		75	57 - 120
2,4-Dinitrophenol	32.0	20.2		ug/L		63	42 - 153
2,4-Dinitrotoluene	16.0	15.5		ug/L		97	65 - 154

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-316800/2-A

Matrix: Water

Analysis Batch: 317048

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 316800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,6-Dinitrotoluene	16.0	14.9		ug/L		93	74 - 134
2-Chloronaphthalene	16.0	13.0		ug/L		81	41 - 124
2-Chlorophenol	16.0	12.4		ug/L		77	48 - 120
2-Methylnaphthalene	16.0	12.6		ug/L		79	34 - 122
2-Methylphenol	16.0	11.4		ug/L		71	39 - 120
2-Nitroaniline	16.0	13.3		ug/L		83	67 - 136
2-Nitrophenol	16.0	13.4		ug/L		84	59 - 120
3,3'-Dichlorobenzidine	32.0	31.6		ug/L		99	33 - 140
3-Nitroaniline	16.0	12.7		ug/L		79	28 - 130
4,6-Dinitro-2-methylphenol	32.0	31.6		ug/L		99	64 - 159
4-Bromophenyl phenyl ether	16.0	14.5		ug/L		91	71 - 126
4-Chloro-3-methylphenol	16.0	14.5		ug/L		91	64 - 120
4-Chloroaniline	16.0	9.89		ug/L		62	10 - 130
4-Chlorophenyl phenyl ether	16.0	14.2		ug/L		89	71 - 122
4-Methylphenol	16.0	11.0		ug/L		69	39 - 120
4-Nitroaniline	16.0	14.6		ug/L		91	47 - 130
4-Nitrophenol	32.0	25.2		ug/L		79	16 - 120
Acenaphthene	16.0	13.1		ug/L		82	60 - 120
Acenaphthylene	16.0	13.1		ug/L		82	63 - 120
Acetophenone	16.0	12.4		ug/L		78	45 - 120
Aniline	16.0	6.25	J	ug/L		39	37 - 120
Anthracene	16.0	13.2		ug/L		82	58 - 148
Atrazine	32.0	33.2		ug/L		104	56 - 179
Benzaldehyde	32.0	24.6		ug/L		77	30 - 140
Benzo(a)anthracene	16.0	14.1		ug/L		88	55 - 151
Benzo(a)pyrene	16.0	14.0		ug/L		88	60 - 145
Benzo(b)fluoranthene	16.0	14.4		ug/L		90	54 - 140
Benzo(g,h,i)perylene	16.0	15.2		ug/L		95	66 - 152
Benzo(k)fluoranthene	16.0	13.5		ug/L		85	51 - 153
Biphenyl	16.0	13.2		ug/L		83	30 - 140
bis (2-chloroisopropyl) ether	16.0	8.58		ug/L		54	28 - 136
Bis(2-chloroethoxy)methane	16.0	11.5		ug/L		72	50 - 128
Bis(2-chloroethyl)ether	16.0	10.9		ug/L		68	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	13.6		ug/L		85	53 - 158
Butyl benzyl phthalate	16.0	14.1		ug/L		88	58 - 163
Caprolactam	32.0	9.65		ug/L		30	14 - 130
Carbazole	16.0	15.0		ug/L		94	59 - 148
Chrysene	16.0	14.3		ug/L		90	69 - 140
Dibenz(a,h)anthracene	16.0	15.2		ug/L		95	57 - 148
Dibenzofuran	16.0	14.0		ug/L		88	49 - 137
Diethyl phthalate	16.0	14.8		ug/L		93	59 - 146
Dimethyl phthalate	16.0	14.5		ug/L		91	59 - 141
Di-n-butyl phthalate	16.0	14.4		ug/L		90	58 - 149
Di-n-octyl phthalate	16.0	13.4		ug/L		84	55 - 167
Fluoranthene	16.0	14.9		ug/L		93	55 - 147
Fluorene	16.0	14.2		ug/L		89	55 - 143
Hexachlorobenzene	16.0	13.9		ug/L		87	14 - 130
Hexachlorobutadiene	16.0	12.0		ug/L		75	14 - 130

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-316800/2-A

Matrix: Water

Analysis Batch: 317048

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 316800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorocyclopentadiene	16.0	9.72		ug/L		61	13 - 130
Hexachloroethane	16.0	10.2		ug/L		63	14 - 130
Indeno(1,2,3-cd)pyrene	16.0	15.3		ug/L		95	69 - 146
Isophorone	16.0	11.9		ug/L		74	48 - 133
Naphthalene	16.0	12.0		ug/L		75	35 - 130
Nitrobenzene	16.0	11.9		ug/L		75	45 - 123
N-Nitrosodi-n-propylamine	16.0	11.3		ug/L		71	56 - 120
N-Nitrosodiphenylamine	16.0	13.3		ug/L		83	25 - 125
Pentachlorophenol	32.0	19.6		ug/L		61	39 - 136
Phenanthrene	16.0	14.3		ug/L		89	57 - 147
Phenol	16.0	7.47		ug/L		47	17 - 120
Pyrene	16.0	14.4		ug/L		90	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	99		52 - 132
2-Fluorobiphenyl	86		48 - 120
2-Fluorophenol	64		20 - 120
Nitrobenzene-d5	77		46 - 120
Phenol-d5	49		16 - 120
p-Terphenyl-d14	97		67 - 150

Lab Sample ID: 480-104757-1 MS

Matrix: Water

Analysis Batch: 317048

Client Sample ID: BCC Area E DMH-E31 MS_0816

Prep Type: Total/NA

Prep Batch: 316800

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		14.9	10.8	J	ug/L		73	65 - 126
2,4,6-Trichlorophenol	ND		14.9	12.1	J	ug/L		81	64 - 120
2,4-Dichlorophenol	ND		14.9	11.5	J	ug/L		77	64 - 120
2,4-Dimethylphenol	ND		14.9	10.9	J	ug/L		73	57 - 120
2,4-Dinitrophenol	ND		29.8	39.1	J	ug/L		131	42 - 153
2,4-Dinitrotoluene	24		14.9	42.2		ug/L		119	62 - 148
2,6-Dinitrotoluene	75		14.9	99.3	4	ug/L		163	65 - 154
2-Chloronaphthalene	ND		14.9	11.5	J	ug/L		77	41 - 124
2-Chlorophenol	ND		14.9	10.7	J	ug/L		72	48 - 120
2-Methylnaphthalene	ND		14.9	11.9	J	ug/L		80	34 - 122
2-Methylphenol	ND		14.9	10.0	J	ug/L		67	39 - 120
2-Nitroaniline	ND		14.9	12.7	J	ug/L		86	67 - 136
2-Nitrophenol	ND	F2	14.9	13.4	J	ug/L		90	59 - 120
3,3'-Dichlorobenzidine	ND		29.8	21.4	J	ug/L		72	33 - 140
3-Nitroaniline	ND		14.9	13.8	J	ug/L		93	69 - 129
4,6-Dinitro-2-methylphenol	ND		29.8	38.8	J	ug/L		130	64 - 159
4-Bromophenyl phenyl ether	ND	F2	14.9	14.4	J	ug/L		97	71 - 126
4-Chloro-3-methylphenol	ND		14.9	12.7	J	ug/L		85	64 - 120
4-Chloroaniline	ND	F1	14.9	9.50	J	ug/L		64	60 - 124
4-Chlorophenyl phenyl ether	ND		14.9	12.9	J	ug/L		87	48 - 145
4-Methylphenol	ND		14.9	9.10	J	ug/L		61	36 - 120
4-Nitroaniline	ND		14.9	19.7	J	ug/L		132	64 - 135

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-104757-1 MS

Matrix: Water

Analysis Batch: 317048

Client Sample ID: BCC Area E DMH-E31 MS_0816

Prep Type: Total/NA

Prep Batch: 316800

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Nitrophenol	ND		29.8	22.9	J	ug/L		77	16 - 120
Acenaphthene	ND		14.9	12.6	J	ug/L		84	60 - 120
Acenaphthylene	ND		14.9	11.9	J	ug/L		80	63 - 120
Acetophenone	ND		14.9	10.7	J	ug/L		72	45 - 120
Aniline	ND		14.9	7.55	J	ug/L		51	37 - 120
Anthracene	ND		14.9	13.9	J	ug/L		93	58 - 148
Atrazine	ND		29.8	29.8		ug/L		100	56 - 179
Benzaldehyde	ND		29.8	25.7		ug/L		86	30 - 140
Benzo(a)anthracene	ND		14.9	12.2	J	ug/L		82	55 - 151
Benzo(a)pyrene	ND	F1	14.9	9.41	J	ug/L		63	60 - 145
Benzo(b)fluoranthene	ND	F2	14.9	10.0	J	ug/L		67	54 - 140
Benzo(g,h,i)perylene	ND	F1	14.9	8.53	J F1	ug/L		57	66 - 152
Benzo(k)fluoranthene	ND		14.9	10.1	J	ug/L		67	51 - 153
Biphenyl	ND		14.9	11.8	J	ug/L		79	30 - 140
bis (2-chloroisopropyl) ether	ND		14.9	7.66	J	ug/L		51	28 - 136
Bis(2-chloroethoxy)methane	ND		14.9	10.6	J	ug/L		71	50 - 128
Bis(2-chloroethyl)ether	ND		14.9	9.06	J	ug/L		61	51 - 120
Bis(2-ethylhexyl) phthalate	ND	F1	14.9	ND	F1	ug/L		0	53 - 158
Butyl benzyl phthalate	ND		14.9	12.8	J	ug/L		86	58 - 163
Caprolactam	ND	F1	29.8	ND	F1	ug/L		0	30 - 140
Carbazole	ND		14.9	16.0	J	ug/L		107	59 - 148
Chrysene	ND		14.9	12.1	J	ug/L		81	69 - 140
Dibenz(a,h)anthracene	ND	F1	14.9	7.92	J F1	ug/L		53	57 - 158
Dibenzofuran	ND		14.9	12.8	J	ug/L		86	49 - 137
Diethyl phthalate	ND		14.9	13.5	J	ug/L		91	59 - 146
Dimethyl phthalate	ND		14.9	13.2	J	ug/L		88	59 - 141
Di-n-butyl phthalate	ND		14.9	13.7	J	ug/L		92	58 - 149
Di-n-octyl phthalate	ND	F1	14.9	7.48	J F1	ug/L		50	55 - 167
Fluoranthene	ND		14.9	14.1	J	ug/L		95	55 - 147
Fluorene	ND		14.9	13.0	J	ug/L		87	55 - 143
Hexachlorobenzene	ND		14.9	13.2	J	ug/L		89	38 - 131
Hexachlorobutadiene	ND		14.9	10.9	J	ug/L		73	14 - 130
Hexachlorocyclopentadiene	ND		14.9	7.23	J	ug/L		49	13 - 130
Hexachloroethane	ND		14.9	8.67	J	ug/L		58	14 - 130
Indeno(1,2,3-cd)pyrene	ND	F1 F2	14.9	8.35	J F1	ug/L		56	69 - 146
Isophorone	ND		14.9	10.8	J	ug/L		72	48 - 133
Naphthalene	ND		14.9	11.0	J	ug/L		74	35 - 130
Nitrobenzene	ND		14.9	11.8	J	ug/L		79	45 - 123
N-Nitrosodi-n-propylamine	ND		14.9	10.0	J	ug/L		67	56 - 120
N-Nitrosodiphenylamine	ND		14.9	13.0	J	ug/L		88	25 - 125
Pentachlorophenol	ND		29.8	20.2	J	ug/L		68	39 - 136
Phenanthrene	ND		14.9	13.9	J	ug/L		93	57 - 147
Phenol	ND		14.9	6.71	J	ug/L		45	17 - 120
Pyrene	ND		14.9	13.4	J	ug/L		90	58 - 136

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol	101		52 - 132
2-Fluorobiphenyl	82		48 - 120

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-104757-1 MS

Matrix: Water

Analysis Batch: 317048

Client Sample ID: BCC Area E DMH-E31 MS_0816

Prep Type: Total/NA

Prep Batch: 316800

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorophenol	57		20 - 120
Nitrobenzene-d5	75		46 - 120
Phenol-d5	44		16 - 120
p-Terphenyl-d14	78		67 - 150

Lab Sample ID: 480-104757-1 MSD

Matrix: Water

Analysis Batch: 317048

Client Sample ID: BCC Area E DMH-E31 MSD_0816

Prep Type: Total/NA

Prep Batch: 316800

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	11.7	J	ug/L		78	65 - 126	8	18
2,4,6-Trichlorophenol	ND		14.9	10.9	J	ug/L		73	64 - 120	11	19
2,4-Dichlorophenol	ND		14.9	9.89	J	ug/L		66	64 - 120	15	19
2,4-Dimethylphenol	ND		14.9	9.69	J	ug/L		65	57 - 120	12	42
2,4-Dinitrophenol	ND		29.8	34.8	J	ug/L		117	42 - 153	12	22
2,4-Dinitrotoluene	24		14.9	39.7		ug/L		102	62 - 148	6	20
2,6-Dinitrotoluene	75		14.9	90.3	4	ug/L		102	65 - 154	10	15
2-Chloronaphthalene	ND		14.9	9.83	J	ug/L		66	41 - 124	16	21
2-Chlorophenol	ND		14.9	9.34	J	ug/L		63	48 - 120	14	25
2-Methylnaphthalene	ND		14.9	9.93	J	ug/L		67	34 - 122	18	21
2-Methylphenol	ND		14.9	8.41	J	ug/L		56	39 - 120	17	27
2-Nitroaniline	ND		14.9	11.6	J	ug/L		78	67 - 136	9	15
2-Nitrophenol	ND	F2	14.9	10.6	J F2	ug/L		71	59 - 120	24	18
3,3'-Dichlorobenzidine	ND		29.8	19.3	J	ug/L		65	33 - 140	10	25
3-Nitroaniline	ND		14.9	13.1	J	ug/L		88	69 - 129	5	19
4,6-Dinitro-2-methylphenol	ND		29.8	35.0	J	ug/L		117	64 - 159	10	15
4-Bromophenyl phenyl ether	ND	F2	14.9	12.3	J F2	ug/L		83	71 - 126	16	15
4-Chloro-3-methylphenol	ND		14.9	11.2	J	ug/L		75	64 - 120	12	27
4-Chloroaniline	ND	F1	14.9	8.42	J F1	ug/L		57	60 - 124	12	22
4-Chlorophenyl phenyl ether	ND		14.9	11.7	J	ug/L		78	48 - 145	10	16
4-Methylphenol	ND		14.9	8.22	J	ug/L		55	36 - 120	10	24
4-Nitroaniline	ND		14.9	18.3	J	ug/L		123	64 - 135	7	24
4-Nitrophenol	ND		29.8	19.0	J	ug/L		64	16 - 120	19	48
Acenaphthene	ND		14.9	11.1	J	ug/L		74	60 - 120	12	24
Acenaphthylene	ND		14.9	10.6	J	ug/L		71	63 - 120	11	18
Acetophenone	ND		14.9	9.26	J	ug/L		62	45 - 120	15	20
Aniline	ND		14.9	7.24	J	ug/L		49	37 - 120	4	30
Anthracene	ND		14.9	12.4	J	ug/L		83	58 - 148	12	15
Atrazine	ND		29.8	26.9		ug/L		90	56 - 179	10	20
Benzaldehyde	ND		29.8	21.6	J	ug/L		72	30 - 140	17	20
Benzo(a)anthracene	ND		14.9	10.8	J	ug/L		72	55 - 151	12	15
Benzo(a)pyrene	ND	F1	14.9	8.30	J F1	ug/L		56	60 - 145	13	15
Benzo(b)fluoranthene	ND	F2	14.9	8.38	J F2	ug/L		56	54 - 140	18	15
Benzo(g,h,i)perylene	ND	F1	14.9	7.59	J F1	ug/L		51	66 - 152	12	15
Benzo(k)fluoranthene	ND		14.9	8.25	J	ug/L		55	51 - 153	20	22
Biphenyl	ND		14.9	10.3	J	ug/L		69	30 - 140	13	20
bis (2-chloroisopropyl) ether	ND		14.9	6.43	J	ug/L		43	28 - 136	17	24
Bis(2-chloroethoxy)methane	ND		14.9	8.97	J	ug/L		60	50 - 128	17	17

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-104757-1 MSD

Matrix: Water

Analysis Batch: 317048

Client Sample ID: BCC Area E DMH-E31 MSD_0816

Prep Type: Total/NA

Prep Batch: 316800

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bis(2-chloroethyl)ether	ND		14.9	7.87	J	ug/L		53	51 - 120	14	21
Bis(2-ethylhexyl) phthalate	ND	F1	14.9	ND	F1	ug/L		0	53 - 158	NC	15
Butyl benzyl phthalate	ND		14.9	11.3	J	ug/L		76	58 - 163	13	16
Caprolactam	ND	F1	29.8	ND	F1	ug/L		0	30 - 140	NC	20
Carbazole	ND		14.9	13.6	J	ug/L		91	59 - 148	16	20
Chrysene	ND		14.9	10.6	J	ug/L		71	69 - 140	13	15
Dibenz(a,h)anthracene	ND	F1	14.9	6.91	J F1	ug/L		46	57 - 158	14	15
Dibenzofuran	ND		14.9	11.6	J	ug/L		78	49 - 137	10	15
Diethyl phthalate	ND		14.9	12.2	J	ug/L		82	59 - 146	10	15
Dimethyl phthalate	ND		14.9	11.7	J	ug/L		79	59 - 141	12	15
Di-n-butyl phthalate	ND		14.9	12.2	J	ug/L		82	58 - 149	12	15
Di-n-octyl phthalate	ND	F1	14.9	6.53	J F1	ug/L		44	55 - 167	14	16
Fluoranthene	ND		14.9	12.3	J	ug/L		83	55 - 147	13	15
Fluorene	ND		14.9	11.6	J	ug/L		78	55 - 143	11	15
Hexachlorobenzene	ND		14.9	11.6	J	ug/L		78	38 - 131	13	15
Hexachlorobutadiene	ND		14.9	8.27	J	ug/L		56	14 - 130	27	44
Hexachlorocyclopentadiene	ND		14.9	6.08	J	ug/L		41	13 - 130	17	49
Hexachloroethane	ND		14.9	6.99	J	ug/L		47	14 - 130	21	46
Indeno(1,2,3-cd)pyrene	ND	F1 F2	14.9	7.02	J F1 F2	ug/L		47	69 - 146	17	15
Isophorone	ND		14.9	9.22	J	ug/L		62	48 - 133	16	17
Naphthalene	ND		14.9	9.45	J	ug/L		63	35 - 130	15	29
Nitrobenzene	ND		14.9	10.3	J	ug/L		69	45 - 123	14	24
N-Nitrosodi-n-propylamine	ND		14.9	8.69	J	ug/L		58	56 - 120	14	31
N-Nitrosodiphenylamine	ND		14.9	12.4	J	ug/L		83	25 - 125	5	15
Pentachlorophenol	ND		29.8	16.7	J	ug/L		56	39 - 136	19	37
Phenanthrene	ND		14.9	12.2	J	ug/L		82	57 - 147	13	15
Phenol	ND		14.9	5.69	J	ug/L		38	17 - 120	16	34
Pyrene	ND		14.9	12.3	J	ug/L		83	58 - 136	8	19

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol	85		52 - 132
2-Fluorobiphenyl	71		48 - 120
2-Fluorophenol	45		20 - 120
Nitrobenzene-d5	62		46 - 120
Phenol-d5	37		16 - 120
p-Terphenyl-d14	68		67 - 150

TestAmerica Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

GC/MS VOA

Analysis Batch: 316901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104757-1	BCC Area E DMH-E31_0816	Total/NA	Water	8260C	
480-104757-2	BCC Area E DMH-E31 D_0816	Total/NA	Water	8260C	
480-104757-3	TRIP BLANK	Total/NA	Water	8260C	
MB 480-316901/8	Method Blank	Total/NA	Water	8260C	
LCS 480-316901/10	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-316901/9	Lab Control Sample Dup	Total/NA	Water	8260C	
480-104757-1 MS	BCC Area E DMH-E31 MS_0816	Total/NA	Water	8260C	
480-104757-1 MSD	BCC Area E DMH-E31 MSD_0816	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 316800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104757-1	BCC Area E DMH-E31_0816	Total/NA	Water	3510C	
480-104757-2	BCC Area E DMH-E31 D_0816	Total/NA	Water	3510C	
MB 480-316800/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-316800/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-104757-1 MS	BCC Area E DMH-E31 MS_0816	Total/NA	Water	3510C	
480-104757-1 MSD	BCC Area E DMH-E31 MSD_0816	Total/NA	Water	3510C	

Analysis Batch: 317048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104757-1	BCC Area E DMH-E31_0816	Total/NA	Water	8270D	316800
480-104757-2	BCC Area E DMH-E31 D_0816	Total/NA	Water	8270D	316800
MB 480-316800/1-A	Method Blank	Total/NA	Water	8270D	316800
LCS 480-316800/2-A	Lab Control Sample	Total/NA	Water	8270D	316800
480-104757-1 MS	BCC Area E DMH-E31 MS_0816	Total/NA	Water	8270D	316800
480-104757-1 MSD	BCC Area E DMH-E31 MSD_0816	Total/NA	Water	8270D	316800

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-104757-1

Client Sample ID: BCC Area E DMH-E31_0816

Lab Sample ID: 480-104757-1

Date Collected: 08/16/16 13:15

Matrix: Water

Date Received: 08/18/16 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	316901	08/20/16 05:26	GTG	TAL BUF
Total/NA	Prep	3510C			316800	08/19/16 07:57	CPH	TAL BUF
Total/NA	Analysis	8270D		5	317048	08/22/16 14:30	LMW	TAL BUF

Client Sample ID: BCC Area E DMH-E31 D_0816

Lab Sample ID: 480-104757-2

Date Collected: 08/16/16 13:15

Matrix: Water

Date Received: 08/18/16 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	316901	08/20/16 05:50	GTG	TAL BUF
Total/NA	Prep	3510C			316800	08/19/16 07:57	CPH	TAL BUF
Total/NA	Analysis	8270D		5	317048	08/22/16 14:58	LMW	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-104757-3

Date Collected: 08/16/16 00:00

Matrix: Water

Date Received: 08/18/16 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	316901	08/20/16 07:02	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 E Storm Sewer

TestAmerica Job ID: 480-104757-1

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 E Storm Sewer

TestAmerica Job ID: 480-104757-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF

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 E Storm Sewer

TestAmerica Job ID: 480-104757-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-104757-1	BCC Area E DMH-E31_0816	Water	08/16/16 13:15	08/18/16 15:50
480-104757-2	BCC Area E DMH-E31 D_0816	Water	08/16/16 13:15	08/18/16 15:50
480-104757-3	TRIP BLANK	Water	08/16/16 00:00	08/18/16 15:50

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-104757-1

Login Number: 104757

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	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-108913-1

Client Project/Site: Buffalo Color Area E Storm Sewer

Sampling Event: Buffalo Color Area E Storm Sewer

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Kirsten Colligan



Authorized for release by:

11/15/2016 10:34:45 AM

Rebecca Jones, Project Management Assistant I

rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II

(716)504-9838

john.schove@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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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance 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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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)

Case Narrative

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Job ID: 480-108913-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-108913-1

Comments

No additional comments.

Receipt

The samples were received on 11/2/2016 4:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.0° C.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-331354 recovered outside acceptance criteria, low biased, for Chloromethane. 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 has been reported for the affected samples BCC Area E DMH-E31 D_1116 (480-108913-1).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-331354 recovered above the upper control limit for Acetone 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 E DMH-E31 D_1116 (480-108913-1).

Method(s) 8260C: The laboratory control sample (LCS) for analytical batch 480-331354 recovered outside control limits for the following analyte: Acetone. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported for the following affected samples BCC Area E DMH-E31 D_1116 (480-108913-1).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-331348 recovered outside acceptance criteria, low biased, for Chloromethane. 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 has been reported for the following affected samples: BCC Area E DMH-E31_1116 (480-108913-2) and TRIP BLANK (480-108913-3).

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 480-330138 recovered outside acceptance criteria, low biased, for N-Nitrosodi-n-propylamine. 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 E DMH-E31_1116 (480-108913-2).

Method(s) 8270D: The following samples was diluted due to the nature of the sample matrix: BCC Area E DMH-E31_1116 (480-108913-2), BCC Area E DMH-E31 MS_1116 (480-108913-2[MS]) and BCC Area E DMH-E31 MSD_1116 (480-108913-2[MSD]). Elevated reporting limits (RLs) are provided.

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 E DMH-E31 MS_1116 (480-108913-2[MS]) and BCC Area E DMH-E31 MSD_1116 (480-108913-2[MSD]). These results have been reported and qualified.

Method(s) 8270D: The method blank for preparation batch 480-329627 contained Bis(2-ethylhexyl) phthalate above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of sample was not performed: BCC Area E DMH-E31_1116 (480-108913-2).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-330138 recovered above the upper control limit for 2,4-Dinitrophenol. 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 E DMH-E31_1116 (480-108913-2).

Method(s) 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-329627 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance

Case Narrative

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Job ID: 480-108913-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

limits: BCC Area E DMH-E31 MS_1116 (480-108913-2[MS]) and BCC Area E DMH-E31 MSD_1116 (480-108913-2[MSD]).

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 sample was non-detect for this analyte, the data have been reported: BCC Area E DMH-E31 D_1116 (480-108913-1).

Method(s) 8270D: The following sample was diluted due to the nature of the sample matrix: BCC Area E DMH-E31 D_1116 (480-108913-1). 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.

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 E Storm Sewer

TestAmerica Job ID: 480-108913-1

Client Sample ID: BCC Area E DMH-E31 D_1116

Lab Sample ID: 480-108913-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	7.8		1.0	0.41	ug/L	1		8260C	Total/NA
1,2-Dichlorobenzene	8.9		1.0	0.79	ug/L	1		8260C	Total/NA
1,3-Dichlorobenzene	6.6		1.0	0.78	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	18		1.0	0.84	ug/L	1		8260C	Total/NA
Chlorobenzene	12		1.0	0.75	ug/L	1		8260C	Total/NA
2,4-Dinitrotoluene	4.5	J	23	2.1	ug/L	5		8270D	Total/NA
2,6-Dinitrotoluene	11	J	23	1.9	ug/L	5		8270D	Total/NA

Client Sample ID: BCC Area E DMH-E31_1116

Lab Sample ID: 480-108913-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	7.5		1.0	0.41	ug/L	1		8260C	Total/NA
1,2-Dichlorobenzene	8.8		1.0	0.79	ug/L	1		8260C	Total/NA
1,3-Dichlorobenzene	6.6		1.0	0.78	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	18		1.0	0.84	ug/L	1		8260C	Total/NA
2-Butanone (MEK)	2.1	J	10	1.3	ug/L	1		8260C	Total/NA
Acetone	5.7	J	10	3.0	ug/L	1		8260C	Total/NA
Chlorobenzene	13		1.0	0.75	ug/L	1		8260C	Total/NA
2,4-Dinitrotoluene	4.3	J	23	2.1	ug/L	5		8270D	Total/NA
2,6-Dinitrotoluene	10	J	23	1.9	ug/L	5		8270D	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-108913-3

No Detections.

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Client Sample ID: BCC Area E DMH-E31 D_1116

Lab Sample ID: 480-108913-1

Date Collected: 11/02/16 08:30

Matrix: Water

Date Received: 11/02/16 16:15

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			11/14/16 01:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/14/16 01:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/14/16 01:07	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/14/16 01:07	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/14/16 01:07	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/14/16 01:07	1
1,2,4-Trichlorobenzene	7.8		1.0	0.41	ug/L			11/14/16 01:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/14/16 01:07	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/14/16 01:07	1
1,2-Dichlorobenzene	8.9		1.0	0.79	ug/L			11/14/16 01:07	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/14/16 01:07	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/14/16 01:07	1
1,3-Dichlorobenzene	6.6		1.0	0.78	ug/L			11/14/16 01:07	1
1,4-Dichlorobenzene	18		1.0	0.84	ug/L			11/14/16 01:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/14/16 01:07	1
2-Hexanone	ND		5.0	1.2	ug/L			11/14/16 01:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/14/16 01:07	1
Acetone	ND	*	10	3.0	ug/L			11/14/16 01:07	1
Benzene	ND		1.0	0.41	ug/L			11/14/16 01:07	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/14/16 01:07	1
Bromoform	ND		1.0	0.26	ug/L			11/14/16 01:07	1
Bromomethane	ND		1.0	0.69	ug/L			11/14/16 01:07	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/14/16 01:07	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/14/16 01:07	1
Chlorobenzene	12		1.0	0.75	ug/L			11/14/16 01:07	1
Chloroethane	ND		1.0	0.32	ug/L			11/14/16 01:07	1
Chloroform	ND		1.0	0.34	ug/L			11/14/16 01:07	1
Chloromethane	ND		1.0	0.35	ug/L			11/14/16 01:07	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/14/16 01:07	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/14/16 01:07	1
Cyclohexane	ND		1.0	0.18	ug/L			11/14/16 01:07	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/14/16 01:07	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/14/16 01:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/14/16 01:07	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/14/16 01:07	1
Methyl acetate	ND		2.5	1.3	ug/L			11/14/16 01:07	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/14/16 01:07	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/14/16 01:07	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/14/16 01:07	1
Styrene	ND		1.0	0.73	ug/L			11/14/16 01:07	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/14/16 01:07	1
Toluene	ND		1.0	0.51	ug/L			11/14/16 01:07	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/14/16 01:07	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/14/16 01:07	1
Trichloroethene	ND		1.0	0.46	ug/L			11/14/16 01:07	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/14/16 01:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/14/16 01:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/14/16 01:07	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Client Sample ID: BCC Area E DMH-E31 D_1116

Lab Sample ID: 480-108913-1

Date Collected: 11/02/16 08:30

Matrix: Water

Date Received: 11/02/16 16:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		11/14/16 01:07	1
4-Bromofluorobenzene (Surr)	105		73 - 120		11/14/16 01:07	1
Toluene-d8 (Surr)	96		80 - 120		11/14/16 01:07	1
Dibromofluoromethane (Surr)	105		75 - 123		11/14/16 01:07	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		23	2.2	ug/L		11/04/16 07:03	11/08/16 20:36	5
2,4,6-Trichlorophenol	ND		23	2.8	ug/L		11/04/16 07:03	11/08/16 20:36	5
2,4-Dichlorophenol	ND		23	2.4	ug/L		11/04/16 07:03	11/08/16 20:36	5
2,4-Dimethylphenol	ND		23	2.3	ug/L		11/04/16 07:03	11/08/16 20:36	5
2,4-Dinitrophenol	ND		46	10	ug/L		11/04/16 07:03	11/08/16 20:36	5
2,4-Dinitrotoluene	4.5	J	23	2.1	ug/L		11/04/16 07:03	11/08/16 20:36	5
2,6-Dinitrotoluene	11	J	23	1.9	ug/L		11/04/16 07:03	11/08/16 20:36	5
2-Chloronaphthalene	ND		23	2.1	ug/L		11/04/16 07:03	11/08/16 20:36	5
2-Chlorophenol	ND		23	2.5	ug/L		11/04/16 07:03	11/08/16 20:36	5
2-Methylnaphthalene	ND		23	2.8	ug/L		11/04/16 07:03	11/08/16 20:36	5
2-Methylphenol	ND		23	1.9	ug/L		11/04/16 07:03	11/08/16 20:36	5
2-Nitroaniline	ND		46	1.9	ug/L		11/04/16 07:03	11/08/16 20:36	5
2-Nitrophenol	ND		23	2.2	ug/L		11/04/16 07:03	11/08/16 20:36	5
3,3'-Dichlorobenzidine	ND		23	1.9	ug/L		11/04/16 07:03	11/08/16 20:36	5
3-Nitroaniline	ND		46	2.2	ug/L		11/04/16 07:03	11/08/16 20:36	5
4,6-Dinitro-2-methylphenol	ND		46	10	ug/L		11/04/16 07:03	11/08/16 20:36	5
4-Bromophenyl phenyl ether	ND		23	2.1	ug/L		11/04/16 07:03	11/08/16 20:36	5
4-Chloro-3-methylphenol	ND		23	2.1	ug/L		11/04/16 07:03	11/08/16 20:36	5
4-Chloroaniline	ND		23	2.7	ug/L		11/04/16 07:03	11/08/16 20:36	5
4-Chlorophenyl phenyl ether	ND		23	1.6	ug/L		11/04/16 07:03	11/08/16 20:36	5
4-Methylphenol	ND		46	1.7	ug/L		11/04/16 07:03	11/08/16 20:36	5
4-Nitroaniline	ND		46	1.2	ug/L		11/04/16 07:03	11/08/16 20:36	5
4-Nitrophenol	ND		46	7.0	ug/L		11/04/16 07:03	11/08/16 20:36	5
Acenaphthene	ND		23	1.9	ug/L		11/04/16 07:03	11/08/16 20:36	5
Acenaphthylene	ND		23	1.8	ug/L		11/04/16 07:03	11/08/16 20:36	5
Acetophenone	ND		23	2.5	ug/L		11/04/16 07:03	11/08/16 20:36	5
Aniline	ND		46	2.8	ug/L		11/04/16 07:03	11/08/16 20:36	5
Anthracene	ND		23	1.3	ug/L		11/04/16 07:03	11/08/16 20:36	5
Atrazine	ND		23	2.1	ug/L		11/04/16 07:03	11/08/16 20:36	5
Benzaldehyde	ND		23	1.2	ug/L		11/04/16 07:03	11/08/16 20:36	5
Benzo(a)anthracene	ND		23	1.7	ug/L		11/04/16 07:03	11/08/16 20:36	5
Benzo(a)pyrene	ND		23	2.2	ug/L		11/04/16 07:03	11/08/16 20:36	5
Benzo(b)fluoranthene	ND		23	1.6	ug/L		11/04/16 07:03	11/08/16 20:36	5
Benzo(g,h,i)perylene	ND		23	1.6	ug/L		11/04/16 07:03	11/08/16 20:36	5
Benzo(k)fluoranthene	ND		23	3.4	ug/L		11/04/16 07:03	11/08/16 20:36	5
Biphenyl	ND		23	3.0	ug/L		11/04/16 07:03	11/08/16 20:36	5
bis (2-chloroisopropyl) ether	ND		23	2.4	ug/L		11/04/16 07:03	11/08/16 20:36	5
Bis(2-chloroethoxy)methane	ND		23	1.6	ug/L		11/04/16 07:03	11/08/16 20:36	5
Bis(2-chloroethyl)ether	ND		23	1.9	ug/L		11/04/16 07:03	11/08/16 20:36	5
Bis(2-ethylhexyl) phthalate	ND		23	10	ug/L		11/04/16 07:03	11/08/16 20:36	5
Butyl benzyl phthalate	ND		23	4.6	ug/L		11/04/16 07:03	11/08/16 20:36	5
Caprolactam	ND		23	10	ug/L		11/04/16 07:03	11/08/16 20:36	5
Carbazole	ND		23	1.4	ug/L		11/04/16 07:03	11/08/16 20:36	5

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Client Sample ID: BCC Area E DMH-E31 D_1116

Lab Sample ID: 480-108913-1

Date Collected: 11/02/16 08:30

Matrix: Water

Date Received: 11/02/16 16:15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		23	1.5	ug/L		11/04/16 07:03	11/08/16 20:36	5
Dibenz(a,h)anthracene	ND		23	1.9	ug/L		11/04/16 07:03	11/08/16 20:36	5
Dibenzofuran	ND		46	2.4	ug/L		11/04/16 07:03	11/08/16 20:36	5
Diethyl phthalate	ND		23	1.0	ug/L		11/04/16 07:03	11/08/16 20:36	5
Dimethyl phthalate	ND		23	1.7	ug/L		11/04/16 07:03	11/08/16 20:36	5
Di-n-butyl phthalate	ND		23	1.4	ug/L		11/04/16 07:03	11/08/16 20:36	5
Di-n-octyl phthalate	ND		23	2.2	ug/L		11/04/16 07:03	11/08/16 20:36	5
Fluoranthene	ND		23	1.9	ug/L		11/04/16 07:03	11/08/16 20:36	5
Fluorene	ND		23	1.7	ug/L		11/04/16 07:03	11/08/16 20:36	5
Hexachlorobenzene	ND		23	2.4	ug/L		11/04/16 07:03	11/08/16 20:36	5
Hexachlorobutadiene	ND		23	3.2	ug/L		11/04/16 07:03	11/08/16 20:36	5
Hexachlorocyclopentadiene	ND		23	2.7	ug/L		11/04/16 07:03	11/08/16 20:36	5
Hexachloroethane	ND		23	2.7	ug/L		11/04/16 07:03	11/08/16 20:36	5
Indeno(1,2,3-cd)pyrene	ND		23	2.2	ug/L		11/04/16 07:03	11/08/16 20:36	5
Isophorone	ND		23	2.0	ug/L		11/04/16 07:03	11/08/16 20:36	5
Naphthalene	ND		23	3.5	ug/L		11/04/16 07:03	11/08/16 20:36	5
Nitrobenzene	ND		23	1.3	ug/L		11/04/16 07:03	11/08/16 20:36	5
N-Nitrosodi-n-propylamine	ND		23	2.5	ug/L		11/04/16 07:03	11/08/16 20:36	5
N-Nitrosodiphenylamine	ND		23	2.4	ug/L		11/04/16 07:03	11/08/16 20:36	5
Pentachlorophenol	ND		46	10	ug/L		11/04/16 07:03	11/08/16 20:36	5
Phenanthrene	ND		23	2.0	ug/L		11/04/16 07:03	11/08/16 20:36	5
Phenol	ND		23	1.8	ug/L		11/04/16 07:03	11/08/16 20:36	5
Pyrene	ND		23	1.6	ug/L		11/04/16 07:03	11/08/16 20:36	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	76		52 - 132	11/04/16 07:03	11/08/16 20:36	5
2-Fluorobiphenyl	85		48 - 120	11/04/16 07:03	11/08/16 20:36	5
2-Fluorophenol	56		20 - 120	11/04/16 07:03	11/08/16 20:36	5
Nitrobenzene-d5	70		46 - 120	11/04/16 07:03	11/08/16 20:36	5
Phenol-d5	41		16 - 120	11/04/16 07:03	11/08/16 20:36	5
p-Terphenyl-d14	74		67 - 150	11/04/16 07:03	11/08/16 20:36	5

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Client Sample ID: BCC Area E DMH-E31_1116

Lab Sample ID: 480-108913-2

Date Collected: 11/02/16 08:45

Matrix: Water

Date Received: 11/02/16 16:15

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	F1	1.0	0.82	ug/L			11/13/16 23:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/13/16 23:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F1	1.0	0.31	ug/L			11/13/16 23:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/13/16 23:17	1
1,1-Dichloroethane	ND	F1	1.0	0.38	ug/L			11/13/16 23:17	1
1,1-Dichloroethene	ND	F1	1.0	0.29	ug/L			11/13/16 23:17	1
1,2,4-Trichlorobenzene	7.5		1.0	0.41	ug/L			11/13/16 23:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/13/16 23:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/13/16 23:17	1
1,2-Dichlorobenzene	8.8		1.0	0.79	ug/L			11/13/16 23:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/13/16 23:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/13/16 23:17	1
1,3-Dichlorobenzene	6.6		1.0	0.78	ug/L			11/13/16 23:17	1
1,4-Dichlorobenzene	18		1.0	0.84	ug/L			11/13/16 23:17	1
2-Butanone (MEK)	2.1	J	10	1.3	ug/L			11/13/16 23:17	1
2-Hexanone	ND		5.0	1.2	ug/L			11/13/16 23:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/13/16 23:17	1
Acetone	5.7	J	10	3.0	ug/L			11/13/16 23:17	1
Benzene	ND	F1	1.0	0.41	ug/L			11/13/16 23:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/13/16 23:17	1
Bromoform	ND		1.0	0.26	ug/L			11/13/16 23:17	1
Bromomethane	ND		1.0	0.69	ug/L			11/13/16 23:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/13/16 23:17	1
Carbon tetrachloride	ND	F1	1.0	0.27	ug/L			11/13/16 23:17	1
Chlorobenzene	13		1.0	0.75	ug/L			11/13/16 23:17	1
Chloroethane	ND		1.0	0.32	ug/L			11/13/16 23:17	1
Chloroform	ND		1.0	0.34	ug/L			11/13/16 23:17	1
Chloromethane	ND		1.0	0.35	ug/L			11/13/16 23:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/13/16 23:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/13/16 23:17	1
Cyclohexane	ND	F1	1.0	0.18	ug/L			11/13/16 23:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/13/16 23:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/13/16 23:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/13/16 23:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/13/16 23:17	1
Methyl acetate	ND		2.5	1.3	ug/L			11/13/16 23:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/13/16 23:17	1
Methylcyclohexane	ND	F1	1.0	0.16	ug/L			11/13/16 23:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/13/16 23:17	1
Styrene	ND		1.0	0.73	ug/L			11/13/16 23:17	1
Tetrachloroethene	ND	F1	1.0	0.36	ug/L			11/13/16 23:17	1
Toluene	ND		1.0	0.51	ug/L			11/13/16 23:17	1
trans-1,2-Dichloroethene	ND	F1	1.0	0.90	ug/L			11/13/16 23:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/13/16 23:17	1
Trichloroethene	ND		1.0	0.46	ug/L			11/13/16 23:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/13/16 23:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/13/16 23:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/13/16 23:17	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Client Sample ID: BCC Area E DMH-E31_1116

Lab Sample ID: 480-108913-2

Date Collected: 11/02/16 08:45

Matrix: Water

Date Received: 11/02/16 16:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		11/13/16 23:17	1
4-Bromofluorobenzene (Surr)	96		73 - 120		11/13/16 23:17	1
Toluene-d8 (Surr)	97		80 - 120		11/13/16 23:17	1
Dibromofluoromethane (Surr)	104		75 - 123		11/13/16 23:17	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		23	2.2	ug/L		11/04/16 07:03	11/07/16 20:07	5
2,4,6-Trichlorophenol	ND		23	2.8	ug/L		11/04/16 07:03	11/07/16 20:07	5
2,4-Dichlorophenol	ND		23	2.4	ug/L		11/04/16 07:03	11/07/16 20:07	5
2,4-Dimethylphenol	ND		23	2.3	ug/L		11/04/16 07:03	11/07/16 20:07	5
2,4-Dinitrophenol	ND		46	10	ug/L		11/04/16 07:03	11/07/16 20:07	5
2,4-Dinitrotoluene	4.3	J	23	2.1	ug/L		11/04/16 07:03	11/07/16 20:07	5
2,6-Dinitrotoluene	10	J	23	1.9	ug/L		11/04/16 07:03	11/07/16 20:07	5
2-Chloronaphthalene	ND		23	2.1	ug/L		11/04/16 07:03	11/07/16 20:07	5
2-Chlorophenol	ND		23	2.5	ug/L		11/04/16 07:03	11/07/16 20:07	5
2-Methylnaphthalene	ND		23	2.8	ug/L		11/04/16 07:03	11/07/16 20:07	5
2-Methylphenol	ND		23	1.9	ug/L		11/04/16 07:03	11/07/16 20:07	5
2-Nitroaniline	ND		46	2.0	ug/L		11/04/16 07:03	11/07/16 20:07	5
2-Nitrophenol	ND		23	2.2	ug/L		11/04/16 07:03	11/07/16 20:07	5
3,3'-Dichlorobenzidine	ND		23	1.9	ug/L		11/04/16 07:03	11/07/16 20:07	5
3-Nitroaniline	ND		46	2.2	ug/L		11/04/16 07:03	11/07/16 20:07	5
4,6-Dinitro-2-methylphenol	ND		46	10	ug/L		11/04/16 07:03	11/07/16 20:07	5
4-Bromophenyl phenyl ether	ND		23	2.1	ug/L		11/04/16 07:03	11/07/16 20:07	5
4-Chloro-3-methylphenol	ND		23	2.1	ug/L		11/04/16 07:03	11/07/16 20:07	5
4-Chloroaniline	ND		23	2.7	ug/L		11/04/16 07:03	11/07/16 20:07	5
4-Chlorophenyl phenyl ether	ND		23	1.6	ug/L		11/04/16 07:03	11/07/16 20:07	5
4-Methylphenol	ND		46	1.7	ug/L		11/04/16 07:03	11/07/16 20:07	5
4-Nitroaniline	ND		46	1.2	ug/L		11/04/16 07:03	11/07/16 20:07	5
4-Nitrophenol	ND		46	7.1	ug/L		11/04/16 07:03	11/07/16 20:07	5
Acenaphthene	ND		23	1.9	ug/L		11/04/16 07:03	11/07/16 20:07	5
Acenaphthylene	ND		23	1.8	ug/L		11/04/16 07:03	11/07/16 20:07	5
Acetophenone	ND		23	2.5	ug/L		11/04/16 07:03	11/07/16 20:07	5
Aniline	ND		46	2.8	ug/L		11/04/16 07:03	11/07/16 20:07	5
Anthracene	ND		23	1.3	ug/L		11/04/16 07:03	11/07/16 20:07	5
Atrazine	ND		23	2.1	ug/L		11/04/16 07:03	11/07/16 20:07	5
Benzaldehyde	ND		23	1.2	ug/L		11/04/16 07:03	11/07/16 20:07	5
Benzo(a)anthracene	ND		23	1.7	ug/L		11/04/16 07:03	11/07/16 20:07	5
Benzo(a)pyrene	ND	F1	23	2.2	ug/L		11/04/16 07:03	11/07/16 20:07	5
Benzo(b)fluoranthene	ND		23	1.6	ug/L		11/04/16 07:03	11/07/16 20:07	5
Benzo(g,h,i)perylene	ND	F1	23	1.6	ug/L		11/04/16 07:03	11/07/16 20:07	5
Benzo(k)fluoranthene	ND		23	3.4	ug/L		11/04/16 07:03	11/07/16 20:07	5
Biphenyl	ND		23	3.0	ug/L		11/04/16 07:03	11/07/16 20:07	5
bis (2-chloroisopropyl) ether	ND		23	2.4	ug/L		11/04/16 07:03	11/07/16 20:07	5
Bis(2-chloroethoxy)methane	ND		23	1.6	ug/L		11/04/16 07:03	11/07/16 20:07	5
Bis(2-chloroethyl)ether	ND		23	1.9	ug/L		11/04/16 07:03	11/07/16 20:07	5
Bis(2-ethylhexyl) phthalate	ND	F1	23	10	ug/L		11/04/16 07:03	11/07/16 20:07	5
Butyl benzyl phthalate	ND		23	4.6	ug/L		11/04/16 07:03	11/07/16 20:07	5
Caprolactam	ND	F1	23	10	ug/L		11/04/16 07:03	11/07/16 20:07	5
Carbazole	ND		23	1.4	ug/L		11/04/16 07:03	11/07/16 20:07	5

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Client Sample ID: BCC Area E DMH-E31_1116

Lab Sample ID: 480-108913-2

Date Collected: 11/02/16 08:45

Matrix: Water

Date Received: 11/02/16 16:15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND	F1	23	1.5	ug/L		11/04/16 07:03	11/07/16 20:07	5
Dibenz(a,h)anthracene	ND	F1	23	2.0	ug/L		11/04/16 07:03	11/07/16 20:07	5
Dibenzofuran	ND		46	2.4	ug/L		11/04/16 07:03	11/07/16 20:07	5
Diethyl phthalate	ND		23	1.0	ug/L		11/04/16 07:03	11/07/16 20:07	5
Dimethyl phthalate	ND		23	1.7	ug/L		11/04/16 07:03	11/07/16 20:07	5
Di-n-butyl phthalate	ND		23	1.4	ug/L		11/04/16 07:03	11/07/16 20:07	5
Di-n-octyl phthalate	ND	F1	23	2.2	ug/L		11/04/16 07:03	11/07/16 20:07	5
Fluoranthene	ND		23	1.9	ug/L		11/04/16 07:03	11/07/16 20:07	5
Fluorene	ND		23	1.7	ug/L		11/04/16 07:03	11/07/16 20:07	5
Hexachlorobenzene	ND		23	2.4	ug/L		11/04/16 07:03	11/07/16 20:07	5
Hexachlorobutadiene	ND		23	3.2	ug/L		11/04/16 07:03	11/07/16 20:07	5
Hexachlorocyclopentadiene	ND		23	2.7	ug/L		11/04/16 07:03	11/07/16 20:07	5
Hexachloroethane	ND		23	2.7	ug/L		11/04/16 07:03	11/07/16 20:07	5
Indeno(1,2,3-cd)pyrene	ND	F1	23	2.2	ug/L		11/04/16 07:03	11/07/16 20:07	5
Isophorone	ND		23	2.0	ug/L		11/04/16 07:03	11/07/16 20:07	5
Naphthalene	ND		23	3.5	ug/L		11/04/16 07:03	11/07/16 20:07	5
Nitrobenzene	ND		23	1.3	ug/L		11/04/16 07:03	11/07/16 20:07	5
N-Nitrosodi-n-propylamine	ND		23	2.5	ug/L		11/04/16 07:03	11/07/16 20:07	5
N-Nitrosodiphenylamine	ND		23	2.4	ug/L		11/04/16 07:03	11/07/16 20:07	5
Pentachlorophenol	ND		46	10	ug/L		11/04/16 07:03	11/07/16 20:07	5
Phenanthrene	ND		23	2.0	ug/L		11/04/16 07:03	11/07/16 20:07	5
Phenol	ND		23	1.8	ug/L		11/04/16 07:03	11/07/16 20:07	5
Pyrene	ND		23	1.6	ug/L		11/04/16 07:03	11/07/16 20:07	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	68		52 - 132	11/04/16 07:03	11/07/16 20:07	5
2-Fluorobiphenyl	82		48 - 120	11/04/16 07:03	11/07/16 20:07	5
2-Fluorophenol	58		20 - 120	11/04/16 07:03	11/07/16 20:07	5
Nitrobenzene-d5	69		46 - 120	11/04/16 07:03	11/07/16 20:07	5
Phenol-d5	43		16 - 120	11/04/16 07:03	11/07/16 20:07	5
p-Terphenyl-d14	75		67 - 150	11/04/16 07:03	11/07/16 20:07	5

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-108913-3

Date Collected: 11/02/16 00:00

Matrix: Water

Date Received: 11/02/16 16:15

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			11/13/16 23:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/13/16 23:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/13/16 23:41	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/13/16 23:41	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/13/16 23:41	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/13/16 23:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/13/16 23:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/13/16 23:41	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/13/16 23:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/13/16 23:41	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/13/16 23:41	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/13/16 23:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/13/16 23:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/13/16 23:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/13/16 23:41	1
2-Hexanone	ND		5.0	1.2	ug/L			11/13/16 23:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/13/16 23:41	1
Acetone	ND		10	3.0	ug/L			11/13/16 23:41	1
Benzene	ND		1.0	0.41	ug/L			11/13/16 23:41	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/13/16 23:41	1
Bromoform	ND		1.0	0.26	ug/L			11/13/16 23:41	1
Bromomethane	ND		1.0	0.69	ug/L			11/13/16 23:41	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/13/16 23:41	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/13/16 23:41	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/13/16 23:41	1
Chloroethane	ND		1.0	0.32	ug/L			11/13/16 23:41	1
Chloroform	ND		1.0	0.34	ug/L			11/13/16 23:41	1
Chloromethane	ND		1.0	0.35	ug/L			11/13/16 23:41	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/13/16 23:41	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/13/16 23:41	1
Cyclohexane	ND		1.0	0.18	ug/L			11/13/16 23:41	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/13/16 23:41	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/13/16 23:41	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/13/16 23:41	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/13/16 23:41	1
Methyl acetate	ND		2.5	1.3	ug/L			11/13/16 23:41	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/13/16 23:41	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/13/16 23:41	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/13/16 23:41	1
Styrene	ND		1.0	0.73	ug/L			11/13/16 23:41	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/13/16 23:41	1
Toluene	ND		1.0	0.51	ug/L			11/13/16 23:41	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/13/16 23:41	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/13/16 23:41	1
Trichloroethene	ND		1.0	0.46	ug/L			11/13/16 23:41	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/13/16 23:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/13/16 23:41	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/13/16 23:41	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-108913-3

Date Collected: 11/02/16 00:00

Matrix: Water

Date Received: 11/02/16 16:15

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		11/13/16 23:41	1
4-Bromofluorobenzene (Surr)	93		73 - 120		11/13/16 23:41	1
Toluene-d8 (Surr)	96		80 - 120		11/13/16 23:41	1
Dibromofluoromethane (Surr)	100		75 - 123		11/13/16 23:41	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-108913-1	BCC Area E DMH-E31 D_1116	101	105	96	105
480-108913-2	BCC Area E DMH-E31_1116	106	96	97	104
480-108913-2 MS	BCC Area E DMH-E31 MS_1116	99	95	95	101
480-108913-2 MSD	BCC Area E DMH-E31 MSD_1116	105	94	95	111
480-108913-3	TRIP BLANK	101	93	96	100
LCS 480-331348/4	Lab Control Sample	99	95	96	98
LCS 480-331354/4	Lab Control Sample	98	103	96	102
MB 480-331348/6	Method Blank	105	94	95	103
MB 480-331354/6	Method Blank	101	105	96	107

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: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-108913-1	BCC Area E DMH-E31 D_1116	76	85	56	70	41	74
480-108913-2	BCC Area E DMH-E31_1116	68	82	58	69	43	75
480-108913-2 MS	BCC Area E DMH-E31 MS_1116	78	80	53	65	43	60 X
480-108913-2 MSD	BCC Area E DMH-E31 MSD_1116	84	87	58	74	46	63 X
LCS 480-329627/2-A	Lab Control Sample	66	74	55	61	43	86
MB 480-329627/1-A	Method Blank	56	68	47	56	35	87

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPH = p-Terphenyl-d14

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-331348/6

Matrix: Water

Analysis Batch: 331348

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			11/13/16 22:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/13/16 22:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/13/16 22:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/13/16 22:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/13/16 22:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/13/16 22:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/13/16 22:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/13/16 22:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/13/16 22:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/13/16 22:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/13/16 22:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/13/16 22:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/13/16 22:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/13/16 22:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/13/16 22:05	1
2-Hexanone	ND		5.0	1.2	ug/L			11/13/16 22:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/13/16 22:05	1
Acetone	ND		10	3.0	ug/L			11/13/16 22:05	1
Benzene	ND		1.0	0.41	ug/L			11/13/16 22:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/13/16 22:05	1
Bromoform	ND		1.0	0.26	ug/L			11/13/16 22:05	1
Bromomethane	ND		1.0	0.69	ug/L			11/13/16 22:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/13/16 22:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/13/16 22:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/13/16 22:05	1
Chloroethane	ND		1.0	0.32	ug/L			11/13/16 22:05	1
Chloroform	ND		1.0	0.34	ug/L			11/13/16 22:05	1
Chloromethane	ND		1.0	0.35	ug/L			11/13/16 22:05	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/13/16 22:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/13/16 22:05	1
Cyclohexane	ND		1.0	0.18	ug/L			11/13/16 22:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/13/16 22:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/13/16 22:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/13/16 22:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/13/16 22:05	1
Methyl acetate	ND		2.5	1.3	ug/L			11/13/16 22:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/13/16 22:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/13/16 22:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/13/16 22:05	1
Styrene	ND		1.0	0.73	ug/L			11/13/16 22:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/13/16 22:05	1
Toluene	ND		1.0	0.51	ug/L			11/13/16 22:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/13/16 22:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/13/16 22:05	1
Trichloroethene	ND		1.0	0.46	ug/L			11/13/16 22:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/13/16 22:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/13/16 22:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/13/16 22:05	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

<i>Surrogate</i>	<i>MB %Recovery</i>	<i>MB Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		11/13/16 22:05	1
4-Bromofluorobenzene (Surr)	94		73 - 120		11/13/16 22:05	1
Toluene-d8 (Surr)	95		80 - 120		11/13/16 22:05	1
Dibromofluoromethane (Surr)	103		75 - 123		11/13/16 22:05	1

Lab Sample ID: LCS 480-331348/4

Matrix: Water

Analysis Batch: 331348

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

<i>Analyte</i>	<i>Spike Added</i>	<i>LCS Result</i>	<i>LCS Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec. Limits</i>
1,1,1-Trichloroethane	25.0	27.0		ug/L		108	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.6		ug/L		95	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.6		ug/L		114	61 - 148
1,1,2-Trichloroethane	25.0	22.1		ug/L		88	76 - 122
1,1-Dichloroethane	25.0	26.4		ug/L		106	77 - 120
1,1-Dichloroethene	25.0	27.4		ug/L		110	66 - 127
1,2,4-Trichlorobenzene	25.0	25.2		ug/L		101	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	20.0		ug/L		80	56 - 134
1,2-Dibromoethane	25.0	23.1		ug/L		92	77 - 120
1,2-Dichlorobenzene	25.0	26.6		ug/L		107	80 - 124
1,2-Dichloroethane	25.0	24.1		ug/L		96	75 - 120
1,2-Dichloropropane	25.0	26.3		ug/L		105	76 - 120
1,3-Dichlorobenzene	25.0	26.9		ug/L		107	77 - 120
1,4-Dichlorobenzene	25.0	26.3		ug/L		105	80 - 120
2-Butanone (MEK)	125	116		ug/L		93	57 - 140
2-Hexanone	125	111		ug/L		89	65 - 127
4-Methyl-2-pentanone (MIBK)	125	110		ug/L		88	71 - 125
Acetone	125	136		ug/L		109	56 - 142
Benzene	25.0	26.8		ug/L		107	71 - 124
Bromodichloromethane	25.0	25.0		ug/L		100	80 - 122
Bromoform	25.0	18.3		ug/L		73	61 - 132
Bromomethane	25.0	22.8		ug/L		91	55 - 144
Carbon disulfide	25.0	26.2		ug/L		105	59 - 134
Carbon tetrachloride	25.0	26.7		ug/L		107	72 - 134
Chlorobenzene	25.0	25.0		ug/L		100	80 - 120
Chloroethane	25.0	22.1		ug/L		88	69 - 136
Chloroform	25.0	26.1		ug/L		104	73 - 127
Chloromethane	25.0	19.4		ug/L		78	68 - 124
cis-1,2-Dichloroethene	25.0	27.2		ug/L		109	74 - 124
cis-1,3-Dichloropropene	25.0	23.0		ug/L		92	74 - 124
Cyclohexane	25.0	27.2		ug/L		109	59 - 135
Dibromochloromethane	25.0	22.4		ug/L		90	75 - 125
Dichlorodifluoromethane	25.0	15.8		ug/L		63	59 - 135
Ethylbenzene	25.0	25.0		ug/L		100	77 - 123
Isopropylbenzene	25.0	27.2		ug/L		109	77 - 122
Methyl acetate	125	115		ug/L		92	74 - 133
Methyl tert-butyl ether	25.0	23.8		ug/L		95	77 - 120
Methylcyclohexane	25.0	28.8		ug/L		115	68 - 134
Methylene Chloride	25.0	24.7		ug/L		99	75 - 124
Styrene	25.0	24.9		ug/L		99	80 - 120
Tetrachloroethene	25.0	25.6		ug/L		102	74 - 122
Toluene	25.0	25.1		ug/L		101	80 - 122
trans-1,2-Dichloroethene	25.0	27.0		ug/L		108	73 - 127

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-331348/4

Matrix: Water

Analysis Batch: 331348

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	22.2		ug/L		89	80 - 120
Trichloroethene	25.0	25.8		ug/L		103	74 - 123
Trichlorofluoromethane	25.0	25.9		ug/L		103	62 - 150
Vinyl chloride	25.0	21.0		ug/L		84	65 - 133
Xylenes, Total	50.0	50.7		ug/L		101	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		77 - 120
4-Bromofluorobenzene (Surr)	95		73 - 120
Toluene-d8 (Surr)	96		80 - 120
Dibromofluoromethane (Surr)	98		75 - 123

Lab Sample ID: 480-108913-2 MS

Matrix: Water

Analysis Batch: 331348

Client Sample ID: BCC Area E DMH-E31 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	F1	25.0	32.0	F1	ug/L		128	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	25.4		ug/L		102	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F1	25.0	33.2		ug/L		133	61 - 148
1,1,2-Trichloroethane	ND		25.0	25.8		ug/L		103	76 - 122
1,1-Dichloroethane	ND	F1	25.0	29.6		ug/L		118	77 - 120
1,1-Dichloroethene	ND	F1	25.0	32.0	F1	ug/L		128	66 - 127
1,2,4-Trichlorobenzene	7.5		25.0	34.1		ug/L		106	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	22.9		ug/L		92	56 - 134
1,2-Dibromoethane	ND		25.0	25.5		ug/L		102	77 - 120
1,2-Dichlorobenzene	8.8		25.0	36.1		ug/L		109	80 - 124
1,2-Dichloroethane	ND		25.0	27.0		ug/L		108	75 - 120
1,2-Dichloropropane	ND		25.0	28.1		ug/L		112	76 - 120
1,3-Dichlorobenzene	6.6		25.0	34.7		ug/L		112	77 - 120
1,4-Dichlorobenzene	18		25.0	44.5		ug/L		108	78 - 124
2-Butanone (MEK)	2.1	J	125	123		ug/L		97	57 - 140
2-Hexanone	ND		125	119		ug/L		95	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	122		ug/L		98	71 - 125
Acetone	5.7	J	125	131		ug/L		100	56 - 142
Benzene	ND	F1	25.0	29.6		ug/L		118	71 - 124
Bromodichloromethane	ND		25.0	27.2		ug/L		109	80 - 122
Bromoform	ND		25.0	19.0		ug/L		76	61 - 132
Bromomethane	ND		25.0	29.5		ug/L		118	55 - 144
Carbon disulfide	ND		25.0	29.5		ug/L		118	59 - 134
Carbon tetrachloride	ND	F1	25.0	31.6		ug/L		126	72 - 134
Chlorobenzene	13		25.0	39.3		ug/L		104	80 - 120
Chloroethane	ND		25.0	27.6		ug/L		111	69 - 136
Chloroform	ND		25.0	28.0		ug/L		112	73 - 127
Chloromethane	ND		25.0	25.9		ug/L		104	68 - 124
cis-1,2-Dichloroethene	ND		25.0	30.5		ug/L		122	74 - 124
cis-1,3-Dichloropropene	ND		25.0	24.0		ug/L		96	74 - 124

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-108913-2 MS

Matrix: Water

Analysis Batch: 331348

Client Sample ID: BCC Area E DMH-E31 MS_1116

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyclohexane	ND	F1	25.0	32.4		ug/L		130	59 - 135
Dibromochloromethane	ND		25.0	24.0		ug/L		96	75 - 125
Dichlorodifluoromethane	ND		25.0	26.8		ug/L		107	59 - 135
Ethylbenzene	ND		25.0	28.3		ug/L		113	77 - 123
Isopropylbenzene	ND		25.0	29.5		ug/L		118	77 - 122
Methyl acetate	ND		125	124		ug/L		99	74 - 133
Methyl tert-butyl ether	ND		25.0	25.8		ug/L		103	77 - 120
Methylcyclohexane	ND	F1	25.0	32.4		ug/L		130	68 - 134
Methylene Chloride	ND		25.0	27.1		ug/L		108	75 - 124
Styrene	ND		25.0	26.1		ug/L		104	80 - 120
Tetrachloroethene	ND	F1	25.0	30.4		ug/L		122	74 - 122
Toluene	ND		25.0	27.7		ug/L		111	80 - 122
trans-1,2-Dichloroethene	ND	F1	25.0	32.0	F1	ug/L		128	73 - 127
trans-1,3-Dichloropropene	ND		25.0	22.3		ug/L		89	80 - 120
Trichloroethene	ND		25.0	29.2		ug/L		117	74 - 123
Trichlorofluoromethane	ND		25.0	31.0		ug/L		124	62 - 150
Vinyl chloride	ND		25.0	28.7		ug/L		115	65 - 133
Xylenes, Total	ND		50.0	57.1		ug/L		114	76 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		77 - 120
4-Bromofluorobenzene (Surr)	95		73 - 120
Toluene-d8 (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	101		75 - 123

Lab Sample ID: 480-108913-2 MSD

Matrix: Water

Analysis Batch: 331348

Client Sample ID: BCC Area E DMH-E31 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	F1	25.0	33.6	F1	ug/L		134	73 - 126	5	15
1,1,2,2-Tetrachloroethane	ND		25.0	24.6		ug/L		98	76 - 120	3	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F1	25.0	38.0	F1	ug/L		152	61 - 148	13	20
1,1,2-Trichloroethane	ND		25.0	26.4		ug/L		106	76 - 122	2	15
1,1-Dichloroethane	ND	F1	25.0	30.9	F1	ug/L		124	77 - 120	4	20
1,1-Dichloroethene	ND	F1	25.0	35.5	F1	ug/L		142	66 - 127	10	16
1,2,4-Trichlorobenzene	7.5		25.0	33.9		ug/L		106	79 - 122	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	24.0		ug/L		96	56 - 134	5	15
1,2-Dibromoethane	ND		25.0	25.9		ug/L		104	77 - 120	2	15
1,2-Dichlorobenzene	8.8		25.0	37.1		ug/L		113	80 - 124	3	20
1,2-Dichloroethane	ND		25.0	28.0		ug/L		112	75 - 120	4	20
1,2-Dichloropropane	ND		25.0	29.0		ug/L		116	76 - 120	3	20
1,3-Dichlorobenzene	6.6		25.0	33.8		ug/L		109	77 - 120	2	20
1,4-Dichlorobenzene	18		25.0	45.8		ug/L		113	78 - 124	3	20
2-Butanone (MEK)	2.1	J	125	128		ug/L		101	57 - 140	4	20
2-Hexanone	ND		125	122		ug/L		98	65 - 127	3	15
4-Methyl-2-pentanone (MIBK)	ND		125	126		ug/L		101	71 - 125	3	35

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-108913-2 MSD

Matrix: Water

Analysis Batch: 331348

Client Sample ID: BCC Area E DMH-E31 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
Acetone	5.7	J	125	143		ug/L		109	56 - 142	8	15
Benzene	ND	F1	25.0	31.5	F1	ug/L		126	71 - 124	6	13
Bromodichloromethane	ND		25.0	28.5		ug/L		114	80 - 122	5	15
Bromoform	ND		25.0	20.5		ug/L		82	61 - 132	8	15
Bromomethane	ND		25.0	30.4		ug/L		121	55 - 144	3	15
Carbon disulfide	ND		25.0	32.1		ug/L		128	59 - 134	8	15
Carbon tetrachloride	ND	F1	25.0	35.1	F1	ug/L		140	72 - 134	11	15
Chlorobenzene	13		25.0	40.6		ug/L		110	80 - 120	3	25
Chloroethane	ND		25.0	30.1		ug/L		121	69 - 136	9	15
Chloroform	ND		25.0	29.5		ug/L		118	73 - 127	5	20
Chloromethane	ND		25.0	28.3		ug/L		113	68 - 124	9	15
cis-1,2-Dichloroethene	ND		25.0	30.8		ug/L		123	74 - 124	1	15
cis-1,3-Dichloropropene	ND		25.0	25.6		ug/L		102	74 - 124	6	15
Cyclohexane	ND	F1	25.0	36.2	F1	ug/L		145	59 - 135	11	20
Dibromochloromethane	ND		25.0	24.4		ug/L		98	75 - 125	1	15
Dichlorodifluoromethane	ND		25.0	30.3		ug/L		121	59 - 135	12	20
Ethylbenzene	ND		25.0	29.3		ug/L		117	77 - 123	3	15
Isopropylbenzene	ND		25.0	29.7		ug/L		119	77 - 122	1	20
Methyl acetate	ND		125	133		ug/L		106	74 - 133	7	20
Methyl tert-butyl ether	ND		25.0	27.3		ug/L		109	77 - 120	6	37
Methylcyclohexane	ND	F1	25.0	36.2	F1	ug/L		145	68 - 134	11	20
Methylene Chloride	ND		25.0	29.7		ug/L		119	75 - 124	9	15
Styrene	ND		25.0	27.6		ug/L		110	80 - 120	6	20
Tetrachloroethene	ND	F1	25.0	31.8	F1	ug/L		127	74 - 122	4	20
Toluene	ND		25.0	28.5		ug/L		114	80 - 122	3	15
trans-1,2-Dichloroethene	ND	F1	25.0	33.7	F1	ug/L		135	73 - 127	5	20
trans-1,3-Dichloropropene	ND		25.0	22.3		ug/L		89	80 - 120	0	15
Trichloroethene	ND		25.0	30.6		ug/L		122	74 - 123	5	16
Trichlorofluoromethane	ND		25.0	34.6		ug/L		138	62 - 150	11	20
Vinyl chloride	ND		25.0	31.1		ug/L		125	65 - 133	8	15
Xylenes, Total	ND		50.0	58.4		ug/L		117	76 - 122	2	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		77 - 120
4-Bromofluorobenzene (Surr)	94		73 - 120
Toluene-d8 (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	111		75 - 123

Lab Sample ID: MB 480-331354/6

Matrix: Water

Analysis Batch: 331354

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			11/13/16 21:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/13/16 21:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/13/16 21:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/13/16 21:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/13/16 21:52	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-331354/6

Matrix: Water

Analysis Batch: 331354

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			11/13/16 21:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/13/16 21:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/13/16 21:52	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/13/16 21:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/13/16 21:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/13/16 21:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/13/16 21:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/13/16 21:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/13/16 21:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/13/16 21:52	1
2-Hexanone	ND		5.0	1.2	ug/L			11/13/16 21:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/13/16 21:52	1
Acetone	ND		10	3.0	ug/L			11/13/16 21:52	1
Benzene	ND		1.0	0.41	ug/L			11/13/16 21:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/13/16 21:52	1
Bromoform	ND		1.0	0.26	ug/L			11/13/16 21:52	1
Bromomethane	ND		1.0	0.69	ug/L			11/13/16 21:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/13/16 21:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/13/16 21:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/13/16 21:52	1
Chloroethane	ND		1.0	0.32	ug/L			11/13/16 21:52	1
Chloroform	ND		1.0	0.34	ug/L			11/13/16 21:52	1
Chloromethane	ND		1.0	0.35	ug/L			11/13/16 21:52	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/13/16 21:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/13/16 21:52	1
Cyclohexane	ND		1.0	0.18	ug/L			11/13/16 21:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/13/16 21:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/13/16 21:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/13/16 21:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/13/16 21:52	1
Methyl acetate	ND		2.5	1.3	ug/L			11/13/16 21:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/13/16 21:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/13/16 21:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/13/16 21:52	1
Styrene	ND		1.0	0.73	ug/L			11/13/16 21:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/13/16 21:52	1
Toluene	ND		1.0	0.51	ug/L			11/13/16 21:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/13/16 21:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/13/16 21:52	1
Trichloroethene	ND		1.0	0.46	ug/L			11/13/16 21:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/13/16 21:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/13/16 21:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/13/16 21:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		11/13/16 21:52	1
4-Bromofluorobenzene (Surr)	105		73 - 120		11/13/16 21:52	1
Toluene-d8 (Surr)	96		80 - 120		11/13/16 21:52	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-331354/6

Matrix: Water

Analysis Batch: 331354

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	107		75 - 123		11/13/16 21:52	1

Lab Sample ID: LCS 480-331354/4

Matrix: Water

Analysis Batch: 331354

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	29.0		ug/L		116	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.8		ug/L		99	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.6		ug/L		114	61 - 148
1,1,2-Trichloroethane	25.0	24.5		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	26.7		ug/L		107	77 - 120
1,1-Dichloroethene	25.0	26.8		ug/L		107	66 - 127
1,2,4-Trichlorobenzene	25.0	24.7		ug/L		99	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	24.8		ug/L		99	56 - 134
1,2-Dibromoethane	25.0	24.3		ug/L		97	77 - 120
1,2-Dichlorobenzene	25.0	24.8		ug/L		99	80 - 124
1,2-Dichloroethane	25.0	25.4		ug/L		102	75 - 120
1,2-Dichloropropane	25.0	26.2		ug/L		105	76 - 120
1,3-Dichlorobenzene	25.0	25.0		ug/L		100	77 - 120
1,4-Dichlorobenzene	25.0	25.3		ug/L		101	80 - 120
2-Butanone (MEK)	125	149		ug/L		119	57 - 140
2-Hexanone	125	132		ug/L		106	65 - 127
4-Methyl-2-pentanone (MIBK)	125	127		ug/L		102	71 - 125
Acetone	125	187 *		ug/L		150	56 - 142
Benzene	25.0	26.0		ug/L		104	71 - 124
Bromodichloromethane	25.0	26.4		ug/L		106	80 - 122
Bromoform	25.0	25.0		ug/L		100	61 - 132
Bromomethane	25.0	25.9		ug/L		103	55 - 144
Carbon disulfide	25.0	25.5		ug/L		102	59 - 134
Carbon tetrachloride	25.0	28.6		ug/L		114	72 - 134
Chlorobenzene	25.0	25.5		ug/L		102	80 - 120
Chloroethane	25.0	25.6		ug/L		103	69 - 136
Chloroform	25.0	26.4		ug/L		106	73 - 127
Chloromethane	25.0	19.7		ug/L		79	68 - 124
cis-1,2-Dichloroethene	25.0	26.7		ug/L		107	74 - 124
cis-1,3-Dichloropropene	25.0	26.0		ug/L		104	74 - 124
Cyclohexane	25.0	26.9		ug/L		108	59 - 135
Dibromochloromethane	25.0	25.5		ug/L		102	75 - 125
Dichlorodifluoromethane	25.0	18.0		ug/L		72	59 - 135
Ethylbenzene	25.0	26.1		ug/L		105	77 - 123
Isopropylbenzene	25.0	25.2		ug/L		101	77 - 122
Methyl acetate	125	125		ug/L		100	74 - 133
Methyl tert-butyl ether	25.0	25.7		ug/L		103	77 - 120
Methylcyclohexane	25.0	28.6		ug/L		114	68 - 134
Methylene Chloride	25.0	25.4		ug/L		102	75 - 124
Styrene	25.0	25.7		ug/L		103	80 - 120

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-331354/4

Matrix: Water

Analysis Batch: 331354

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	27.0		ug/L		108	74 - 122
Toluene	25.0	25.6		ug/L		102	80 - 122
trans-1,2-Dichloroethene	25.0	27.0		ug/L		108	73 - 127
trans-1,3-Dichloropropene	25.0	24.7		ug/L		99	80 - 120
Trichloroethene	25.0	26.9		ug/L		108	74 - 123
Trichlorofluoromethane	25.0	31.6		ug/L		126	62 - 150
Vinyl chloride	25.0	23.3		ug/L		93	65 - 133
Xylenes, Total	50.0	52.0		ug/L		104	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		77 - 120
4-Bromofluorobenzene (Surr)	103		73 - 120
Toluene-d8 (Surr)	96		80 - 120
Dibromofluoromethane (Surr)	102		75 - 123

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-329627/1-A

Matrix: Water

Analysis Batch: 330138

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 329627

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/16 07:03	11/07/16 16:47	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/16 07:03	11/07/16 16:47	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/16 07:03	11/07/16 16:47	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/16 07:03	11/07/16 16:47	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/16 07:03	11/07/16 16:47	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/16 07:03	11/07/16 16:47	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/16 07:03	11/07/16 16:47	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/16 07:03	11/07/16 16:47	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/16 07:03	11/07/16 16:47	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/16 07:03	11/07/16 16:47	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/16 07:03	11/07/16 16:47	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/16 07:03	11/07/16 16:47	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/16 07:03	11/07/16 16:47	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/16 07:03	11/07/16 16:47	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/16 07:03	11/07/16 16:47	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/16 07:03	11/07/16 16:47	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/16 07:03	11/07/16 16:47	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/16 07:03	11/07/16 16:47	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/16 07:03	11/07/16 16:47	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/16 07:03	11/07/16 16:47	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/16 07:03	11/07/16 16:47	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/16 07:03	11/07/16 16:47	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/16 07:03	11/07/16 16:47	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/16 07:03	11/07/16 16:47	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/16 07:03	11/07/16 16:47	1
Acetophenone	ND		5.0	0.54	ug/L		11/04/16 07:03	11/07/16 16:47	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-329627/1-A

Matrix: Water

Analysis Batch: 330138

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 329627

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	ND		10	0.61	ug/L		11/04/16 07:03	11/07/16 16:47	1
Anthracene	ND		5.0	0.28	ug/L		11/04/16 07:03	11/07/16 16:47	1
Atrazine	ND		5.0	0.46	ug/L		11/04/16 07:03	11/07/16 16:47	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/04/16 07:03	11/07/16 16:47	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/04/16 07:03	11/07/16 16:47	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/04/16 07:03	11/07/16 16:47	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/04/16 07:03	11/07/16 16:47	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/04/16 07:03	11/07/16 16:47	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/04/16 07:03	11/07/16 16:47	1
Biphenyl	ND		5.0	0.65	ug/L		11/04/16 07:03	11/07/16 16:47	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/16 07:03	11/07/16 16:47	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/16 07:03	11/07/16 16:47	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/16 07:03	11/07/16 16:47	1
Bis(2-ethylhexyl) phthalate	13.1		5.0	2.2	ug/L		11/04/16 07:03	11/07/16 16:47	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/04/16 07:03	11/07/16 16:47	1
Caprolactam	ND		5.0	2.2	ug/L		11/04/16 07:03	11/07/16 16:47	1
Carbazole	ND		5.0	0.30	ug/L		11/04/16 07:03	11/07/16 16:47	1
Chrysene	ND		5.0	0.33	ug/L		11/04/16 07:03	11/07/16 16:47	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/16 07:03	11/07/16 16:47	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/16 07:03	11/07/16 16:47	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/04/16 07:03	11/07/16 16:47	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/16 07:03	11/07/16 16:47	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/04/16 07:03	11/07/16 16:47	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/16 07:03	11/07/16 16:47	1
Fluoranthene	ND		5.0	0.40	ug/L		11/04/16 07:03	11/07/16 16:47	1
Fluorene	ND		5.0	0.36	ug/L		11/04/16 07:03	11/07/16 16:47	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/16 07:03	11/07/16 16:47	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/16 07:03	11/07/16 16:47	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/16 07:03	11/07/16 16:47	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/16 07:03	11/07/16 16:47	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/04/16 07:03	11/07/16 16:47	1
Isophorone	ND		5.0	0.43	ug/L		11/04/16 07:03	11/07/16 16:47	1
Naphthalene	ND		5.0	0.76	ug/L		11/04/16 07:03	11/07/16 16:47	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/16 07:03	11/07/16 16:47	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/16 07:03	11/07/16 16:47	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/04/16 07:03	11/07/16 16:47	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/16 07:03	11/07/16 16:47	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/16 07:03	11/07/16 16:47	1
Phenol	ND		5.0	0.39	ug/L		11/04/16 07:03	11/07/16 16:47	1
Pyrene	ND		5.0	0.34	ug/L		11/04/16 07:03	11/07/16 16:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	56		52 - 132	11/04/16 07:03	11/07/16 16:47	1
2-Fluorobiphenyl	68		48 - 120	11/04/16 07:03	11/07/16 16:47	1
2-Fluorophenol	47		20 - 120	11/04/16 07:03	11/07/16 16:47	1
Nitrobenzene-d5	56		46 - 120	11/04/16 07:03	11/07/16 16:47	1
Phenol-d5	35		16 - 120	11/04/16 07:03	11/07/16 16:47	1
p-Terphenyl-d14	87		67 - 150	11/04/16 07:03	11/07/16 16:47	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Lab Sample ID: LCS 480-329627/2-A

Matrix: Water

Analysis Batch: 330138

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 329627

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	16.0	14.1		ug/L		88	65 - 126
2,4,6-Trichlorophenol	16.0	12.7		ug/L		79	64 - 120
2,4-Dichlorophenol	16.0	12.7		ug/L		79	64 - 120
2,4-Dimethylphenol	16.0	11.1		ug/L		70	57 - 120
2,4-Dinitrophenol	32.0	28.5		ug/L		89	42 - 153
2,4-Dinitrotoluene	16.0	12.6		ug/L		79	65 - 154
2,6-Dinitrotoluene	16.0	13.4		ug/L		84	74 - 134
2-Chloronaphthalene	16.0	11.5		ug/L		72	41 - 124
2-Chlorophenol	16.0	10.7		ug/L		67	48 - 120
2-Methylnaphthalene	16.0	11.9		ug/L		74	34 - 122
2-Methylphenol	16.0	9.99		ug/L		62	39 - 120
2-Nitroaniline	16.0	10.7		ug/L		67	67 - 136
2-Nitrophenol	16.0	12.6		ug/L		79	59 - 120
3,3'-Dichlorobenzidine	32.0	25.9		ug/L		81	33 - 140
3-Nitroaniline	16.0	12.0		ug/L		75	28 - 130
4,6-Dinitro-2-methylphenol	32.0	28.1		ug/L		88	64 - 159
4-Bromophenyl phenyl ether	16.0	12.8		ug/L		80	71 - 126
4-Chloro-3-methylphenol	16.0	12.2		ug/L		76	64 - 120
4-Chloroaniline	16.0	9.73		ug/L		61	10 - 130
4-Chlorophenyl phenyl ether	16.0	12.8		ug/L		80	71 - 122
4-Methylphenol	16.0	9.84	J	ug/L		61	39 - 120
4-Nitroaniline	16.0	11.3		ug/L		70	47 - 130
4-Nitrophenol	32.0	20.4		ug/L		64	16 - 120
Acenaphthene	16.0	11.8		ug/L		74	60 - 120
Acenaphthylene	16.0	11.9		ug/L		74	63 - 120
Acetophenone	16.0	10.5		ug/L		66	45 - 120
Aniline	16.0	7.09	J	ug/L		44	37 - 120
Anthracene	16.0	12.1		ug/L		76	58 - 148
Atrazine	32.0	30.4		ug/L		95	56 - 179
Benzaldehyde	32.0	14.8		ug/L		46	30 - 140
Benzo(a)anthracene	16.0	13.5		ug/L		84	55 - 151
Benzo(a)pyrene	16.0	12.2		ug/L		76	60 - 145
Benzo(b)fluoranthene	16.0	13.8		ug/L		86	54 - 140
Benzo(g,h,i)perylene	16.0	13.5		ug/L		84	66 - 152
Benzo(k)fluoranthene	16.0	12.6		ug/L		79	51 - 153
Biphenyl	16.0	11.6		ug/L		73	30 - 140
bis (2-chloroisopropyl) ether	16.0	12.7		ug/L		80	28 - 136
Bis(2-chloroethoxy)methane	16.0	10.4		ug/L		65	50 - 128
Bis(2-chloroethyl)ether	16.0	9.59		ug/L		60	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	13.2		ug/L		83	53 - 158
Butyl benzyl phthalate	16.0	12.8		ug/L		80	58 - 163
Caprolactam	32.0	11.3		ug/L		35	14 - 130
Carbazole	16.0	13.3		ug/L		83	59 - 148
Chrysene	16.0	13.5		ug/L		84	69 - 140
Dibenz(a,h)anthracene	16.0	13.1		ug/L		82	57 - 148
Dibenzofuran	16.0	12.5		ug/L		78	49 - 137
Diethyl phthalate	16.0	12.7		ug/L		79	59 - 146
Dimethyl phthalate	16.0	13.1		ug/L		82	59 - 141
Di-n-butyl phthalate	16.0	12.7		ug/L		79	58 - 149
Di-n-octyl phthalate	16.0	12.7		ug/L		79	55 - 167

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-329627/2-A

Matrix: Water

Analysis Batch: 330138

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 329627

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoranthene	16.0	13.8		ug/L		86	55 - 147
Fluorene	16.0	12.3		ug/L		77	55 - 143
Hexachlorobenzene	16.0	11.5		ug/L		72	14 - 130
Hexachlorobutadiene	16.0	10.7		ug/L		67	14 - 130
Hexachlorocyclopentadiene	16.0	9.45		ug/L		59	13 - 130
Hexachloroethane	16.0	9.39		ug/L		59	14 - 130
Indeno(1,2,3-cd)pyrene	16.0	13.2		ug/L		83	69 - 146
Isophorone	16.0	10.1		ug/L		63	48 - 133
Naphthalene	16.0	11.3		ug/L		71	35 - 130
Nitrobenzene	16.0	9.66		ug/L		60	45 - 123
N-Nitrosodi-n-propylamine	16.0	9.39		ug/L		59	56 - 120
N-Nitrosodiphenylamine	16.0	12.2		ug/L		76	25 - 125
Pentachlorophenol	32.0	17.9		ug/L		56	39 - 136
Phenanthrene	16.0	12.5		ug/L		78	57 - 147
Phenol	16.0	6.73		ug/L		42	17 - 120
Pyrene	16.0	13.5		ug/L		84	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	66		52 - 132
2-Fluorobiphenyl	74		48 - 120
2-Fluorophenol	55		20 - 120
Nitrobenzene-d5	61		46 - 120
Phenol-d5	43		16 - 120
p-Terphenyl-d14	86		67 - 150

Lab Sample ID: 480-108913-2 MS

Matrix: Water

Analysis Batch: 330138

Client Sample ID: BCC Area E DMH-E31 MS_1116

Prep Type: Total/NA

Prep Batch: 329627

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		14.9	13.3	J	ug/L		90	65 - 126
2,4,6-Trichlorophenol	ND		14.9	11.5	J	ug/L		77	64 - 120
2,4-Dichlorophenol	ND		14.9	12.3	J	ug/L		83	64 - 120
2,4-Dimethylphenol	ND		14.9	10.6	J	ug/L		72	57 - 120
2,4-Dinitrophenol	ND		29.7	39.2	J	ug/L		132	42 - 153
2,4-Dinitrotoluene	4.3	J	14.9	15.2	J	ug/L		73	62 - 148
2,6-Dinitrotoluene	10	J	14.9	24.7		ug/L		98	65 - 154
2-Chloronaphthalene	ND		14.9	11.2	J	ug/L		75	41 - 124
2-Chlorophenol	ND		14.9	10.7	J	ug/L		72	48 - 120
2-Methylnaphthalene	ND		14.9	12.0	J	ug/L		81	34 - 122
2-Methylphenol	ND		14.9	9.80	J	ug/L		66	39 - 120
2-Nitroaniline	ND		14.9	10.8	J	ug/L		73	67 - 136
2-Nitrophenol	ND		14.9	12.1	J	ug/L		81	59 - 120
3,3'-Dichlorobenzidine	ND		29.7	18.4	J	ug/L		62	33 - 140
3-Nitroaniline	ND		14.9	10.8	J	ug/L		73	69 - 129
4,6-Dinitro-2-methylphenol	ND		29.7	42.4	J	ug/L		142	64 - 159
4-Bromophenyl phenyl ether	ND		14.9	13.7	J	ug/L		92	71 - 126
4-Chloro-3-methylphenol	ND		14.9	11.7	J	ug/L		79	64 - 120

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-108913-2 MS

Matrix: Water

Analysis Batch: 330138

Client Sample ID: BCC Area E DMH-E31 MS_1116

Prep Type: Total/NA

Prep Batch: 329627

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chloroaniline	ND		14.9	9.89	J	ug/L		67	60 - 124
4-Chlorophenyl phenyl ether	ND		14.9	12.7	J	ug/L		86	48 - 145
4-Methylphenol	ND		14.9	9.16	J	ug/L		62	36 - 120
4-Nitroaniline	ND		14.9	10.8	J	ug/L		72	64 - 135
4-Nitrophenol	ND		29.7	21.3	J	ug/L		72	16 - 120
Acenaphthene	ND		14.9	12.1	J	ug/L		82	60 - 120
Acenaphthylene	ND		14.9	11.8	J	ug/L		79	63 - 120
Acetophenone	ND		14.9	10.2	J	ug/L		68	45 - 120
Aniline	ND		14.9	8.29	J	ug/L		56	37 - 120
Anthracene	ND		14.9	12.6	J	ug/L		85	58 - 148
Atrazine	ND		29.7	30.1		ug/L		101	56 - 179
Benzaldehyde	ND		29.7	13.9	J	ug/L		47	30 - 140
Benzo(a)anthracene	ND		14.9	10.1	J	ug/L		68	55 - 151
Benzo(a)pyrene	ND	F1	14.9	8.05	J F1	ug/L		54	60 - 145
Benzo(b)fluoranthene	ND		14.9	8.08	J	ug/L		54	54 - 140
Benzo(g,h,i)perylene	ND	F1	14.9	7.85	J F1	ug/L		53	66 - 152
Benzo(k)fluoranthene	ND		14.9	8.35	J	ug/L		56	51 - 153
Biphenyl	ND		14.9	11.7	J	ug/L		79	30 - 140
bis (2-chloroisopropyl) ether	ND		14.9	12.3	J	ug/L		83	28 - 136
Bis(2-chloroethoxy)methane	ND		14.9	10.2	J	ug/L		69	50 - 128
Bis(2-chloroethyl)ether	ND		14.9	9.19	J	ug/L		62	51 - 120
Bis(2-ethylhexyl) phthalate	ND	F1	14.9	ND	F1	ug/L		0	53 - 158
Butyl benzyl phthalate	ND		14.9	11.8	J	ug/L		79	58 - 163
Caprolactam	ND	F1	29.7	ND	F1	ug/L		0	30 - 140
Carbazole	ND		14.9	14.8	J	ug/L		99	59 - 148
Chrysene	ND	F1	14.9	10.1	J F1	ug/L		68	69 - 140
Dibenz(a,h)anthracene	ND	F1	14.9	7.16	J F1	ug/L		48	57 - 158
Dibenzofuran	ND		14.9	12.9	J	ug/L		87	49 - 137
Diethyl phthalate	ND		14.9	13.1	J	ug/L		88	59 - 146
Dimethyl phthalate	ND		14.9	12.9	J	ug/L		87	59 - 141
Di-n-butyl phthalate	ND		14.9	13.3	J	ug/L		89	58 - 149
Di-n-octyl phthalate	ND	F1	14.9	6.38	J F1	ug/L		43	55 - 167
Fluoranthene	ND		14.9	14.4	J	ug/L		97	55 - 147
Fluorene	ND		14.9	12.4	J	ug/L		83	55 - 143
Hexachlorobenzene	ND		14.9	12.1	J	ug/L		81	38 - 131
Hexachlorobutadiene	ND		14.9	10.8	J	ug/L		72	14 - 130
Hexachlorocyclopentadiene	ND		14.9	9.00	J	ug/L		61	13 - 130
Hexachloroethane	ND		14.9	8.75	J	ug/L		59	14 - 130
Indeno(1,2,3-cd)pyrene	ND	F1	14.9	7.31	J F1	ug/L		49	69 - 146
Isophorone	ND		14.9	10.1	J	ug/L		68	48 - 133
Naphthalene	ND		14.9	11.6	J	ug/L		78	35 - 130
Nitrobenzene	ND		14.9	9.98	J	ug/L		67	45 - 123
N-Nitrosodi-n-propylamine	ND		14.9	8.93	J	ug/L		60	56 - 120
N-Nitrosodiphenylamine	ND		14.9	13.0	J	ug/L		87	25 - 125
Pentachlorophenol	ND		29.7	20.3	J	ug/L		68	39 - 136
Phenanthrene	ND		14.9	13.6	J	ug/L		91	57 - 147
Phenol	ND		14.9	6.88	J	ug/L		46	17 - 120
Pyrene	ND		14.9	13.3	J	ug/L		89	58 - 136

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-108913-2 MS

Matrix: Water

Analysis Batch: 330138

Client Sample ID: BCC Area E DMH-E31 MS_1116

Prep Type: Total/NA

Prep Batch: 329627

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol	78		52 - 132
2-Fluorobiphenyl	80		48 - 120
2-Fluorophenol	53		20 - 120
Nitrobenzene-d5	65		46 - 120
Phenol-d5	43		16 - 120
p-Terphenyl-d14	60	X	67 - 150

Lab Sample ID: 480-108913-2 MSD

Matrix: Water

Analysis Batch: 330138

Client Sample ID: BCC Area E DMH-E31 MSD_1116

Prep Type: Total/NA

Prep Batch: 329627

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		14.8	12.9	J	ug/L		87	65 - 126	4	18
2,4,6-Trichlorophenol	ND		14.8	12.9	J	ug/L		87	64 - 120	12	19
2,4-Dichlorophenol	ND		14.8	13.1	J	ug/L		88	64 - 120	6	19
2,4-Dimethylphenol	ND		14.8	11.7	J	ug/L		79	57 - 120	10	42
2,4-Dinitrophenol	ND		29.7	43.2	J	ug/L		146	42 - 153	10	22
2,4-Dinitrotoluene	4.3	J	14.8	16.7	J	ug/L		83	62 - 148	9	20
2,6-Dinitrotoluene	10	J	14.8	26.6		ug/L		111	65 - 154	7	15
2-Chloronaphthalene	ND		14.8	12.5	J	ug/L		84	41 - 124	11	21
2-Chlorophenol	ND		14.8	11.8	J	ug/L		80	48 - 120	9	25
2-Methylnaphthalene	ND		14.8	13.0	J	ug/L		87	34 - 122	7	21
2-Methylphenol	ND		14.8	10.9	J	ug/L		74	39 - 120	11	27
2-Nitroaniline	ND		14.8	10.6	J	ug/L		71	67 - 136	2	15
2-Nitrophenol	ND		14.8	13.2	J	ug/L		89	59 - 120	9	18
3,3'-Dichlorobenzidine	ND		29.7	18.2	J	ug/L		61	33 - 140	1	25
3-Nitroaniline	ND		14.8	12.5	J	ug/L		85	69 - 129	15	19
4,6-Dinitro-2-methylphenol	ND		29.7	42.9	J	ug/L		144	64 - 159	1	15
4-Bromophenyl phenyl ether	ND		14.8	14.6	J	ug/L		99	71 - 126	6	15
4-Chloro-3-methylphenol	ND		14.8	11.9	J	ug/L		80	64 - 120	2	27
4-Chloroaniline	ND		14.8	10.7	J	ug/L		72	60 - 124	8	22
4-Chlorophenyl phenyl ether	ND		14.8	13.6	J	ug/L		92	48 - 145	7	16
4-Methylphenol	ND		14.8	9.97	J	ug/L		67	36 - 120	8	24
4-Nitroaniline	ND		14.8	12.1	J	ug/L		82	64 - 135	12	24
4-Nitrophenol	ND		29.7	22.6	J	ug/L		76	16 - 120	6	48
Acenaphthene	ND		14.8	13.6	J	ug/L		92	60 - 120	12	24
Acenaphthylene	ND		14.8	13.1	J	ug/L		88	63 - 120	10	18
Acetophenone	ND		14.8	11.1	J	ug/L		75	45 - 120	8	20
Aniline	ND		14.8	8.86	J	ug/L		60	37 - 120	7	30
Anthracene	ND		14.8	13.6	J	ug/L		92	58 - 148	7	15
Atrazine	ND		29.7	31.6		ug/L		107	56 - 179	5	20
Benzaldehyde	ND		29.7	15.7	J	ug/L		53	30 - 140	12	20
Benzo(a)anthracene	ND		14.8	10.8	J	ug/L		73	55 - 151	6	15
Benzo(a)pyrene	ND	F1	14.8	8.32	J F1	ug/L		56	60 - 145	3	15
Benzo(b)fluoranthene	ND		14.8	8.68	J	ug/L		59	54 - 140	7	15
Benzo(g,h,i)perylene	ND	F1	14.8	7.96	J F1	ug/L		54	66 - 152	1	15
Benzo(k)fluoranthene	ND		14.8	8.26	J	ug/L		56	51 - 153	1	22
Biphenyl	ND		14.8	12.8	J	ug/L		86	30 - 140	9	20

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-108913-2 MSD

Matrix: Water

Analysis Batch: 330138

Client Sample ID: BCC Area E DMH-E31 MSD_1116

Prep Type: Total/NA

Prep Batch: 329627

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
bis (2-chloroisopropyl) ether	ND		14.8	14.0	J	ug/L		94	28 - 136	13	24
Bis(2-chloroethoxy)methane	ND		14.8	11.0	J	ug/L		74	50 - 128	7	17
Bis(2-chloroethyl)ether	ND		14.8	10.7	J	ug/L		72	51 - 120	15	21
Bis(2-ethylhexyl) phthalate	ND	F1	14.8	ND	F1	ug/L		0	53 - 158	NC	15
Butyl benzyl phthalate	ND		14.8	12.7	J	ug/L		86	58 - 163	8	16
Caprolactam	ND	F1	29.7	10.0	J	ug/L		34	30 - 140	NC	20
Carbazole	ND		14.8	15.6	J	ug/L		105	59 - 148	6	20
Chrysene	ND	F1	14.8	11.1	J	ug/L		75	69 - 140	10	15
Dibenz(a,h)anthracene	ND	F1	14.8	7.32	J F1	ug/L		49	57 - 158	2	15
Dibenzofuran	ND		14.8	13.8	J	ug/L		93	49 - 137	7	15
Diethyl phthalate	ND		14.8	13.9	J	ug/L		94	59 - 146	6	15
Dimethyl phthalate	ND		14.8	13.7	J	ug/L		92	59 - 141	6	15
Di-n-butyl phthalate	ND		14.8	14.2	J	ug/L		96	58 - 149	7	15
Di-n-octyl phthalate	ND	F1	14.8	6.55	J F1	ug/L		44	55 - 167	3	16
Fluoranthene	ND		14.8	15.6	J	ug/L		105	55 - 147	8	15
Fluorene	ND		14.8	13.1	J	ug/L		88	55 - 143	6	15
Hexachlorobenzene	ND		14.8	13.0	J	ug/L		88	38 - 131	8	15
Hexachlorobutadiene	ND		14.8	12.0	J	ug/L		81	14 - 130	11	44
Hexachlorocyclopentadiene	ND		14.8	9.78	J	ug/L		66	13 - 130	8	49
Hexachloroethane	ND		14.8	10.4	J	ug/L		70	14 - 130	18	46
Indeno(1,2,3-cd)pyrene	ND	F1	14.8	7.62	J F1	ug/L		51	69 - 146	4	15
Isophorone	ND		14.8	10.9	J	ug/L		73	48 - 133	8	17
Naphthalene	ND		14.8	12.9	J	ug/L		87	35 - 130	11	29
Nitrobenzene	ND		14.8	11.3	J	ug/L		76	45 - 123	12	24
N-Nitrosodi-n-propylamine	ND		14.8	9.62	J	ug/L		65	56 - 120	7	31
N-Nitrosodiphenylamine	ND		14.8	14.1	J	ug/L		95	25 - 125	9	15
Pentachlorophenol	ND		29.7	22.2	J	ug/L		75	39 - 136	9	37
Phenanthrene	ND		14.8	14.6	J	ug/L		98	57 - 147	7	15
Phenol	ND		14.8	7.26	J	ug/L		49	17 - 120	5	34
Pyrene	ND		14.8	14.4	J	ug/L		97	58 - 136	8	19

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol	84		52 - 132
2-Fluorobiphenyl	87		48 - 120
2-Fluorophenol	58		20 - 120
Nitrobenzene-d5	74		46 - 120
Phenol-d5	46		16 - 120
p-Terphenyl-d14	63	X	67 - 150

TestAmerica Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

GC/MS VOA

Analysis Batch: 331348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-108913-2	BCC Area E DMH-E31_1116	Total/NA	Water	8260C	
480-108913-3	TRIP BLANK	Total/NA	Water	8260C	
MB 480-331348/6	Method Blank	Total/NA	Water	8260C	
LCS 480-331348/4	Lab Control Sample	Total/NA	Water	8260C	
480-108913-2 MS	BCC Area E DMH-E31 MS_1116	Total/NA	Water	8260C	
480-108913-2 MSD	BCC Area E DMH-E31 MSD_1116	Total/NA	Water	8260C	

Analysis Batch: 331354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-108913-1	BCC Area E DMH-E31 D_1116	Total/NA	Water	8260C	
MB 480-331354/6	Method Blank	Total/NA	Water	8260C	
LCS 480-331354/4	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 329627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-108913-1	BCC Area E DMH-E31 D_1116	Total/NA	Water	3510C	
480-108913-2	BCC Area E DMH-E31_1116	Total/NA	Water	3510C	
MB 480-329627/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-329627/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-108913-2 MS	BCC Area E DMH-E31 MS_1116	Total/NA	Water	3510C	
480-108913-2 MSD	BCC Area E DMH-E31 MSD_1116	Total/NA	Water	3510C	

Analysis Batch: 330138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-108913-2	BCC Area E DMH-E31_1116	Total/NA	Water	8270D	329627
MB 480-329627/1-A	Method Blank	Total/NA	Water	8270D	329627
LCS 480-329627/2-A	Lab Control Sample	Total/NA	Water	8270D	329627
480-108913-2 MS	BCC Area E DMH-E31 MS_1116	Total/NA	Water	8270D	329627
480-108913-2 MSD	BCC Area E DMH-E31 MSD_1116	Total/NA	Water	8270D	329627

Analysis Batch: 330389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-108913-1	BCC Area E DMH-E31 D_1116	Total/NA	Water	8270D	329627

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-108913-1

Client Sample ID: BCC Area E DMH-E31 D_1116

Lab Sample ID: 480-108913-1

Date Collected: 11/02/16 08:30

Matrix: Water

Date Received: 11/02/16 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	331354	11/14/16 01:07	GTG	TAL BUF
Total/NA	Prep	3510C			329627	11/04/16 07:03	SMP	TAL BUF
Total/NA	Analysis	8270D		5	330389	11/08/16 20:36	PJQ	TAL BUF

Client Sample ID: BCC Area E DMH-E31_1116

Lab Sample ID: 480-108913-2

Date Collected: 11/02/16 08:45

Matrix: Water

Date Received: 11/02/16 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	331348	11/13/16 23:17	GTG	TAL BUF
Total/NA	Prep	3510C			329627	11/04/16 07:03	SMP	TAL BUF
Total/NA	Analysis	8270D		5	330138	11/07/16 20:07	PJQ	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-108913-3

Date Collected: 11/02/16 00:00

Matrix: Water

Date Received: 11/02/16 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	331348	11/13/16 23:41	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 E Storm Sewer

TestAmerica Job ID: 480-108913-1

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 E Storm Sewer

TestAmerica Job ID: 480-108913-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF

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 E Storm Sewer

TestAmerica Job ID: 480-108913-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-108913-1	BCC Area E DMH-E31 D_1116	Water	11/02/16 08:30	11/02/16 16:15
480-108913-2	BCC Area E DMH-E31_1116	Water	11/02/16 08:45	11/02/16 16:15
480-108913-3	TRIP BLANK	Water	11/02/16 00:00	11/02/16 16:15

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 Ontario Specialty Contracting Inc. 3333 Ganson Street Buffalo, NY, 14203 716-856-3333 Phone 716-842-1630 FAX Project Name: Buffalo Color Area E Storm Sewer Site: Honeywell Buffalo Color - NYC915232 EIM SITE ID - 37745 PO# 59087		Project Manager: Schove, John Tel/Fax: (716) 912-9926 Analysis Turnaround Time Calendar (C) or Work Days (W) W ☒ TAT ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Site Contact: Tom Wagner Lab Contact: Schove, John Date: 11-2-16 Carrier: OSC COC No: 48003199.06 Job No. 0913-OMM SDG No. 480-108913 COC 			
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Sample Specific Notes:
BCC Area E DMH-E31 1116	11-2-16	0830	G	W	5	N 3 2	
BCC Area E DMH-E31D 1116	11-2-16	0845	G	W	5	N 3 2	
BCC Area E DMH-E31MS 1116	11-2-16	0900	G	W	5	N 3 2	
BCC Area E DMH-E31MSD 1116	11-2-16	0915	G	W	5	N 3 2	
Trip Blank		N/A	N/A	W	2		
						1000	
						2x 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 ☒ Unknown Special Instructions/QC Requirements & Comments:							
Container Code: A=Amber G=Glass P=Poly/Plastic S=Summa I=Tedlar V=Vial Relinquished by: Tom Wagner Relinquished by: OSC Relinquished by:							
Received by: Cassa Date/Time: 11/2/16 1615 Company:						Date/Time: 11-2-16 1615 Company:	
Received by:						Date/Time:	
Received by:						Date/Time:	

4.0 #1

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-108913-1

Login Number: 108913

List Source: TestAmerica Buffalo

List Number: 1

Creator: Conway, Curtis R

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.	N/A	
Chlorine Residual checked.	N/A	

ATTACHMENT F
GROUNDWATER SAMPLE LOGS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_ICM-PZ-02S_0616	ONTARIO SPECIALTY CONTRACTING, INC.		
WELL ID	ICM-PZ-02S	SAMPLE EVENT	AREA.E_2Q2016		SAMPLE DATE	6/15/2016
TIME	START 8:40 AM END 9:30 AM	JOB NUMBER	16011		SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	11.19 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	20.0 FT	MEASUREMENT POINT ELEVATION	585.858 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.75 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.211 GAL	TIME OF SAMPLE COLLECTION	9:15 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
8:58		11.92	160	14.04	1.400	7.16	0.00	3.50	-140.0	
9:00	0.085	12.08	160	13.86	1.490	7.16	0.00	31.70	-156.0	
9:01	0.042	12.14	160	13.70	1.490	7.15	0.00	27.30	-163.0	
9:03	0.085	12.21	160	13.62	1.490	7.15	0.00	24.70	-166.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.211

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_ICM-PZ-03S_0616	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	ICM-PZ-03S	SAMPLE EVENT	AREA.E_2Q2016	
TIME	START 9:40 AM END 10:18 AM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	11.50 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	20.0 FT	MEASUREMENT POINT ELEVATION	585.938 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.58 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.205 GAL	TIME OF SAMPLE COLLECTION	10:00 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
9:52		12.49	155	17.71	1.770	7.21	0.00	0.00	-83.0	
9:54	0.082	12.50	155	17.82	1.760	7.21	0.00	0.00	-117.0	
9:55	0.041	12.52	155	17.56	1.770	7.21	0.00	0.00	-130.0	
9:57	0.082	12.53	155	17.56	1.770	7.21	0.00	0.00	-137.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.205

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_MW-E03_0316	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	MW-E03	SAMPLE EVENT	AREA.E_1Q2016	
TIME	START 11:50 AM END 12:30 PM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	8.45 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	13.0 FT	MEASUREMENT POINT ELEVATION	588.457 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	0.78 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.246 GAL	TIME OF SAMPLE COLLECTION	12:15 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
11:59		8.88	155	9.35	0.998	6.81	2.77	4.5	128.0	
12:00	0.041	8.93	155	9.20	1.000	6.78	2.41	7.3	128.0	
12:02	0.082	9.00	155	9.17	1.010	6.77	2.22	6.7	128.0	
12:04	0.082	9.04	155	9.11	1.010	6.76	2.07	8.4	128.0	
12:05	0.041	9.16	155	9.04	1.010	6.75	2.00	7.9	129.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.246

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_MW-E03_0516	ONTARIO SPECIALTY CONTRACTING, INC.	
WELL ID	MW-E03	SAMPLE EVENT	AREA.E_2Q2016		
TIME	START 10:50 AM END 11:25 AM	JOB NUMBER	16011		
				SAMPLE DATE	5/31/2016
				SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	10.80 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	13.0 FT	MEASUREMENT POINT ELEVATION	588.457 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	0.75 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.254 GAL	TIME OF SAMPLE COLLECTION	11:15 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
11:00		11.38	160	13.43	1.020	6.93	0.40	6.5	39.0	
11:02	0.085	11.45	160	13.33	1.030	6.87	0.23	65.00	39.0	
11:03	0.042	11.50	160	13.33	1.030	6.85	0.14	27.50	39.0	
11:04	0.042	11.54	160	13.25	1.030	6.85	0.07	27.40	39.0	
11:06	0.085	11.62	160	13.17	1.030	6.85	0.05	16.9	38.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.254

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_MW-E03_0916	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	MW-E03	SAMPLE EVENT	AREA.E_3Q2016	
TIME	START 10:53 AM END 11:28 AM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	12.52 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	13.0 FT	MEASUREMENT POINT ELEVATION	588.457 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	0.75 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.169 GAL	TIME OF SAMPLE COLLECTION	11:15 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
11:00		13.62	160	17.35	1.100	6.85	0.99	28.30	73.0	
11:01	0.042	13.55	160	16.55	1.130	6.78	1.02	9.30	77.0	
11:02	0.042	13.72	160	16.49	1.140	6.76	0.92	5.20	78.0	
11:04	0.085	13.78	160	16.47	1.140	6.75	0.74	3.50	77.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.169

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_MW-E03_1116	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	MW-E03	SAMPLE EVENT	AREA.E_4Q2016	
TIME	START 10:35 AM END 11:12 AM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	12.24 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	13.0 FT	MEASUREMENT POINT ELEVATION	588.457 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	0.78 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.169 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
10:45		11.58	160	15.56	1.300	6.78	0.38	15.00	88.0	
10:47	0.085	11.66	160	15.57	1.320	6.74	0.17	25.20	89.0	
10:48	0.042	11.74	160	15.56	1.320	6.72	0.05	27.30	88.0	
10:49	0.042	11.80	160	15.57	1.320	6.72	0.00	10.20	87.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.169

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_MW-E04A_0316	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	MW-E04A	SAMPLE EVENT	AREA.E_1Q2016	
TIME	START 7:20 AM END 8:00 AM	JOB NUMBER	16011	
			SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	4.17 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	11.5 FT	MEASUREMENT POINT ELEVATION	588.686 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	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.164 GAL	TIME OF SAMPLE COLLECTION	7:40 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
7:27		4.79	155	8.10	0.921	6.95	0.00	26.5	122.0	
7:28	0.041	4.78	155	7.83	0.915	6.89	0.00	27.2	121.0	
7:30	0.082	4.79	155	7.61	0.910	6.85	0.00	30.7	117.0	
7:31	0.041	4.79	155	7.53	0.902	6.83	0.00	34.0	115.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.164

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_MW-E04A_0516	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	MW-E04A	SAMPLE EVENT	AREA.E_2Q2016	SAMPLE DATE
TIME	START 1:15 PM END 1:55 PM	JOB NUMBER	16011	SAMPLER
				Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.51 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	11.5 FT	MEASUREMENT POINT ELEVATION	588.686 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	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.159 GAL	TIME OF SAMPLE COLLECTION	1:40 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
13:26		6.22	150	15.44	0.949	6.88	0.00	10.9	63.0	
13:27	0.040	6.29	150	14.83	0.960	6.85	0.00	12.00	53.0	
13:28	0.040	6.33	150	14.56	0.964	6.83	0.00	12.6	44.0	
13:30	0.079	6.40	150	13.29	0.967	6.82	0.00	16.8	36.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.159

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

Clayish color particulates

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_MW-E04A_0916	ONTARIO SPECIALTY CONTRACTING, INC.		
WELL ID	MW-E04A	SAMPLE EVENT	AREA.E_3Q2016		SAMPLE DATE	9/12/2016
TIME	START 1:00 PM END 1:38 PM	JOB NUMBER	16011		SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	8.38 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	11.5 FT	MEASUREMENT POINT ELEVATION	588.686 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	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.169 GAL	TIME OF SAMPLE COLLECTION	1:24 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
13:09		9.70	160	18.53	1.000	6.86	0.00	9.00	60.0	
13:10	0.042	9.78	160	18.21	1.000	6.80	0.00	11.20	44.0	
13:12	0.085	9.82	160	18.27	0.999	6.77	0.00	12.40	32.0	
13:13	0.042	9.89	160	18.31	0.995	6.75	0.00	13.20	19.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.169

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

Clayish color particulates

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_MW-E04A_1116	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	MW-E04A	SAMPLE EVENT	AREA.E_4Q2016	
TIME	START 2:00 PM END 2:40 PM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	7.18 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	11.5 FT	MEASUREMENT POINT ELEVATION	588.686 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	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.379 GAL	TIME OF SAMPLE COLLECTION	2:25 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
14:12		5.66	160	16.09	0.918	6.74	2.08	10.00	111.0	
14:14	0.084	5.75	160	15.77	0.925	6.70	2.31	15.00	110.0	
14:15	0.126	5.82	160	15.60	0.926	6.70	2.73	15.70	110.0	
14:16	0.169	5.89	160	15.52	0.926	6.69	2.42	18.90	109.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.379

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

ONTARIO SPECIALTY CONTRACTING, INC.

MEASUREMENT POINT

NAPL REMOVAL METHOD

SPECIFIC

CONDUCTANCE

TYPE OF TUBING

TYPE OF PUMP

METHOD

PRESERVATION

COMMENTS

NUMBER OF GALLONS

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_MW-E05_0616	ONTARIO SPECIALTY CONTRACTING, INC.		
WELL ID	MW-E05	SAMPLE EVENT	AREA.E_2Q2016		SAMPLE DATE	6/1/2016
TIME	START 8:55 AM END 9:35 AM	JOB NUMBER	16011		SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.74 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	13.0 FT	MEASUREMENT POINT ELEVATION	586.679 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.75 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.246 GAL	TIME OF SAMPLE COLLECTION	9:20 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
9:06		6.83	155	18.00	0.833	6.88	1.76	5.50	141.0	
9:07	0.041	6.88	155	17.67	0.840	6.74	0.73	4.10	146.0	
9:09	0.082	6.94	155	17.40	0.846	6.70	1.34	1.70	146.0	
9:10	0.041	6.99	155	17.02	0.854	6.67	0.48	1.50	145.0	
9:12	0.082	7.05	155	16.72	0.857	6.66	0.05	1.20	144.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.246

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_MW-E05_0916	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	MW-E05	SAMPLE EVENT	AREA.E_3Q2016	
TIME	START 8:08 AM END 9:55 AM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	10.07 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	13.0 FT	MEASUREMENT POINT ELEVATION	586.679 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.58 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.211 GAL	TIME OF SAMPLE COLLECTION	8:35 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
8:21		7.23	160	16.98	2.000	6.61	5.34	5.20	140.0	
8:23	0.085	7.30	160	17.12	2.010	6.48	4.45	4.70	153.0	
8:24	0.042	7.36	160	17.23	2.010	6.46	4.13	8.40	156.0	
8:25	0.042	7.40	160	17.33	2.010	6.44	3.96	7.50	157.0	
8:26	0.042	7.45	160	17.38	2.020	6.43	3.83	17.90	158.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.211

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

Clayish color particulates

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_MW-E05_1116	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	MW-E05	SAMPLE EVENT	AREA.E_4Q2016	
TIME	START 12:00 PM END 12:43 PM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	4.80 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	13.0 FT	MEASUREMENT POINT ELEVATION	586.679 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.58 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.380 GAL	TIME OF SAMPLE COLLECTION	12:26 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
12:11		4.89	160	15.84	1.650	6.45	2.62	20.40	62.0	
12:13	0.085	4.91	160	15.83	1.660	6.43	2.33	36.30	57.0	
12:18	0.211	4.90	160	15.88	1.660	6.51	0.00	32.80	52.0	
12:19	0.042	4.91	160	15.88	1.660	6.46	0.00	31.00	52.0	
12:20	0.042	4.91	160	15.89	1.660	6.46	0.00	26.70	51.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.380

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_MW-E06_0316	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	MW-E06	SAMPLE EVENT	AREA.E_1Q2016	
TIME	START 12:05 PM END 1:20 PM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	2.80 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	13.0 FT	MEASUREMENT POINT ELEVATION	586.947 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	4.38 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.507 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
12:40		4.47	160	9.07	1.590	5.96	6.58	252.00	16.0	Cloudy, Clayish color particulates: Filter sa
12:42	0.085	4.48	160	8.66	1.630	5.88	5.32	244.00	12.0	
12:48	0.254	4.53	160	8.47	1.660	5.90	0.00	212.00	18.0	(started over)
12:49	0.042	5.02	160	8.39	1.660	5.87	0.00	196.00	12.0	
12:51	0.085	5.03	160	8.35	1.660	5.87	0.00	200.0	10.0	
12:52	0.042	5.04	160	8.33	1.660	5.87	0.00	190.00	8.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ TAL INORGANICS
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.507

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: _____

COMMENTS

Cloudy, clayish color particulates: Filtered sample

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_MW-E06_0616	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	MW-E06	SAMPLE EVENT	AREA.E_2Q2016	
TIME	START 9:45 AM END 10:30 AM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	4.58 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	13.0 FT	MEASUREMENT POINT ELEVATION	586.947 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	4.25 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.205 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
9:56		5.43	155	12.36	1.980	6.30	3.20	13.80	-15.0	
9:57	0.041	5.47	155	12.26	1.990	6.24	1.71	13.50	-28.0	
9:59	0.082	5.51	155	12.18	1.990	6.21	1.31	16.90	-36.0	
10:01	0.082	5.54	155	12.06	1.980	6.19	1.03	18.90	-39.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.205

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

Clayish color particulates

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_MW-E06_0916	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	MW-E06	SAMPLE EVENT	AREA.E_3Q2016	
TIME	START 12:35 PM END 1:15 PM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.58 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	13.0 FT	MEASUREMENT POINT ELEVATION	586.947 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	4 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.305 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
12:44		4.58	165	24.35	2.130	6.14	0.00	6.20	-6.0	
12:45	0.044	4.60	165	23.82	2.150	6.13	0.72	5.70	-24.0	
12:47	0.087	4.62	165	23.67	2.170	6.12	1.11	5.40	-34.0	
12:51	0.174	4.64	165	23.33	2.180	6.11	0.80	6.00	-39.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.305

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_MW-E06_1116	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	MW-E06	SAMPLE EVENT	AREA.E_4Q2016	
TIME	START 10:50 AM END 11:43 AM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	3.76 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	13.0 FT	MEASUREMENT POINT ELEVATION	586.947 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	3.75 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.174 GAL	TIME OF SAMPLE COLLECTION	11:25 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
11:14		4.48	165	15.98	2.120	6.08	0.00	42.80	-30.0	
11:16	0.087	4.46	165	16.03	2.130	6.01	0.00	39.90	-22.0	
11:17	0.044	4.46	165	16.07	2.130	6.00	0.00	35.80	-20.0	
11:18	0.044	4.46	165	16.06	2.130	6.00	0.00	33.70	-20.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.174

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

Cloudy, clayish color particulates

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_MW-E07_0316	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	MW-E07	SAMPLE EVENT	AREA.E_1Q2016	
TIME	START 1:30 PM END 2:20 PM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	2.92 FT	MEASUREMENT POINT	☒ 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	587.05 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.18 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.254 GAL	TIME OF SAMPLE COLLECTION	2:10 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
13:55		4.30	160	8.64	1.080	5.69	0.00	193.00	28.0	Cloudy, Clayish color particulates: Filter sa
13:57	0.085	4.40	160	8.49	1.080	5.68	0.00	186.00	28.0	
13:58	0.042	4.41	160	8.48	1.090	5.68	0.00	178.00	24.0	
13:59	0.042	4.41	160	8.46	1.090	5.68	0.00	175.00	22.0	
14:01	0.085	4.42	160	8.45	1.090	5.68	0.00	172.0	20.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ TAL INORGANICS
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.254

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

Cloudy, clayish color particulates: Filtered sample

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_MW-E07_0616	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	MW-E07	SAMPLE EVENT	AREA.E_2Q2016	
TIME	START 11:15 AM END 11:55 AM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.21 FT	MEASUREMENT POINT	☒ 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	587.05 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.18 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.159 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		6.12	150	14.82	0.845	5.64	6.80	8.70	110.0	
11:27	0.040	6.13	150	14.53	0.850	5.57	5.93	5.50	100.0	
11:28	0.040	6.13	150	14.36	0.852	5.54	5.47	4.80	93.0	
11:30	0.079	6.13	150	14.29	0.851	5.53	5.05	2.30	88.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.159

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

Clayish color particulates

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_MW-E07_0916	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	MW-E07	SAMPLE EVENT	AREA.E_3Q2016	
TIME	START 11:18 AM END 11:55 AM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	7.39 FT	MEASUREMENT POINT	☒ 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	587.05 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	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.218 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		5.87	165	21.70	1.310	6.27	0.00	5.90	-84.0	
11:27	0.044	5.90	165	21.52	1.310	6.24	0.00	5.20	-82.0	
11:29	0.087	6.00	165	21.37	1.310	6.22	0.00	4.40	-82.0	
11:31	0.087	6.02	165	21.28	1.290	6.21	0.00	5.00	-81.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.218

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_MW-E07_1116	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	MW-E07	SAMPLE EVENT	AREA.E_4Q2016	
TIME	START 12:57 PM END 1:35 PM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	3.95 FT	MEASUREMENT POINT	☒ 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	587.05 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.18 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.218 GAL	TIME OF SAMPLE COLLECTION	1:15 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
13:16		4.87	165	17.54	1.240	5.45	0.00	52.20	48.0	
13:18	0.087	4.87	165	17.51	1.240	5.45	0.00	49.70	51.0	
13:20	0.087	4.87	165	17.49	1.240	5.45	0.00	52.60	53.0	
13:21	0.044	4.87	165	17.47	1.240	5.45	0.00	47.70	54.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.218

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

Cloudy, clayish color particulates

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_MW-E08_0616	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	MW-E08	SAMPLE EVENT	AREA.E_2Q2016	
TIME	START 10:55 AM END 11:35 AM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	9.22 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	13.0 FT	MEASUREMENT POINT ELEVATION	585.903 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	3.78 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.218 GAL	TIME OF SAMPLE COLLECTION	11:25 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
11:12		10.79	165	14.70	1.160	6.76	0.49	29.40	47.0	
11:13	0.044	10.83	165	14.26	1.170	6.66	0.30	24.30	48.0	
11:15	0.087	10.90	165	14.03	1.170	6.62	0.07	17.60	47.0	
11:17	0.087	10.94	165	13.89	1.170	6.61	0.00	16.30	46.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.218

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

Clayish color particulates

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_MW-E09_0616	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	MW-E09	SAMPLE EVENT	AREA.E_2Q2016	
TIME	START 11:48 AM END 12:30 PM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	9.11 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	13.0 FT	MEASUREMENT POINT ELEVATION	585.979 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.5 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.246 GAL	TIME OF SAMPLE COLLECTION	12:12 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
11:57		10.58	155	17.62	1.940	6.20	3.33	17.50	104.0	
11:59	0.082	10.64	155	16.32	2.000	6.08	2.70	19.80	108.0	
12:00	0.041	10.66	155	15.98	2.010	6.06	2.36	14.00	108.0	
12:02	0.082	10.71	155	15.59	2.000	6.05	1.94	6.80	109.0	
12:03	0.041	10.74	155	15.57	2.000	6.04	1.63	3.2	109.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.246

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

Clayish color particulates

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_MW-E10_0616	ONTARIO SPECIALTY CONTRACTING, INC.		
WELL ID	MW-E10	SAMPLE EVENT	AREA.E_2Q2016		SAMPLE DATE	6/15/2016
TIME	START 12:38 PM END 1:25 PM	JOB NUMBER	16011		SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	11.28 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	13.5 FT	MEASUREMENT POINT ELEVATION	586.34 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.58 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	9.9 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.169 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
12:54		13.38	160	15.90	2.310	6.81	0.00	44.80	98.0	
12:55	0.042	13.41	160	15.19	2.350	6.78	0.00	44.20	96.0	
12:57	0.085	13.46	160	15.10	2.350	6.78	0.00	32.00	-96.0	
12:58	0.042	13.49	160	14.90	2.350	6.77	0.00	20.80	-96.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.169

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

Clayish color particulates

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_R-10_0316	ONTARIO SPECIALTY CONTRACTING, INC.		
WELL ID	R-10	SAMPLE EVENT	AREA.E_1Q2016		SAMPLE DATE	3/15/2016
TIME	START 1:30 PM END 2:20 PM	JOB NUMBER	16011		SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.18 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	18.0 FT	MEASUREMENT POINT ELEVATION	588.784 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	3.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.18 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	Unknown FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.465 GAL	TIME OF SAMPLE COLLECTION	2:10 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
13:43		6.53	160	9.19	1.580	7.62	0.00	34.6	-158.0	Dark and clayish color particulates
13:45	0.085	6.62	160	9.13	1.580	7.64	0.00	38.8	-171.0	
13:47	0.085	6.68	160	9.04	1.570	7.64	0.00	48.0	-179.0	
13:54	0.296	7.21	160	8.94	1.590	7.61	0.00	49.1	-169.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.465

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

Clayish color particulates

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_R-10_0516	ONTARIO SPECIALTY CONTRACTING, INC.		
WELL ID	R-10	SAMPLE EVENT	AREA.E_2Q2016		SAMPLE DATE	5/31/2016
TIME	START 12:25 PM END 1:05 PM	JOB NUMBER	16011		SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.20 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	18.0 FT	MEASUREMENT POINT ELEVATION	588.784 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	3.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.18 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	Unknown FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.211 GAL	TIME OF SAMPLE COLLECTION	12:45 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
12:37		7.16	160	14.17	0.398	7.99	0.00	0.0	-240.0	
12:38	0.042	7.18	160	15.04	0.390	7.91	0.00	0.00	-243.0	
12:40	0.085	7.24	160	14.05	0.407	7.90	0.00	0.0	-245.0	
12:42	0.085	7.31	160	13.81	0.415	7.89	0.00	0.0	-246.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.211

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

Dark color particulates

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_R-10_0916	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	R-10	SAMPLE EVENT	AREA.E_3Q2016	
TIME	START 12:18 PM END 12:50 PM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS		MEASUREMENT POINT		NAPL REMOVAL METHOD	
STATIC DEPTH TO WATER	8.34 FT	☒ TOP OF WELL RISER		☐ BAILER	
WELL DEPTH	18.0 FT	☐ TOP OF PROTECTIVE CASING		☐ PERISTALTIC PUMP	
WELL DIAMETER	3.0 IN	☐ OTHER		☐ ABSORBENT SOCK	
SCREEN LENGTH	Unknown FT	MEASUREMENT POINT ELEVATION	588.784 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
TOTAL VOL. PURGED	0.218 GAL	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1 IN	NAPL VOL. REMOVED	GAL
		WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
		TIME OF SAMPLE COLLECTION	12:37 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
12:26		9.44	165	17.03	1.230	7.68	0.00	9.20	-196.0	
12:28	0.087	9.59	165	16.78	1.240	7.67	0.00	6.50	-221.0	
12:30	0.087	9.63	165	16.55	1.240	7.62	0.00	5.50	-228.0	
12:31	0.044	9.67	165	16.41	1.250	7.62	0.00	4.30	-231.0	

EQUIPMENT DOCUMENTATION		
TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER
TYPE OF WATER LEVEL DEVICE		
☒ GEOTECH INTERFACE METER		
☐ SOLINST WATER METER		
☐ OTHER		

ANALYTICAL PARAMETERS										
To Be Collected			METHOD	PRESERVATION	VOLUME	SAMPLE				
			NUMBER	METHOD	REQUIRED	COLLECTED				
STANDARD	☒	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC				
	☒	SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC				
	☒	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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		COMMENTS
PURGE WATER CONTAINERIZED	YES ☒ NO ☐	
NUMBER OF GALLONS GENERATED	0.218	
NOTES		
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required		
SIGNATURE:		

Tom Wagner (TW)

8:30 AM

X	VOC
X	SVOC
X	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)

Dark color particulates

SIGNATURE:

Thomas B. Wagner

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_R-11_0316	ONTARIO SPECIALTY CONTRACTING, INC.		
WELL ID	R-11	SAMPLE EVENT	AREA.E_1Q2016		SAMPLE DATE	3/15/2016
TIME	START 12:37 PM END 1:12 PM	JOB NUMBER	16011		SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.30 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	17.3 FT	MEASUREMENT POINT ELEVATION	586.356 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	3.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.5 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	Unknown FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.218 GAL	TIME OF SAMPLE COLLECTION	12:50 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
12:45		5.81	165	9.65	0.677	7.90	0.00	10.1	87.0	Clayish color particulates
12:47	0.087	6.02	165	9.65	0.678	7.98	0.00	7.1	79.0	
12:49	0.087	6.20	165	9.65	0.678	8.00	0.00	6.5	76.0	
12:50	0.044	6.32	165	9.64	0.678	8.01	0.00	6.2	73.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.218

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

Clayish color particulates

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_R-11_0516	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	R-11	SAMPLE EVENT	AREA.E_2Q2016	
TIME	START 11:38 AM END 12:15 PM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.96 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	17.3 FT	MEASUREMENT POINT ELEVATION	586.356 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	3.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.18 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	Unknown FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.211 GAL	TIME OF SAMPLE COLLECTION	12:00 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
11:47		7.01	160	15.38	0.277	8.21	0.00	1.4	-51.0	
11:48	0.042	7.16	160	14.75	0.282	8.34	0.00	0.60	-126.0	
11:50	0.085	7.28	160	14.54	0.283	8.38	0.00	0.00	-157.0	
11:52	0.085	7.42	160	14.40	0.282	8.41	0.00	0.00	-176.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.211

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

Dark color particulates

ONTARIO SPECIALTY CONTRACTING, INC.

SAMPLE DATE 9/12/2016

SAMPLER Tom Wagner (TW)

MEASUREMENT POINT

NAPL REMOVAL METHOD

DEPTH TO NAPL NON DETECT (ND)	ND	FT

NAPL VOL. REMOVED		GAL

TIME OF SAMPLE COLLECTION	11:55 AM

SPECIFIC

EQUIPMENT DOCUMENTATION

TYPE OF PUMP

TYPE OF TUBING

TYPE OF WATER QUALITY METERTYPE OF WATER LEVEL DEVICE

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

To Be Collected

		NUMBER	METHOD	REQUIRED	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)

COMMENTS

COMMENTS

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

Thomas B. Wagner

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_R-11_1116	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	R-11	SAMPLE EVENT	AREA.E_4Q2016	
TIME	START 11:20 AM END 11:58 AM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.63 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	17.3 FT	MEASUREMENT POINT ELEVATION	586.356 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	3.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.38 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	Unknown FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.174 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
11:32		7.29	165	17.92	0.638	7.82	0.00	46.50	18.0	
11:34	0.087	7.44	165	18.03	0.637	7.81	0.00	43.00	13.0	
11:35	0.044	7.59	165	18.11	0.637	7.81	0.00	44.60	9.0	
11:36	0.044	7.63	165	18.18	0.636	7.81	0.00	43.00	4.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.174

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

Clayish color particulates

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_RFI-17_0316	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	RFI-17	SAMPLE EVENT	AREA.E_1Q2016	
TIME	START 8:10 AM END 8:45 AM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	7.59 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	12.0 FT	MEASUREMENT POINT ELEVATION	585.815 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.18 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.164 GAL	TIME OF SAMPLE COLLECTION	8:30 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
8:18		6.76	155	8.22	1.120	6.84	2.42	0.80	152.0	
8:19	0.041	6.82	155	8.16	1.120	6.83	0.85	0.70	151.0	
8:21	0.082	6.89	155	8.11	1.120	6.82	0.65	1.00	151.0	
8:22	0.041	6.95	155	8.13	1.120	6.82	0.47	1.00	151.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.164

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_RFI-17_0516	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	RFI-17	SAMPLE EVENT	AREA.E_2Q2016	
TIME	START 2:05 PM END 2:45 PM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS		MEASUREMENT POINT		NAPL REMOVAL METHOD	
STATIC DEPTH TO WATER	6.80 FT	☒ TOP OF WELL RISER		☐ BAILER	
WELL DEPTH	12.0 FT	☐ TOP OF PROTECTIVE CASING		☐ PERISTALTIC PUMP	
WELL DIAMETER	2.0 IN	☐ OTHER		☐ ABSORBENT SOCK	
SCREEN LENGTH	5.0 FT	MEASUREMENT POINT ELEVATION	585.815 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
TOTAL VOL. PURGED	0.205 GAL	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.5 IN	NAPL VOL. REMOVED	GAL
		WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
		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
14:16		7.73	155	14.66	1.210	6.87	4.64	0.00	77.0	
14:17	0.041	7.85	155	14.32	1.210	6.84	3.81	0.00	74.0	
14:19	0.082	7.96	155	14.35	1.210	6.83	2.72	0.00	70.0	
14:21	0.082	8.08	155	14.36	1.210	6.83	2.37	0.00	66.0	

EQUIPMENT DOCUMENTATION			
TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS										
To Be Collected			METHOD	PRESERVATION	VOLUME	SAMPLE				
			NUMBER	METHOD	REQUIRED	COLLECTED				
STANDARD	☒	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC				
	☒	SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC				
	☒	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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		COMMENTS
PURGE WATER CONTAINERIZED	YES ☒ NO ☐	
NUMBER OF GALLONS GENERATED	0.205	
NOTES		
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required		
SIGNATURE:		

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_RFI-17_0916	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	RFI-17	SAMPLE EVENT	AREA.E_3Q2016	
TIME	START 1:50 PM END 2:30 PM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS		MEASUREMENT POINT		NAPL REMOVAL METHOD	
STATIC DEPTH TO WATER	10.34 FT	☒ TOP OF WELL RISER		☐ BAILER	
WELL DEPTH	12.0 FT	☐ TOP OF PROTECTIVE CASING		☐ PERISTALTIC PUMP	
WELL DIAMETER	2.0 IN	☐ OTHER		☐ ABSORBENT SOCK	
SCREEN LENGTH	5.0 FT	MEASUREMENT POINT ELEVATION	585.815 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
TOTAL VOL. PURGED	0.174 GAL	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.5 IN	NAPL VOL. REMOVED	GAL
		WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
		TIME OF SAMPLE COLLECTION	2:15 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
14:01		11.30	165	18.53	1.090	6.84	0.00	0.00	66.0	
14:02	0.044	11.36	165	17.72	1.120	6.79	0.00	0.00	63.0	
14:04	0.087	11.41	165	17.53	1.120	6.77	0.00	0.00	59.0	
14:05	0.044	11.46	165	17.31	1.130	6.76	0.00	0.00	56.0	

EQUIPMENT DOCUMENTATION			
TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS									
To Be Collected			METHOD	PRESERVATION	VOLUME	SAMPLE			
			NUMBER	METHOD	REQUIRED	COLLECTED			
STANDARD	☒	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒	VOC		
	☒	SVOC	CLP	4 DEG. C	2 X 1 LAG	☒	SVOC		
	☒	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒	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		COMMENTS
PURGE WATER CONTAINERIZED	YES ☒ NO ☐	
NUMBER OF GALLONS GENERATED	0.174	
NOTES		
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required		
SIGNATURE:		

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_RFI-17_1116	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	RFI-17	SAMPLE EVENT	AREA.E_4Q2016	
TIME	START 12:10 PM END 1:45 PM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	9.29 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	12.0 FT	MEASUREMENT POINT ELEVATION	585.815 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.5 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.211 GAL	TIME OF SAMPLE COLLECTION	12:30 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
12:14		7.98	160	15.72	1.150	6.84	6.28	0.20	64.0	
12:15	0.042	8.08	160	15.58	1.160	6.81	5.93	0.00	64.0	
12:17	0.085	8.16	160	15.55	1.160	6.79	5.67	0.10	64.0	
12:19	0.085	8.28	160	15.50	1.160	6.79	5.43	0.00	64.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ TAL INORGANICS
	☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)
DUPLICATE	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 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	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 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	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ TAL INORGANICS
	☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.211

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

D, MS, MSD

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_RFI-29_0316	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	RFI-29	SAMPLE EVENT	AREA.E_1Q2016	
TIME	START 8:55 AM END 9:35 AM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	3.70 FT	MEASUREMENT POINT	☒ 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	585.691 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	4.5 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.169 GAL	TIME OF SAMPLE COLLECTION	9:20 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
9:07		4.38	160	8.34	0.883	7.62	2.24	1.60	-10.0	
9:08	0.042	4.37	160	8.26	0.880	7.65	1.89	1.60	-43.0	
9:10	0.085	4.38	160	8.17	0.875	7.65	1.53	1.30	-63.0	
9:11	0.042	4.38	160	8.17	0.873	7.65	1.22	1.10	-77.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.169

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_RFI-29_0516	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	RFI-29	SAMPLE EVENT	AREA.E_2Q2016	
TIME	START 8:00 AM END 9:50 AM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.19 FT	MEASUREMENT POINT	☒ 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	585.691 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	4.25 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.174 GAL	TIME OF SAMPLE COLLECTION	8:30 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
8:13		7.37	165	15.51	0.894	77.40	0.00	0.00	-83.0	
3:21	-12.728	7.39	165	15.36	0.847	7.77	0.00	0.00	-101.0	
8:16	12.859	7.40	165	15.22	0.843	7.71	0.00	0.00	-115.0	
8:17	0.044	7.41	165	14.98	0.843	7.70	0.00	0.00	-125.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ TAL INORGANICS
	☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)
DUPLICATE	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 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	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 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	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ TAL INORGANICS
	☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.174

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

D, MS, MSD

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_RFI-29_0916	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	RFI-29	SAMPLE EVENT	AREA.E_3Q2016	
TIME	START 8:40 AM END 9:40 AM	JOB NUMBER	16011	
			SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.79 FT	MEASUREMENT POINT	☒ 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	585.691 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	4.25 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.211 GAL	TIME OF SAMPLE COLLECTION	9:25 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
9:08		5.30	160	19.90	1.120	7.53	1.31	0.00	-146.0	
9:09	0.042	5.30	160	20.06	1.110	7.51	0.87	0.00	-164.0	
9:11	0.085	5.29	160	20.16	1.100	7.50	0.52	0.00	-181.0	
9:13	0.085	5.29	160	20.25	1.090	7.49	0.33	0.00	-191.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.211

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

Tom Wagner (TW)

9:15 AM

X	VOC
X	SVOC
X	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)

0.164

SIGNATURE:

Thomas B. Wagner

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA_E_RFI-32A_0316	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	RFI-32A	SAMPLE EVENT	AREA_E_1Q2016	
TIME	START 10:05 AM END 11:40 AM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.36 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	13.0 FT	MEASUREMENT POINT ELEVATION	587.749 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.5 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.211 GAL	TIME OF SAMPLE COLLECTION	10:35 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
10:20		7.20	160	9.13	2.490	6.64	0.00	22.6	164.0	M, MS, MSD
10:22	0.085	8.07	160	8.97	2.500	6.64	0.00	22.3	150.0	
10:23	0.042	8.30	160	8.88	2.500	6.64	0.00	8.7	142.0	
10:25	0.085	8.61	160	8.79	2.510	6.64	0.00	10.6	131.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ TAL INORGANICS
	☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)
DUPLICATE	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 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	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 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	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ TAL INORGANICS
	☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.211

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

D, MS, MSD

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_RFI-32A_0516	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	RFI-32A	SAMPLE EVENT	AREA.E_2Q2016	
TIME	START 9:55 AM END 10:30 AM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	7.13 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	13.0 FT	MEASUREMENT POINT ELEVATION	587.749 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.5 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.205 GAL	TIME OF SAMPLE COLLECTION	10:20 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
10:07		9.02	155	14.60	2.210	6.62	0.00	11.8	-39.0	
10:09	0.082	9.21	155	13.38	2.160	6.62	0.00	14.90	-41.0	
10:10	0.041	9.47	155	12.67	2.110	6.62	0.00	10.20	-44.0	
10:11	0.041	9.47	155	12.46	2.070	6.62	0.00	8.70	-46.0	
10:12	0.041	9.80	155	12.39	2.040	6.62	0.00	7.9	-47.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.205

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_RFI-32A_0916	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	RFI-32A	SAMPLE EVENT	AREA.E_3Q2016	
TIME	START 9:48 AM END 10:30 AM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	9.35 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	13.0 FT	MEASUREMENT POINT ELEVATION	587.749 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	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.246 GAL	TIME OF SAMPLE COLLECTION	10:20 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
9:58		9.96	155	19.08	1.290	6.88	1.57	5.60	125.0	
10:00	0.082	10.21	155	16.95	2.300	6.49	0.00	4.50	-43.0	
10:01	0.041	10.51	155	16.78	2.310	6.46	0.00	4.00	-61.0	
10:03	0.082	10.71	155	16.71	2.300	6.44	0.00	3.20	-68.0	
10:04	0.041	10.85	155	16.69	2.290	6.43	0.00	5.00	-71.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.246

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA_E_RFI-32A_1116	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	RFI-32A	SAMPLE EVENT	AREA_E_4Q2016	
TIME	START 9:40 AM END 10:16 AM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.74 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	13.0 FT	MEASUREMENT POINT ELEVATION	587.749 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.5 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.205 GAL	TIME OF SAMPLE COLLECTION	10:00 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
9:51		6.38	155	15.35	2.360	6.50	2.57	3.10	19.0	
9:53	0.082	6.86	155	15.33	2.360	6.48	2.13	2.00	-13.0	
9:54	0.041	6.90	155	15.33	2.360	6.46	1.91	3.30	-25.0	
9:56	0.082	7.13	155	15.31	2.340	6.48	1.71	6.00	-33.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.205

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_RFI-33_0316	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	RFI-33	SAMPLE EVENT	AREA.E_1Q2016	
TIME	START 9:45 AM END 10:40 AM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	0.85 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	12.0 FT	MEASUREMENT POINT ELEVATION	583.17 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	5.5 below IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	1.353 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
9:45		5.31	160	7.91	2.210	7.14	3.65	50.30	54.0	
10:13	1.183	5.39	160	7.90	2.190	7.13	3.39	22.90	51.0	
10:15	0.085	5.45	160	7.88	2.180	7.12	3.16	16.40	49.0	
10:17	0.085	5.54	160	7.87	2.170	7.11	3.00	19.30	46.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	1.353

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_RFI-33_0616	ONTARIO SPECIALTY CONTRACTING, INC.	
WELL ID	RFI-33	SAMPLE EVENT	AREA.E_2Q2016		
TIME	START 8:05 AM END 8:45 AM	JOB NUMBER	16011		
				SAMPLE DATE	6/1/2016
				SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	2.31 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	12.0 FT	MEASUREMENT POINT ELEVATION	583.17 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	5.38 below IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.254 GAL	TIME OF SAMPLE COLLECTION	8:35 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
8:18		5.23	160	17.14	1.960	7.29	1.54	57.10	80.0	
8:19	0.042	5.31	160	16.70	1.980	7.27	1.17	41.30	79.0	
8:20	0.042	5.40	160	16.50	1.990	7.25	0.86	32.80	77.0	
8:22	0.085	5.49	160	16.42	2.000	7.24	0.85	26.30	75.0	
8:24	0.085	5.57	160	16.34	2.010	7.22	0.68	17.70	73.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.254

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_RFI-33_0916	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	RFI-33	SAMPLE EVENT	AREA.E_3Q2016	
TIME	START 2:38 PM END 3:20 PM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	3.32 FT	MEASUREMENT POINT	☒ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	NAPL REMOVAL METHOD	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DEPTH	12.0 FT	MEASUREMENT POINT ELEVATION	583.17 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 ☒ NO ☐		
TOTAL VOL. PURGED	0.127 GAL	TIME OF SAMPLE COLLECTION	3:07 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
14:53		5.05	160	21.16	2.190	7.00	0.00	53.80	-135.0	
14:54	0.042	5.04	160	20.92	2.160	6.99	0.00	45.30	-134.0	
14:55	0.042	5.02	160	20.97	2.120	7.00	0.00	41.20	-135.0	
14:56	0.042	5.02	160	20.98	2.090	7.01	0.00	35.40	-137.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.127

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

Clayish color particulates

Tom Wagner (TW)

GAI

TIME OF SAMPLE
COLLECTION

G

X	VOC
X	SVOC
X	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)

0.164

SIGNATURE:

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_RFI-51_0316	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	RFI-51	SAMPLE EVENT	AREA.E_1Q2016	
TIME	START 8:00 AM END 8:50 AM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	3.55 FT	MEASUREMENT POINT	☒ 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	586.956 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	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.423 GAL	TIME OF SAMPLE COLLECTION	8:40 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
8:15		5.24	160	8.69	1.760	7.00	7.97	54.80	-28.0	Cloudy, Clayish color particulates
8:17	0.085	5.47	160	8.37	1.770	7.03	7.37	64.40	-67.0	
8:21	0.169	5.81	160	8.33	1.790	7.04	0.00	49.90	-83.0	
8:23	0.085	5.92	160	8.38	1.790	7.05	0.00	46.50	-93.0	
8:25	0.085	6.02	160	8.39	1.790	7.07	0.00	36.5	-100.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.423

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

Clayish color particulates

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_RFI-51_0616	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	RFI-51	SAMPLE EVENT	AREA.E_2Q2016	
TIME	START 12:05 PM END 12:55 PM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	2.50 FT	MEASUREMENT POINT	☒ 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	586.956 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.18 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.169 GAL	TIME OF SAMPLE COLLECTION	12:30 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
12:18		6.64	160	14.28	2.350	7.00	6.79	3.80	-87.0	
12:20	0.085	6.77	160	14.24	2.330	7.11	5.67	3.50	-110.0	
12:21	0.042	6.85	160	14.25	2.320	7.15	5.18	3.20	-120.0	
12:22	0.042	6.93	160	14.17	2.330	7.17	4.83	2.80	-127.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.169

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

Tom Wagner (TW)

10:48 AM

X	VOC
X	SVOC
X	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)

0.169

SIGNATURE:

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_RFI-51_1116	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	RFI-51	SAMPLE EVENT	AREA.E_4Q2016	
TIME	START 8:55 AM END 9:35 AM	JOB NUMBER	16011	
		SAMPLER	Tom Wagner (TW)	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	4.91 FT	MEASUREMENT POINT	☒ 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	586.956 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 ☒ NO ☐		
TOTAL VOL. PURGED	0.169 GAL	TIME OF SAMPLE COLLECTION	9:20 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
9:07		5.81	160	14.80	3.920	7.02	0.00	0.00	-58.0	
9:09	0.085	5.93	160	14.78	3.920	6.99	0.00	0.00	-101.0	
9:10	0.042	5.99	160	14.79	3.920	6.98	0.00	0.00	-108.0	
9:11	0.042	6.04	160	14.84	3.930	6.97	0.00	0.00	-114.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.169

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

Dark color particulates

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_RFI-PZ-16_0616	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	RFI-PZ-16	SAMPLE EVENT	AREA.E_2Q2016	SAMPLE DATE
TIME	START 1:00 PM END 1:40 PM	JOB NUMBER	16011	SAMPLER
				Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	7.88 FT	MEASUREMENT POINT	☒ 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	587.05 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.75 above IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.218 GAL	TIME OF SAMPLE COLLECTION	1:30 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
13:12		9.92	165	16.54	1.250	7.00	0.00	0.00	2.0	
13:13	0.044	9.93	165	14.69	1.340	6.92	0.00	0.00	-38.0	
13:15	0.087	9.93	165	14.22	1.350	6.92	0.00	0.00	-58.0	
13:17	0.087	9.93	165	13.99	1.360	6.91	0.00	0.00	-68.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.218

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

COMMENTS

Dry Well, no sample

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_RFI-PZ-16_1116	ONTARIO SPECIALTY CONTRACTING, INC.		
WELL ID	RFI-PZ-16	SAMPLE EVENT	AREA.E_4Q2016		SAMPLE DATE	11/8/2016
TIME	START 9:45 AM END 10:25 AM	JOB NUMBER	16011		SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	14.09 FT	MEASUREMENT POINT	☒ 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	587.05 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.75 above IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.211 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
9:58		14.10	160	17.27	1.690	6.70	0.00	20.40	52.0	
10:00	0.085	14.10	160	17.52	1.690	6.62	0.00	19.10	52.0	
10:01	0.042	14.10	160	17.62	1.680	6.60	0.00	14.40	48.0	
10:03	0.085	14.10	160	17.69	1.680	6.59	0.00	10.50	46.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.211

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_RFI-PZ-17_0216	ONTARIO SPECIALTY CONTRACTING, INC.		
WELL ID	RFI-PZ-17	SAMPLE EVENT	AREA.E_1Q2016		SAMPLE DATE	2/3/2016
TIME	START	END			SAMPLER	Tom Wagner (TW)
		JOB NUMBER	16011			

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.29 FT	MEASUREMENT POINT	☒ 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	586.123 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.5 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.218 GAL	TIME OF SAMPLE COLLECTION			

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
9:34		4.74	165	8.27	0.833	6.98	0.00	25.40	59.0	Clayish color particulates
9:36	0.087	4.74	165	8.14	0.834	6.97	0.00	21.70	59.0	
9:38	0.087	4.74	165	8.08	0.833	6.97	0.00	16.80	54.0	
9:39	0.044	4.74	165	8.06	0.831	6.97	0.00	14.40	50.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☐ 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)
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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.218

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_RFI-PZ-17_0616	ONTARIO SPECIALTY CONTRACTING, INC.		
WELL ID	RFI-PZ-17	SAMPLE EVENT	AREA.E_2Q2016		SAMPLE DATE	6/15/2016
TIME	START 1:30 PM END 2:10 PM	JOB NUMBER	16011		SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	11.94 FT	MEASUREMENT POINT	☒ 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	586.123 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.5 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒ NO ☐		
TOTAL VOL. PURGED	0.174 GAL	TIME OF SAMPLE COLLECTION	1:50 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
13:40		12.59	165	18.51	1.740	7.31	0.00	0.00	-158.0	
13:42	0.087	12.59	165	17.82	1.780	7.33	0.00	0.00	-187.0	
13:43	0.044	12.59	165	17.38	1.790	7.34	0.00	0.00	-202.0	
13:44	0.044	12.59	165	17.12	1.790	7.33	0.00	0.00	-218.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ 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 ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.174

NOTES

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COMMENTS

Dark color particulates